3.4.6 Scopus and WoS h-index from the year 2018 to 2022.		
	Scopus	**WOS**
Year	**2018-22**	**2018-22**
No. of Publication	1953	702
Citation	9516	3649
With out Self Citations		3527
H_Index	36	24

3.4.6 Scopus and WoS h-index from the year 2018 to 2022.										
Authors	Author(s) ID	Title	Year	Source title	Volume	Issue	Cited by	DOI	Link	Document Type
Swathantraiah, J.G., Srinivasa, S.M., Belagal Motatis, A.K., Uttarkar, A., Bettaswamygowda, S., Thimmaiah, S.B., Niranjan, V., Rangappa, S., Subbegowda, R.K., Ramegowda, T.N.	58002510300;57216870407;57221716223;57216224183;58002924000;57370026900;6603234656;56374227100;58002342100;58002600400;	Novel 1,2,5-Trisubstituted Benzimidazoles Potentiate Apoptosis by Mitochondrial Dysfunction in Panel of Cancer Cells	2022	ACS Omega	7	50	5	10.1021/acsomega.2c06057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143853716&doi=10.1021%2facsomega.2c06057&partnerID=40&md5=76c96b1113b6c1efd3bd6687fb50f285	Article
Shwetha, K.P., Manjunatha, C., Sudha Kamath, M.K., Vinaykumar, Radhika, M.G.R., Khosla, A.	57687841800;56919543200;57216895120;58516234400;57216897644;26423760200;	Morphology-controlled synthesis and structural features of ultrafine nanoparticles of Co3O4: An active electrode material for a supercapacitor	2022	Applied Research	1	4	12	10.1002/appl.202200031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163867936&doi=10.1002%2fappl.202200031&partnerID=40&md5=ce7d091cee73cc131c51c7a2424952e1	Article

Manjappa, P., Rajan, H.K., Mahesh, M.G., Sadananda, K.G., Channegowda, M., Shivashankar, G.K., Mutt, N.B.	57201735364;55881270900;57956869300;57447387700;56919543200;24824344300;58028555000;	Effective Attenuation of Electromagnetic Waves by Synergetic Effect of α-Fe2O3 and MWCNT/Graphene in LDPE-Based Composites for EMI Applications	2022	Materials	15	24	7	10.3390/ma15249006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144634920&doi=10.3390%2fma15249006&partnerID=40&md5=39f2daddd9978884a8fa2585bddb70a5	Article
Khanna, V., Singh, K., Kumar, S., Bansal, S.A., Channegowda, M., Kong, I., Khalid, M., Chaudhary, V.	57221644571;58384816500;58262510500;57190936414;57220953146;56434024800;36945624700;82431916100;	Engineering Electrical and Thermal Attributes of Two-Dimensional Graphene Reinforced Copper/Aluminium Metal Matrix Composites for Smart Electronics	2022	ECS Journal of Solid State Science and Technology	11	12	18	10.1149/2162-8777/aca933	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144443321&doi=10.1149%2f2162-8777%2faca933&partnerID=40&md5=18dbb686d4e3658788db45dcff23ed2a	Article
Hari, K., Harlapur, P., Gopalan, A., Ullanat, V., Duddu, A.S., Jolly, M.K.	57215778884;57226282536;57226286793;57221558667;57219377917;55906762400;	Emergent properties of coupled bistable switches	2022	Journal of Biosciences	47	4		10.1007/s12038-022-00310-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144177332&doi=10.1007%2fs12038-022-00310-6&partnerID=40&md5=81c8affb2e8f8a832ca55a1771fc269f	Article

Moses, V., Narula, A., Chetan, N., Kumar Mishra, R.	57205651398;74095553858;57195725266;57210436119;	Hydroxymethyl furfural (HMF) a high strength cellulose resin for wood composite laminates	2022	Heliyon	8	12	3	10.1016/j.heliyon.2022.e12081	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143690034&doi=10.1016%2fj.heliyon.2022.e12081&partnerID=40&md5=0fe9bb6e5a6c8a103976a2dd672d5d9c	Article
Rajeswari, M., Bhoomika, K.N., Ruksar, H., Naveen, R., Vidyadhara, S.R., Rao, N.N., Sharma, A., Deepak, S.M.	57200842566;57999929800;58000147800;58530116100;58000147900;55988649300;74049713195;57703932800;	Design and Performance Assessment of Zinc Oxide–Chitosan Nanocomposite Filter for Continuous Removal of Textile Azo Dye	2022	Topics in Catalysis	65	19-20	3	10.1007/s11244-022-01683-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143444065&doi=10.1007%2fs11244-022-01683-6&partnerID=40&md5=b8601668f96bffa0ff06836315ad4996	Article
Pasha Syed, A.R., Anbalagan, R., Setlur, A.S., Karunakaran, C., Shetty, J., Kumar, J., Niranjan, V.	57972337600;57971513000;57193269169;57833002000;55994536900;57202552820;66033234656;	Implementation of ensemble machine learning algorithms on exome datasets for predicting early diagnosis of cancers	2022	BMC Bioinformatics	23	1	6	10.1186/s12859-022-05050-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142252547&doi=10.1186%2fs12859-022-05050-w&partnerID=40&md5=f2ea61d84559f1ca1cdcd3df9caf69e7	Article

Didde, S., Dubey, R.S., Panda, S.K., Babu, G.S.	57263511200;24168535300;55633678700;57223310526;	Experimental study of doped zinc aluminate nanoparticles by bottom-up approach for microstrip patch antenna applications	2022	Journal of Materials Science	57	45		10.1007/s10853-022-07929-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142048437&doi=10.1007%2fs10853-022-07929-8&partnerID=40&md5=dceba1494b580cd033d07be05819ff50	Article
Andal, C.K., Jayapal, R.	58490519100;57191804655;	Design and implementation of IoT based intelligent energy management controller for PV/wind/battery system with cost minimization	2022	Renewable Energy Focus	43		9	10.1016/j.ref.2022.10.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141801988&doi=10.1016%2fj.ref.2022.10.004&partnerID=40&md5=25ed91fb63f7a93769859b2770942e53	Article
Praveen, M., Karthikeya, G.S., Krishna, R.H., Mamatha, G.M., Manjunatha, C., Khosla, A., Nagabhushana, B.M.	57201735364;37761617500;55881270900;57236373200;56919543200;26423760200;6602523791;	The role of magnetic nano CoFe2O4 and conductive MWCNT/graphene in LDPE-based composites for electromagnetic interference shielding in X-band	2022	Diamond and Related Materials	130		11	10.1016/j.diamond.2022.109501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141500996&doi=10.1016%2fj.diamond.2022.109501&partnerID=40&md5=4a83748478b581654caf2f6b3fbe3a26	Article

Narayanam, L.S.V., Motammanavar, S.V.	57211428362;57211431693;	On computing Banzhaf power index for k-edge connectivity in graphs	2022	Social Network Analysis and Mining	12	1		10.1007/s13278-022-00985-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140919275&doi=10.1007%2fs13278-022-00985-7&partnerID=40&md5=5f83860006a5e6a2bf3e6f502543abd9	Article
Dambal, S.S., Doddananjedevaru, M.K., Gopalakrishna, S.B.	57944798300;57943336000;57944311400;	Premature Ventricular Contraction Classification Based on Spiral Search - Manta Ray Foraging and Bi-LSTM	2022	International Journal of Intelligent Engineering and Systems	15	6	2	10.22266/ijies2022.1231.01	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140727176&doi=10.22266%2fijies2022.1231.01&partnerID=40&md5=45d35ccf88322668d3a2e85a6f00f58f	Article
Velur, G., Kusanur, R.	57934669100;6507727904;	Herbal Drugs in Cancer Treatment	2022	Russian Journal of Bioorganic Chemistry	48	6	1	10.1134/S1068162022060267	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140223989&doi=10.1134%2fS1068162022060267&partnerID=40&md5=cb98f29a4467725ea19299370c4defb0	Review

Krishnan, K., Iyengar, S.	57192544966;57929997600;	Fault detection in an interconnected power system using optimal number of phasor measurement unit	2022	International Journal of Power Electronics and Drive Systems	13	4	1	10.11591/ijpeds.v13.i4.pp2109-2119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139916986&doi=10.11591%2fijpeds.v13.i4.pp2109-2119&partnerID=40&md5=1a1bfe20672c1e6ee6f9eac66741d8c6	Article
Mamatha, B., Pradeep, N., Uma, V., Kumar, S.M.	57919421700;57194282234;57188553626;57226509285;	Wearable Strain Sensor Using Multiwalled Carbon Nanotubes on Different Fabrics	2022	Journal of Electronic Materials	51	12		10.1007/s11664-022-09948-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139478150&doi=10.1007%2fs11664-022-09948-2&partnerID=40&md5=6eb590d1321890374b888105d79f7224	Article
Sadanand, V.S., Guruvyas, K.R.R., Patil, P.P., Acharya, J.J., Suryakanth, S.G.	57201031076;57553181300;57553417100;57553181400;57827545800;	An automated essay evaluation system using natural language processing and sentiment analysis	2022	International Journal of Electrical and Computer Engineering	12	6	5	10.11591/ijece.v12i6.pp6585-6593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139044127&doi=10.11591%2fijece.v12i6.pp6585-6593&partnerID=40&md5=0bd337dcf4debe7adf437137c63ff124	Article

Ibrahim, K.M., Havaldar, S.S., Hiriyannaiah, A., Keshavamurthy, R.	58253553300;55348304200;56532004400;650695938 9;	Investigation of Corrosion Characteristics of Plasma-Sprayed Composite Coating on Bearing Steel Through Electrochemical and Salt Spray Test	2022	Journal of Bio- and Tribo-Corrosion	8	4	2	10.1007/s40735-022-00706-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138464115&doi=10.1007%2fs40735-022-00706-9&partnerID=40&md5=21d905c80642c2d855af724a7c4bec2c	Article
Singh, P.K., Rehman, S.U., Darshan, J., Shobha, G., Deepamala, N.	57808234700;57890128100;57891021000;14829661100;37070296400;	Automated dynamic schema generation using knowledge graph	2022	IAES International Journal of Artificial Intelligence	11	4		10.11591/ijai.v11.i4.pp1261-1269	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138062188&doi=10.11591%2fijai.v11.i4.pp1261-1269&partnerID=40&md5=33b9ac257dd57277d5c52ae230fb55d0	Article
Niranjan, V., Setlur, A.S., Karunakaran, C., Uttarkar, A., Kumar, K.M., Skariyachan, S.	6603234656;57193269169;57833002000;57216224183;57213161995;36996175300;	Correction to: Scope of repurposed drugs against the potential targets of the latest variants of SARS-CoV-2 (Structural Chemistry, (2022), 33, 5, (1585-1608), 10.1007/s11224-022-02020-z)	2022	Structural Chemistry	33	6		10.1007/s11224-022-02045-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137097625&doi=10.1007%2fs11224-022-02045-4&partnerID=40&md5=b1e0251470ff211a8eecf41b6e9913d8	Erratum

G, R.M., Byatarayappa, G., Ingale, D.V., Bhatta, L.K.G., Venkatesh, K., K, S.K.M., Nagaraju, K.	57848229300;57222246584;56318182500;56502004200;56501605800;57847550700;56737108200;	High performance of asymmetric coin cells designed using optimized weight percentage of multiwalled carbon nanotubes in Ni/Co-MOFs nanocomposites	2022	Materials Research Bulletin	156		4	10.1016/j.materresbull.2022.111996	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136152436&doi=10.1016%2fj.materresbull.2022.111996&partnerID=40&md5=8915bbbf6ed4a7b52fe6cfaf0d759d37	Article
Pal, G., Bakade, R., Deshpande, S., Sureshkumar, V., Patil, S.S., Dawane, A., Agarwal, S., Niranjan, V., PrasannaKumar, M.K., Vemanna, R.S.	57223691184;55983077700;57216952544;57201667393;57223672652;57219109142;58276579900;660323465 6;37021877600;56856713300;	Transcriptomic responses under combined bacterial blight and drought stress in rice reveal potential genes to improve multi-stress tolerance	2022	BMC Plant Biology	22	1	8	10.1186/s12870-022-03725-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134550437&doi=10.1186%2fs12870-022-03725-3&partnerID=40&md5=f7491260e12b46498453915aa80817a3	Article
Reddy, H.L., Nagakumar, M.S.	57613395800;57211625333;	Development and Validation of a Delay Assessment Matrix for Road and Highway Projects	2022	Journal of The Institution of Engineers (India): Series A	103	4		10.1007/s40030-022-00651-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134471917&doi=10.1007%2fs40030-022-00651-3&partnerID=40&md5=fe2b79ce10ed87f64e5901cbe2bcae00	Article

Patil, P.R., Tanavade, S., Dinesh, M.N.	57695524700;860 7791300;5895953 6100;	Analysis of Power Loss in Forward Converter Transformer Using a Novel Machine Learning Based Optimization Framework	2022	Technology and Economics of Smart Grids and Sustainable Energy	7	1	2	10.1007/s40866-022-00145-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130145474&doi=10.1007%2fs40866-022-00145-y&partnerID=40&md5=8a6921e7728b9908bea11732ac8476ed	Article
Shridhar, S.T., Amalkar, M.S., Ihtesham, M., Basutkar, S.M., Renukadevi, M.V.	58287940100;572 07228958;575553 83700;572056501 70;57202150127;	The implication of using filtered sand in mortar and concrete	2022	Journal of Building Pathology and Rehabilitation	7	1		10.1007/s41024-022-00175-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127249980&doi=10.1007%2fs41024-022-00175-0&partnerID=40&md5=895dcaead9db85b3cc2b21ebff612bb4	Article
Siragam, S., Dubey, R.S., Pappula, L., Satheesh Babu, G.	57215857534;241 68535300;572016 89929;366720523 00;	Synthesis and investigation of dielectric ceramic nanoparticles for microstrip patch antenna applications	2022	Scientific Reports	12	1	6	10.1038/s41598-022-07899-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126226845&doi=10.1038%2fs41598-022-07899-6&partnerID=40&md5=19521484b44bae4e3fb26c434dfb343d	Article

Ravish, R., Rangaswamy, S.	57205446399;35293507700;	Integrated mode of transport: a predictive model for route guidance	2022	International Journal of Intelligent Unmanned Systems	10	4	4	10.1108/IJIUS-09-2020-0040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097234389&doi=10.1108%2fIJIUS-09-2020-0040&partnerID=40&md5=f3cecae1e8010a49ccfd7bf40c5eec4e	Article
Rajesh, R., Kulkarni, M.V., Sampathkumaran, P., Anand Kumar, S., Seetharamu, S., Katiyar, J.K.	56691657300;57202765775;66030225212;57202588617;6603809161;57150631600;	Tribological performance involving DOE of an additively manufactured Cu-Ni alloy	2022	Industrial Tribology: Sustainable Machinery and Industry 4.0				10.1201/9781003243205-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140941800&doi=10.1201%2f9781003243205-5&partnerID=40&md5=ff40d09539700c391ea4497ea72840a5	Book Chapter
Sheik Althaf, M., Ray, K.P., Nethravathi, K.A., Tripathi, B., Adiga, A.K.	58040267800;56003150900;57201944115;36515658800;57782319200;	Non-Uniform Linear Nested Array Implementation for Improved Beamforming and Optimization	2022	Advances in Transdisciplinary Engineering	27			10.3233/ATDE220763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145441566&doi=10.3233%2fATDE220763&partnerID=40&md5=7d6a96d02463e2fcb3219b4f1bd8218c	Conference Paper

Sheik Althaf, M., Ray, K.P., Nethravathi, K.A., Tripathi, B., Adiga, A.K.	58040267800;56003150900;57201944115;36515658800;57782319200;	Computational Challenges in Firmware Implementation of Beamforming Techniques and Enhancement	2022	Advances in Transdisciplinary Engineering	27			10.3233/ATDE220729	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145440813&doi=10.3233%2fATDE220729&partnerID=40&md5=f90573c5a38c0d322a5fbe2341545998	Conference Paper
Ranganayakulu, J., Srihari, P.V., Rao, K.V.	55210909300;57190045635;55971841000;	A strategy to improve performance in electrochemical discharge machining using periodic bi-directional tool rotation	2022	International Journal of Advanced Manufacturing Technology	123	5-6	3	10.1007/s00170-022-10227-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140268234&doi=10.1007%2fs00170-022-10227-x&partnerID=40&md5=b91082713261c951d08cfeb3cb9bde1b	Article
Doraisamy, R., Moharir, M., Arul, R.	57190340634;54419033000;57194859626;	Congestion aware and game based odd even adaptive routing in network on chip many-core architecture	2022	Indonesian Journal of Electrical Engineering and Computer Science	28	2	1	10.11591/ijeecs.v28.i2.pp962-972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139366457&doi=10.11591%2fijeecs.v28.i2.pp962-972&partnerID=40&md5=3d244100014a310ce9b19a7c42f7f46b2	Article

Bhavana, V., Krishnappa, H.K.	57188735311;57188733713;	Multi-modal image fusion using contourlet and wavelet transforms: a multi-resolution approach	2022	Indonesian Journal of Electrical Engineering and Computer Science	28	2	4	10.11591/ijeecs.v28.i2.pp762-768	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139340728&doi=10.11591%2fijeecs.v28.i2.pp762-768&partnerID=40&md5=e76d9e241f5d07e122871ba214b8cfb7	Article
Shinde, A.S., Mahendra, B.M., Nejakar, S., Herur, S.M., Bhat, N.	56194367600;57219482390;57210195067;57204562585;57226204926;	Performance analysis of machine learning algorithm of detection and classification of brain tumor using computer vision	2022	Advances in Engineering Software	173		12	10.1016/j.advengsoft.2022.103221	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135916139&doi=10.1016%2fj.advengsoft.2022.103221&partnerID=40&md5=f53875036a23e30abe1bec65867aa270	Article
Nayak, A.M., Rachana, R., Vishakh, M.M., Kumar, S.C.P., Gupta, P.K., Manokaran, S., Reddy, A.H.M.	58184305400;58184444600;58183597000;58739049900;56608493300;12781751200;57703449800;	Segmentation of MRI images of gliomas using convolutional neural networks	2022	Deep Learning for Healthcare Decision Making					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152559741&partnerID=40&md5=0c0f2050a2ffc68cec569ea9363ee774	Book Chapter

Rajendran, S., Ramavenkateswaran, N., Abbi, P., Arora, K., Gupta, P.K., Anand, M.	57210710290;57200086547;57226563083;57574016600;56608493300;57220003986;	Health informatics system using machine learning techniques	2022	Deep Learning for Healthcare Decision Making					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152515412&partnerID=40&md5=a3be69ce440c10662612e6f90674c803	Book Chapter
Nikitha, B.S.C., Silpa, B., Rajendran, S.R., Ramavenkateswaran, N.	58310776600;58311947800;57210710290;57200086547;	Role of machine learning in artificial emotional intelligence	2022	Multidisciplinary Applications of Deep Learning-Based Artificial Emotional Intelligence				10.4018/978-1-6684-5673-6.ch004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161642162&doi=10.4018%2f978-1-6684-5673-6.ch004&partnerID=40&md5=604fed9c8a3db54e2232890d8f74ad56	Book Chapter
Rohit, B., Muktinutalapati, N.R.	57194344077;57200381265;	Influence of Reverted Austenite on Tensile Deformation and Fracture in 18Ni 250 Maraging Steel	2022	Journal of Testing and Evaluation	51	2		10.1520/JTE20220122	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140206940&doi=10.1520%2fJTE20220122&partnerID=40&md5=c3d9233b89fbaca12c99e3b02e43e34e	Article

Shetty Ajay, K.M., Dinesh, M.N., Yashaswini, M., Gopalakrishna, B., Kathyayini, N., Sundarayya, Y., Vijeth, H.	58906795300;34869411600;57210971607;57216901264;56737108200;6503885815;57192437266;	Natural Biomass Derived Microporous Activated Carbon Electrodes for Highly Efficient Supercapacitor Applications	2022	ChemistrySelect	7	37		10.1002/slct.202201301	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139472168&doi=10.1002%2fslct.202201301&partnerID=40&md5=e43a0d9ea1b512a49d0f1e23fca9160d	Article
Gadad, V., Sowmyarani, C.N.	57204565648;55532106000;	Towards Privacy Preserving Data Publishing in Inter Cloud Infrastructure	2022	International Journal of Engineering Trends and Technology	70	10	1	10.14445/22315381/IJETT-V70I10P204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141798749&doi=10.14445%2f22315381%2fIJETT-V70I10P204&partnerID=40&md5=905976163e0160a20aed5e408b381d64	Article
Hari, K., Ullanat, V., Balasubramanian, A., Gopalan, A., Jolly, M.K.	57215778884;57221558667;57262260900;57226286793;55906762400;	Landscape of Epithelial Mesenchymal Plasticity as an emergent property of coordinated teams in regulatory networks	2022	eLife	11		21	10.7554/eLife.76535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141527759&doi=10.7554%2feLife.76535&partnerID=40&md5=dd216108e72f41c6958bd746f4b7209d	Article

Swamy, S.R., Cotîrlă, L.-I.	13405020400;36165163700;	On τ-Pseudo-ν-Convex κ-Fold Symmetric Bi-Univalent Function Family	2022	Symmetry	14	10		10.3390/sym14101972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140747618&doi=10.3390%2fsym14101972&partnerID=40&md5=04652ed65436bead7f186d507a187472	Article
Niranjan, V., Uttarkar, A., Murali, K., Niranjan, S., Gopal, J., Kumar, J.	6603234656;57216224183;57927233300;57927233400;57927708400;57202552820;	Mycobacterium Time-Series Genome Analysis Identifies AAC2′ as a Potential Drug Target with Naloxone Showing Potential Bait Drug Synergism	2022	Molecules	27	19	7	10.3390/molecules27196150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139851383&doi=10.3390%2fmolecules27196150&partnerID=40&md5=5d26d9377dd350976151ab59f9df6530	Article
Rao, P., Ashwini, S., Masood, G., Kusanur, R., Niranjan, V., Patra, S.M.	57899552900;57899408800;57899553000;65077279047;6603234656;7007045200;	Bioinformatics Study of Pioglitazone Analogues as Potential Anti-Diabetic Drugs	2022	Russian Journal of Bioorganic Chemistry	48	5		10.1134/S106816202205017X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138476116&doi=10.1134%2fS106816202205017X&partnerID=40&md5=1666f3795f142325fb09ea862d27d4c5	Article

K S, A., Vishnumurthy, K.A., A, M., B S, S., K, N.	57892829000;56320807800;57894283600;57894283700;57894283800;	Fabrication and comparison of mechanical and EMI shielding properties of various fibre reinforced multi-layered epoxy composites	2022	Journal of the Indian Chemical Society	99	10	6	10.1016/j.jics.2022.100720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138156591&doi=10.1016%2fj.jics.2022.100720&partnerID=40&md5=9e7ad0b13d272df9bd2bb2ac7063fe12	Article
Niranjan, V., Setlur, A.S., Karunakaran, C., Uttarkar, A., Kumar, K.M., Skariyachan, S.	6603234656;57193269169;57833002000;57216224183;57213161995;36996175300;	Scope of repurposed drugs against the potential targets of the latest variants of SARS-CoV-2	2022	Structural Chemistry	33	5	6	10.1007/s11224-022-02020-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135523740&doi=10.1007%2fs11224-022-02020-z&partnerID=40&md5=3dd87eaff81f135fcd5133699be71f51	Review
Chandrashekhar, A.S., Suryakanth, S.G.	57668968300;57827545800;	A combined computing framework for load balancing in multi-tenant cloud eco-system	2022	International Journal of Electrical and Computer Engineering	12	5	1	10.11591/ijece.v12i5.pp5630-5643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135273944&doi=10.11591%2fijece.v12i5.pp5630-5643&partnerID=40&md5=9fd7ad18a6a41cff5a2249f466a010a6	Article

Vanitha, P.A., Vijayaraghavareddy, P., Uttarkar, A., Dawane, A., Sujitha, D., Ashwin, V., Babitha, K.C., Niranjan, V., Sheshshayee, M.S., Anuradha, C.V., Makarla, U., Vemanna, R.S.	57656998200;57202218412;57216224183;57219109142;57656998300;57214154890;55618681100;660323 4656;8511295200;57197543861;6701506298;56856713300;	Novel small molecules targeting bZIP23 TF improve stomatal conductance and photosynthesis under mild drought stress by regulating ABA	2022	FEBS Journal	289	19	15	10.1111/febs.16461	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129181768&doi=10.1111%2ffebs.16461&partnerID=40&md5=df62d2628aaa74ababcadaf2a6d7ec7c	Article
Vaishnavi, Suresha, C.	57936577800;57215544610;	Multilevel bidirectional converter to connect a battery and an inverter in electric vehicles	2022	AIP Conference Proceedings	2640			10.1063/5.0114995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140328374&doi=10.1063%2f5.0114995&partnerID=40&md5=b220cb2960ad41902496dcf9ad8cf64d	Conference Paper
Swamy, S.R., Atshan, W.G.	13405020400;25642383200;	COEFFICIENT BOUNDS FOR REGULAR AND BI-UNIVALENT FUNCTIONS LINKED WITH GEGENBAUER POLYNOMIALS	2022	Gulf Journal of Mathematics	13	2	1	10.56947/gjom.v13i2.723	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164139722&doi=10.56947%2fgjom.v13i2.723&partnerID=40&md5=ff45bb588df4d0ecdabf8d414742791e	Article

Chaudhary, V., Channegowda, M., Ansari, S.A., Rajan, H.K., Kaushik, A., Khanna, V., Zhao, Z., Furukawa, H., Khosla, A.	8243196100;56919543200;58740968600;55881270900;24080061400;57221644571;57809498900;74017815 11;26423760200;	Low-trace monitoring of airborne sulphur dioxide employing SnO2-CNT hybrids-based energy-efficient chemiresistor	2022	Journal of Materials Research and Technology	20		28	10.1016/j.jmrt.2022.07.159	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145573366&doi=10.1016%2fj.jmrt.2022.07.159&partnerID=40&md5=9ed525ebd55d7ea56760262e61b62f90	Article
Sowmya, K.S., Cauvery, N.K., Sharvani, G.S.	57220395608;35291528300;35293488200;	IMPLEMENTATION OF CLUSTER SUBLEADER TO BALANCE THE LOAD OF A CLUSTER HEAD TO ACHIEVE QOS IN MANETS	2022	Indian Journal of Computer Science and Engineering	13	5		10.21817/indjcse/2022/v13i5/221305066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140031413&doi=10.21817%2findjcse%2f2022%2fv13i5%2f221305066&partnerID=40&md5=aafadff2cda9ae8edc474f0ec3ce098b	Article
Premananda, B.S., Sreedhar, S.	37091407700;57920455400;	LOW-POWER PHASE FREQUENCY DETECTOR USING HYBRID AVLS AND LECTOR TECHNIQUES FOR LOW-POWER PLL	2022	Advances in Electrical and Electronic Engineering	20	3	6	10.15598/aeee.v20i3.4593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139494789&doi=10.15598%2faeee.v20i3.4593&partnerID=40&md5=7ce7fe9d1a94b41e9e98d517e5d41648	Article

Vasudeva, G., Uma, B.V.	57222076667;55130921800;	Design and Implementation of High Speed and Low Power 12-Bit SAR ADC Using 22nm FinFET	2022	Iranian Journal of Electrical and Electronic Engineering	18	3		10.22068/IJEEE.18.3.2336	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138512890&doi=10.22068%2fIJEEE.18.3.2336&partnerID=40&md5=13e3a8ea143d34033c643f1915498619	Article
Mahendra, B.M., Sonoli, S., Ameta, A.	57219482390;55376477500;57219490793;	Improved Deep Multi-Patch Hierarchical Network For Handling Saturation In Image Deblurring	2022	Array	15		3	10.1016/j.array.2022.100228	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134673247&doi=10.1016%2fj.array.2022.100228&partnerID=40&md5=ee1bd8f0f3e338291414491cc6922480	Article
Binnal, P., Kumar, D.J., Sasalu Parameshwaraiah, M., Patil, J.	54882288500;57671649500;57743034700;55094514000;	Upgrading rice husk biochar characteristics through microwave-assisted phosphoric acid pretreatment followed by co-pyrolysis with LDPE	2022	Biofuels, Bioproducts and Biorefining	16	5	5	10.1002/bbb.2392	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132014945&doi=10.1002%2fbbb.2392&partnerID=40&md5=051832e8aee2a5f01dd8815a7fe44ddc	Article

Bhat, P.S.V., Renukadevi, M.V., Jagadish, K.S.	57616869500;57202150127;67014577776;	Stresses in Circular Cylindrical Masonry Shells	2022	Journal of The Institution of Engineers (India): Series A	103	3		10.1007/s40030-022-00637-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131674626&doi=10.1007%2fs40030-022-00637-1&partnerID=40&md5=b208883bd84e1eb80859256e473d0419	Article
Vaikund, H., S.G., S.	57222090173;57721491400;	Cost mitigation strategy for microgrid using an advanced energy management system with an intelligent controller	2022	Electric Power Systems Research	210		4	10.1016/j.epsr.2022.108116	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131121725&doi=10.1016%2fj.epsr.2022.108116&partnerID=40&md5=2ee57adb4e88e5d31269a5f9093f178b	Article
Vishwas, M., Shamala, K.S., Gandla, S.B.	25924650400;656482859;57193614162;	Comparison of optical properties of CdS thin films synthesized by spray pyrolysis and thermal evaporation method	2022	Journal of Optics (India)	51	3	6	10.1007/s12596-022-00887-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130290924&doi=10.1007%2fs12596-022-00887-z&partnerID=40&md5=e38763bfb396eb3a4f78ed7a67235647	Article

Naik, N.S., Sherugar, P., Vishnumurthy, K.A., Arthanareeswaran, G., Das, D.B., Padaki, M.	57210230624;57222153742;56320807800;650819040 1;25630591600;26644354500;	Polycarbene-bearing membrane surface containing silver species for size and charge selective molecular separation	2022	Environmental Science: Water Research and Technology	8	10		10.1039/d2ew00400c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139033570&doi=10.1039%2fd2ew00400c&partnerID=40&md5=9c30bd26b4dd0c58683243376b157abc	Article
Byatarayappa, G., Guna, V., Radhika, M.G., Venkatesh, K., Zhao, Y., Nagaraju, N., Reddy, N., Nagaraju, K.	57222246584;57190573784;57216897644;56501605800;57202720377;7003299303;35613410000;56737108200;	KOH-activated microstructured carbon derived from Asclepias syriaca floss for extraordinary 200k cycle stability in supercapacitors	2022	Sustainable Energy and Fuels	6	17	7	10.1039/d2se00802e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135685972&doi=10.1039%2fd2se00802e&partnerID=40&md5=9134118fc065b8f8b32689d07e0e2797	Article
Mydur, K., Mahendra Kumar, S., Nagaral, M., Bharath, V., Auradi, V.	58181983100;36515133000;56298423400;57204577768;8703592300;	Microstructure, Physical and Tensile Behaviour of B4 C Particles Reinforced Al7010 Alloy Composites	2022	Journal of Mines, Metals and Fuels	70	8		10.18311/jmmf/2022/32015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167356464&doi=10.18311%2fjmmf%2f2022%2f32015&partnerID=40&md5=853be42aa450f4135b66b8089100f860	Article

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B, S., G, S.	57776047800;57776955600;	Fractional salp swarm algorithm: An association rule based privacy-preserving strategy for data sanitization	2022	Journal of Information Security and Applications	68		4	10.1016/j.jisa.2022.103224	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133237656&doi=10.1016%2fj.jisa.2022.103224&partnerID=40&md5=b9d95d015e4f80e31d8f582e899bbb45	Article
Thavasimani, K., Srinath, N.K.	57361502700;24492408800;	Hyperparameter optimization using custom genetic algorithm for classification of benign and malicious traffic on internet of things–23 dataset	2022	International Journal of Electrical and Computer Engineering	12	4	5	10.11591/ijece.v12i4.pp4031-4041	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129673480&doi=10.11591%2fijece.v12i4.pp4031-4041&partnerID=40&md5=3fad61df7303367699c54dffef964b12	Article

Basappa, P.S., Gangadhar, S., Thanuja, T.C.	57672080700;57669956000;26649284900;	Energy-efficient data-aggregation for optimizing quality of service using mobile agents in wireless sensor network	2022	International Journal of Electrical and Computer Engineering	12	4	3	10.11591/ijece.v12i4.pp3891-3899	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129649555&doi=10.11591%2fijece.v12i4.pp3891-3899&partnerID=40&md5=809f31eed41bf794ac3928b30ce89fdc	Article
Jayadevappa, B.R.	56471840100;	Development of multimode gas-fired combined-cycle chemical-looping combustion-based power plant layouts	2022	Environmental Science and Pollution Research	29	36		10.1007/s11356-022-19748-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126535758&doi=10.1007%2fs11356-022-19748-0&partnerID=40&md5=de89ab8014f241189f3f09f1f36ad24d	Article
Kathigi, A., Honnamachanahalli Kariputtaiah, K.	57213123509;57356679500;	Handwritten character recognition using skewed line segmentation method and long short term memory network	2022	International Journal of System Assurance Engineering and Management	13	4	6	10.1007/s13198-021-01531-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120162764&doi=10.1007%2fs13198-021-01531-y&partnerID=40&md5=2797e57d3d1be103bb56068d4af94415	Article

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Koppal, V.V., Melavanki, R., Kusanur, R., Bagewadi, Z.K., Yaraguppi, D.A., Deshpande, S.H., Patil, N.R.	55444679900;23061607900;650772790 4;55453826900;57205056056;57216952544;35366935700;	Investigation of the Fluorescence Turn-off Mechanism, Genome, Molecular Docking in Silico and in Vitro Studies of 2-Acetyl-3 H-benzo[f]chromen-3-one	2022	ACS Omega	7	27	5	10.1021/acsomega.2c02424	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134823777&doi=10.1021%2facsomega.2c02424&partnerID=40&md5=d0bc3d721b0f0adf2f892298f2afce19	Article
Siragam, S., Dubey, R.S., Pappula, L., Babu, G.S.	57215857534;24168535300;57201689929;57223310526;	Zinc Aluminate-Based Composite Nanoparticles for Microwave Applications	2022	ACS Omega	7	27	3	10.1021/acsomega.2c01671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134793488&doi=10.1021%2facsomega.2c01671&partnerID=40&md5=b6efc2fe2c575b02e81681c711453d73	Article

Kumar, S.N., Chetan, D.M., Hiremath, L., Srivastava, A.K., Muralidhara, P.L., Jyothsana, R., Iyer, R.P., Iyer, R.P.	55565490400;36447433600;57204661876;57200314484;55180761200;57869293400;57869593300;57870190600;	Molecular Docking studies of THC-HCA on Cancer Receptors	2022	Research Journal of Pharmacy and Technology	15	7	2	10.52711/0974-360X.2022.00535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137089037&doi=10.52711%2f0974-360X.2022.00535&partnerID=40&md5=38c8dd3b43cd9715f4dbf2539d1c385c	Article
Banu, K., Mondal, B., Rai, B., Monica, N., Hanumegowda, R.	57454083300;56789669000;57821274600;57822289100;57218861127;	Prospects for the application of aptamer based assay platforms in pathogen detection	2022	Biocybernetics and Biomedical Engineering	42	3	3	10.1016/j.bbe.2022.07.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135070572&doi=10.1016%2fj.bbe.2022.07.005&partnerID=40&md5=05aba0cb966ef7e70cf394b510c1bce0	Review
Swamy, S.R., Wanas, A.K.	13405020400;55804029400;	A comprehensive family of bi-univalent functions defined by (m, n)-Lucas polynomials	2022	Boletin de la Sociedad Matematica Mexicana	28	2	2	10.1007/s40590-022-00411-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128290486&doi=10.1007%2fs40590-022-00411-0&partnerID=40&md5=32a8e3889d0b89226843ba0229b869e8	Article

Ranganayakulu, J., Srihari, P.V., Rao, K.V.	55210909300;57190045635;55971841000;	An Optimization Strategy to Improve Performance in Electrochemical Discharge Machining of Borosilicate Glass Using Graph Theory Algorithm and Desirability Index	2022	Silicon	14	10	8	10.1007/s12633-021-01317-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112537893&doi=10.1007%2fs12633-021-01317-8&partnerID=40&md5=7611e1b02600c5d850b8577bbd59c8e1	Article
Yashwanth, H.J., Rondiya, S.R., Dzade, N.Y., Hoye, R.L.Z., Choudhary, R.J., Phase, D.M., Dhole, S.D., Hareesh, K.	57218384799;55886695700;36547612100;55761507900;7102410448;6603093053;6602291469;55542146900;	Improved photocatalytic activity of TiO2 nanoparticles through nitrogen and phosphorus co-doped carbon quantum dots: an experimental and theoretical study	2022	Physical Chemistry Chemical Physics	24	25	16	10.1039/d2cp01405j	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133137697&doi=10.1039%2fd2cp01405j&partnerID=40&md5=f8380f645dcd0564e64ab54ad399f88f	Article
Frasin, B.A., Sailaja, Y., Swamy, S.R., Wanas, A.K.	9269603400;57225052103;13405020400;55804029400;	Coefficients bounds for a family of bi-univalent functions defined by Horadam polynomials	2022	Acta et Commentationes Universitatis Tartuensis de Mathematica	26	1		10.12697/ACUTM.2022.26.02	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132988776&doi=10.12697%2fACUTM.2022.26.02&partnerID=40&md5=c05cc773409f040a66ef4515a973d688	Article

Chandrashekhar, P.K., Srivani, S.G.	57215598271;26422586800;	Synchrophasor-Based Online Transient Stability Assessment Using Regression Models	2022	ECTI Transactions on Electrical Engineering, Electronics, and Communications	20	2	1	10.37936/ecti-eec.2022202.246763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134380330&doi=10.37936%2fecti-eec.2022202.246763&partnerID=40&md5=3e2dea6d690a47b644ec1dcbdfac5e2f	Article
Komperla, V., Deenadhayalan, P., Ghuli, P., Pattar, R.	57765333500;57765333600;56125487700;57764904900;	React: A detailed survey	2022	Indonesian Journal of Electrical Engineering and Computer Science	26	3		10.11591/ijeecs.v26.i3.pp1710-1717	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132926679&doi=10.11591%2fijeecs.v26.i3.pp1710-1717&partnerID=40&md5=812723d98b192ab138eeb6eed43aa874	Article
Singal, A., Iyengar, S.S., Kumar, L., Madni, A.M.	57742519900;57218357030;57219793649;57203079656;	Hardware routed quantum key distribution networks	2022	IET Quantum Communication	3	2	2	10.1049/qtc2.12039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132040227&doi=10.1049%2fqtc2.12039&partnerID=40&md5=5bec3fc147d67fc5d1c7b36f9af65469	Article

Rajaram, H., Harshitha, N., Ram, S.A., Patra, S.M., Niranjan, V., Vishnumurthy, K.A.	57225218081;57225209374;57225206375;70070452000;6603234656;56320807800;	Targeting non-structural proteins and 3CLpro in SARS-CoV-2 virus using phytochemicals from medicinal plants - In-silico approach	2022	Journal of the Indian Chemical Society	99	6	2	10.1016/j.jics.2022.100488	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129791936&doi=10.1016%2fj.jics.2022.100488&partnerID=40&md5=d26e0cb153cea7a64c604688ed17f8b6	Article
Sridhar, R., Amith, V., Aditya, S., Gangadhar, A., Vishnumurthy, K.A.	57189034887;56125698800;57673937000;57200842568;56320807800;	Electrospun PVDF/Cloisite-30B and PVDF/BaTio3/graphene nanofiber mats for development of nanogenerators	2022	Journal of the Indian Chemical Society	99	6	1	10.1016/j.jics.2022.100501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129751404&doi=10.1016%2fj.jics.2022.100501&partnerID=40&md5=24e035e8271ec47b66c74d5782191ff8	Article
Mohammed Ibrahim, K., Havaldar, S.S., Hiriyannaiah, A., Keshavamurthy, R.	57471752200;55348304200;56532004400;6506959389;	Parametric Effect on Tribological Performance of Plasma-Sprayed Composite Coating on Bearing Steel	2022	Journal of The Institution of Engineers (India): Series D	103	1		10.1007/s40033-022-00334-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125525379&doi=10.1007%2fs40033-022-00334-0&partnerID=40&md5=943e9e0478b82983aec6c5f6900c125c	Article

Kumar, J.V., Shylashree, N., Gojanur, S.G., Raju, G.V.T., Bhupathiraju, V.V., Channegowda, M.	57457630300;56045640200;57457538700;58505435100;57457985100;56919543200;	Design and Analysis of a Biosensor for the Detection of Estrogen Hormonal Levels	2022	BioNanoScience	12	2	1	10.1007/s12668-022-00951-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124816123&doi=10.1007%2fs12668-022-00951-9&partnerID=40&md5=04710e030c1d7a0999cf50770d69be4b	Article
Sharma, K., Melavanki, R., Hiremath, S.M., Kusanur, R., Geethanjali, H.S., D, N.	57201998937;23061607900;57202151589;650772790 4;55953566900;57450033200;	Synthesis, spectroscopic characterization, electronic and docking studies on novel chalcone derivatives (3DPP and 5PPD) by experimental and DFT methods	2022	Journal of Molecular Structure	1256		6	10.1016/j.molstruc.2022.132553	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124542287&doi=10.1016%2fj.molstruc.2022.132553&partnerID=40&md5=aec287b9d8cd60629481e194c81a679d	Article
Radder, S.B., Melavanki, R., Radder, U., Hiremath, S.M., Kusanur, R., Khemalapure, S.S.	57204569786;23061607900;57215927102;57202151589;6507727904;57202160068;	Synthesis, spectroscopic (FT-IR, FT-Raman, NMR), reactivity (ELF, LOL and Fukui) and docking studies on 3-(2-hydroxy-3-methoxy-phenyl)-1-(3-nitro-phenyl)-propenone by experimental and DFT methods	2022	Journal of Molecular Structure	1255		19	10.1016/j.molstruc.2022.132443	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123192249&doi=10.1016%2fj.molstruc.2022.132443&partnerID=40&md5=a3d89361db1596b2b03c33cd1c32b7f1	Article

Aldawish, I., Swamy, S.R., Frasin, B.A.	56103523200;13405020400;92696033400;	A Special Family of m-Fold Symmetric Bi-Univalent Functions Satisfying Subordination Condition	2022	Fractal and Fractional	6	5	5	10.3390/fractalfract6050271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130755311&doi=10.3390%2ffractalfract6050271&partnerID=40&md5=d1982d7b2ffd13237ba309bc7b7cafea	Article
Meda, U.S., Vora, K., Athreya, Y., Mandi, U.A.	23485804000;57560378300;57559499200;57560595300;	Titanium dioxide based heterogeneous and heterojunction photocatalysts for pollution control applications in the construction industry	2022	Process Safety and Environmental Protection	161		16	10.1016/j.psep.2022.03.066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127523974&doi=10.1016%2fj.psep.2022.03.066&partnerID=40&md5=c5a4a357dd52bbf2f3a81850796f5f2e	Review
Bhavyashree, M., Rondiya, S.R., Hareesh, K.	57678945100;55886695700;55542146900;	Exploring the emerging applications of the advanced 2-dimensional material borophene with its unique properties	2022	RSC Advances	12	19	19	10.1039/d2ra00677d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129897105&doi=10.1039%2fd2ra00677d&partnerID=40&md5=453ec29f971eef95d6f1e5f06416312f	Review

Kulkarni, B.N., Kulkarni, N.B., Anantharama, V.	57211643347;57205654906;35408535800;	An empirical analysis of surface-level methane emission from anthropogenic sources in India	2022	Journal of Cleaner Production	346		2	10.1016/j.jclepro.2022.131101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125877382&doi=10.1016%2fj.jclepro.2022.131101&partnerID=40&md5=8d8a0ea39228f8bb0b8c26f8eea3cba4	Article
Raykar, A.M., Ashwini, K.B.	58092906700;57211493933;	A Comparative Study of Machine Learning Algorithms on Intrusion Detection System	2022	Journal of Machine and Computing	2	2		10.53759/7669/jmc202202009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147525322&doi=10.53759%2f7669%2fjmc202202009&partnerID=40&md5=884e80c29de56ed899b9cc86481a1c24	Article
Brijesh, Sivakiran, R.R., Patil, J.H.	57189361357;57216637135;55094514000;	STATISTICAL OPTIMIZATION OF PROCESS PARAMETERS FOR HYDROGEN PRODUCTION IN Halobacterium salinarium IMMOBILIZED WITH CALCIUM ALGINATE AND Escherichia coli	2022	Rasayan Journal of Chemistry	15	2	1	10.31788/RJC.2021.1526859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133891145&doi=10.31788%2fRJC.2021.1526859&partnerID=40&md5=4d93ef68d9fe2760c27f769ffae0489b	Article

Hadimani, P., Narasimha Murthy, H.N., Mudbidre, R., Angadi, G.	56239626800;650 7666550;5602066 2300;5720084256 8;	Effect of melamine cyanurate on thermal and flame-retardant behaviour of chopped glass fibre reinforced polyphenylene ether/polystyrene/nylon-6	2022	Polymers and Polymer Composites	30		2	10.1177/0967391 1221093165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129145719&doi=10.1177%2f096 73911221093165 &partnerID=40& md5=8f222cb3d2 574f3e4140c3ab4 b9a0224	Article
Swamy, S.R., Frasin, B.A., Aldawish, I.	13405020400;926 9603400;5610352 3200;	Fekete–Szegö Functional Problem for a Special Family of m-Fold Symmetric Bi-Univalent Functions	2022	Mathemati cs	10	7	8	10.3390/math100 71165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128716542&doi=10.3390%2fmath10071165&partnerID=40&md5=60383f0e0f6205aea4ac0fc95585c138	Article
Thavasimani, K., Srinath, N.K.	57361502700;244 92408800;	OPTIMAL HYPER-PARAMETER TUNING USING CUSTOM GENETIC ALGORITHM ON DEEP LEARNING TO DETECT TWITTER BOTS	2022	Journal of Engineerin g Science and Technology	17	2			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128142977&partnerID=40&md5=66e61d4afd8f9f175461e3c022e0e075	Article

Kamasetty, B., Renduchintala, M., Shetty, L.L., Chandarshekar, S., Shettar, R.	57538284400;57535823900;57538284500;57215544610;26422599700;	Design and development of portable smart traffic signaling system with cloud-artificial intelligence enablement	2022	Indonesian Journal of Electrical Engineering and Computer Science	26	1	3	10.11591/ijeecs.v26.i1.pp116-126	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126695182&doi=10.11591%2fijeecs.v26.i1.pp116-126&partnerID=40&md5=391650fe7e8395d5018391436ba6baf9	Article
Venkata Ajay Kumar, G., Ramaa, A., Shilpa, M.	57211201262;35753758600;56195290000;	Parametric analysis of dry machining process using a novel integrated multi-attribute decision making approach	2022	Decision Science Letters	11	2	2	10.5267/j.dsl.2021.11.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122865076&doi=10.5267%2fj.dsl.2021.11.001&partnerID=40&md5=5404d75e0d555e67d0910460e3c75cbb	Article
Gowdagere, V., Venkataramanaiah, U.B.	57222076667;57412170000;	Operational transconductance amplifier-based comparator for high frequency applications using 22 nm FinFET technology	2022	International Journal of Electrical and Computer Engineering	12	2	4	10.11591/ijece.v12i2.pp2158-2168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122789587&doi=10.11591%2fijece.v12i2.pp2158-2168&partnerID=40&md5=7e2c6c35519d7a54d81777492bb940eb	Article

Kuruvachalil, L., Sandanayake, M., Kumanayake, R., Radhakrishna	58694067400;57189515636;57195955606;35771473600;	Carbon Emission and Cost Analysis of Using Hybrid Fibre White Topping Overlays—A Road Rehabilitation Feasibility Study	2022	Future Transportation	2	1	2	10.3390/futuretransp2010014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138748982&doi=10.3390%2ffuturetransp2010014&partnerID=40&md5=37c76a65d9f70079f0f249c51c0d87c3	Article
Mamatha, S.K., Krishnappa, H.K., Shalini, N.	57539684700;57188733713;58018917200;	Graph Theory Based Segmentation of Magnetic Resonance Images for Brain Tumor Detection	2022	Pattern Recognition and Image Analysis	32	1	9	10.1134/S1054661821040167	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126750361&doi=10.1134%2fS1054661821040167&partnerID=40&md5=0bb89917c901668ca52b6ebda21ebbe7	Article
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Lalitha V.P, Rangaswamy, S.	58497515600;35293507700;	Automatic object detection in aerial image using bent identity-convolutional neural network and fine tuning algorithm	2022	Multimedia Tools and Applications	81	7	1	10.1007/s11042-022-11948-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124752546&doi=10.1007%2fs11042-022-11948-7&partnerID=40&md5=984e51d54b364ba72df7a8ebe71c4e97	Article
Panda, P.K., Sahoo, B., Thejas, T.S., Krishna, M.	35562839700;57886766900;57315843800;58594757100;	High d 33 Lead-Free Piezoceramics: A Review	2022	Journal of Electronic Materials	51	3	17	10.1007/s11664-021-09346-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123111293&doi=10.1007%2fs11664-021-09346-0&partnerID=40&md5=154acdd137941617d945dce14fede816	Review
Girish, K.H., Vishnumurthy, K.A., Roopa, T.S.	57221287205;56320807800;56788001800;	Role of conducting polymers in enhancing the stability and performance of perovskite solar cells: a brief review	2022	Materials Today Sustainability	17		35	10.1016/j.mtsust.2021.100090	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121277903&doi=10.1016%2fj.mtsust.2021.100090&partnerID=40&md5=d5977315dbdf84f1d0886cc26c73ab03	Review

Meda, U.S., Lal, L., M, S., Garg, P.	23485804000;57358419500;57358600200;57358635800;	Solid Electrolyte Interphase (SEI), a boon or a bane for lithium batteries: A review on the recent advances	2022	Journal of Energy Storage	47		140	10.1016/j.est.2021.103564	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120371196&doi=10.1016%2fj.est.2021.103564&partnerID=40&md5=d38f4abcac88b8af9722380665ef4be6	Review
Ramesh, H.N., Kulkarni, M.G.R., Raghunandan, M.E., Nethravathi, S.	7007171233;57477129600;55757784826;55496505500;	Suitability of bagasse ash-lime mixture for the stabilization of black cotton soil	2022	Geomechanics and Engineering	28	3	1	10.12989/gae.2022.28.3.255	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125696724&doi=10.12989%2fgae.2022.28.3.255&partnerID=40&md5=48e3d767aa20f3328fdacf84a0788d02	Article
V Pujar, N., Nanjundaradhya, N.V., Sharma, R.S.	57471737400;57148278300;55348178700;	Experimental investigation of the tensile and modal properties of epoxy based symmetric interlayer glass/carbon hybrid composites	2022	Materials Research Express	9	2	2	10.1088/2053-1591/ac4f88	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125538103&doi=10.1088%2f2053-1591%2fac4f88&partnerID=40&md5=425ea044850c885c9b749d7e49979e2d	Article

Varuna, M., Bhavani Prasad, G., Venkateshappa, A., Amarnath, M.S.	57235799400;58383142200;56120146000;16308772200;	Influence of RAP and Waste Plastic on Cracking Resistance of Warm SMA Mixes	2022	Civil Engineering and Architecture	10	1	1	10.13189/cea.2022.100107	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122070185&doi=10.13189%2fcea.2022.100107&partnerID=40&md5=b4466476bca8f0679d68491372291e6b	Article
Kavitha, D., Renumadhavi, C.H.	57226865084;36024182900;	An efficient multilayer deep detection perceptron (MLDDP) methodology for detecting testicular anomalies with or without congenital heart disease (TACHD)	2022	Journal of Supercomputing	78	3	2	10.1007/s11227-021-04008-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113144142&doi=10.1007%2fs11227-021-04008-8&partnerID=40&md5=9a8877f2fbda186f12d93d718e209798	Article
Sarkar, S., Bhaskar, M.S., Uma Rao, K., V, P., Almakhles, D., Subramaniam, U.	57216704258;56229894300;650754597;57225192011;56663152700;57199091461;	Solar PV network installation standards and cost estimation guidelines for smart cities	2022	Alexandria Engineering Journal	61	2	9	10.1016/j.aej.2021.06.098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109450335&doi=10.1016%2fj.aej.2021.06.098&partnerID=40&md5=5ad7cb02aa9810ca62b044231b719354	Article

Nagesh, M., Suresh, R., Jayapal, R., Subramanya, K.N.	57217017174;57198152205;57191804655;35753798900;	Surface Passivation Studies of n-type Crystalline Silicon for HIT Solar Cells	2022	Transactions on Electrical and Electronic Materials	23	1	3	10.1007/s42341-021-00316-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103396872&doi=10.1007%2fs42341-021-00316-1&partnerID=40&md5=9ae295b1d473ed3abccfffb454f3f3db	Article
Nigam, I., Anjaneya, G., Manjunatha, C., Srinivas, M.R.	57441920200;57207980536;56919543200;57190847688;	Enhancement of Heat Transfer in a Concentric Tube Counter Flow Heat Exchanger using CuO Nanofluids	2022	International Journal of Vehicle Structures and Systems	14	1		10.4273/ijvss.14.1.07	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124165840&doi=10.4273%2fijvss.14.1.07&partnerID=40&md5=0faf7d40867712e9590b0cf874bf4aa4	Article
Murthy, N., Sangwan, K.S., Narahari, N.S.	57223849470;67013554395643656 9500;	Empirical classification of European Foundation for Quality Management (EFQM) model enabler sub-criteria using a quadrant matrix	2022	International Journal of Quality and Reliability Management	39	2	4	10.1108/IJQRM-10-2020-0351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106334589&doi=10.1108%2fIJQRM-10-2020-0351&partnerID=40&md5=333bbb6a3bfa248fffe0e54e16f62e85	Article

Premananda, B.S., Dhanush, T.N., Parashar, V.S.	37091407700;57205768117;57211608075;	Area and Energy Efficient QCA Based Compact Serial Concatenated Convolutional Code Encoder	2022	Journal of Physics: Conference Series	2161	1		10.1088/1742-6596/2161/1/012025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124692182&doi=10.1088%2f1742-6596%2f2161%2f1%2f012025&partnerID=40&md5=2346f810305fe63faacfcc1a8178396d	Conference Paper
Dhavamani, V., Chakraborty, S., Ramya, S., Nandi, S.	57214798741;57454731000;57204781630;57192685095;	Design and Simulation of Waveguide Bragg Grating based Temperature Sensor in COMSOL	2022	Journal of Physics: Conference Series	2161	1	6	10.1088/1742-6596/2161/1/012047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124689468&doi=10.1088%2f1742-6596%2f2161%2f1%2f012047&partnerID=40&md5=e59d376631cdfb7a998fc30ec38526ab	Conference Paper
Rao, A.A., Tan, S.Q.Y., Raghavi, R., Srivastava, A., Renumadhavi, C.H.	57223113776;57454770500;57455028600;57214793806;36024182900;	Autism Spectrum Disorder Therapy: Analysis of Artificial Intelligence integrated Robotic Approach	2022	Journal of Physics: Conference Series	2161	1	2	10.1088/1742-6596/2161/1/012038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124689408&doi=10.1088%2f1742-6596%2f2161%2f1%2f012038&partnerID=40&md5=dfd831c47743fa131834d1793efa1ffa	Conference Paper

Moulya, S., Pragathi, T.R.	57454923200;57454974300;	Mental Health Assist and Diagnosis Conversational Interface using Logistic Regression Model for Emotion and Sentiment Analysis	2022	Journal of Physics: Conference Series	2161	1	3	10.1088/1742-6596/2161/1/012039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124687118&doi=10.1088%2f1742-6596%2f2161%2f1%2f012039&partnerID=40&md5=b585c585c0c029fa2495fd3c5ba52bb8	Conference Paper
Kashid, E.V., Kumar, S.P., Joshi, S., Radhakrishnan, Y., Chiranth, C.R., Varghese, M.	57704834600;57703921700;58531437800;58531737900;58530996300;57933386300;	Effects of Long term Human Spaceflight: A consolidated Review on the pathophysiology of SANS and its countermeasures	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167626655&partnerID=40&md5=46803e7ed8eccb1bee641a729d81e399	Conference Paper
Hiremath, S.C., Hegde, S., Achar, P., Kundapur, C.S., Tata, A., Kashid, E.	58530987400;58530987500;58530987600;58531879700;58531279300;57704834600;	Comparative Study of Bubbles on Earth and Microgravity Conditions for Two Phase Gas-Liquid Flows	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167621005&partnerID=40&md5=396e54ff3e31bbcd7acc8e461cff15cd	Conference Paper

Dheeraj, G., Anil, A., Amogh, G., Kulkarni, R.	58265556400;57222003596;58531722100;58530983200;	Design and Optimization of a Combline Filter having Helical Resonator	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167618643&partnerID=40&md5=524a01f40a5a3060e389f46861bf711d	Conference Paper
Balaji, H.K., Giridharan, N.	58531282900;57222008207;	Rubitics: The Smarter GCMS for Mars	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167597334&partnerID=40&md5=c0098868604097fddafb1c13f69f1c52	Conference Paper
Prerana, M., Anil, A., Sankar, T., Ananya, H.N.	57222005005;57222003596;57222009180;58531884700;	Comparison of 2X2 Patch Antenna Due to Temperature Variation in Experimental Sounding Rockets	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167597146&partnerID=40&md5=0c2fd8a03dab8c5c4287f887a662f3ad	Conference Paper

Das, S., Bhurat, S., Kulkarni, R.S., Shivaru, C.S.	58261315100;58260571700;57214796765;57704159600;	Nuclear Powered Air-Breathing Electric Thrusters Propulsion System for Space Exploration Vehicles	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167594759&partnerID=40&md5=03aa3df19805a2965ec9fae54238db50	Conference Paper
Shivaru, C.S., Anuraag, A., Anil, A., Sankar, T., Tata, A., Das, S.	57704159600;58530875300;57222003596;57222009180;58531279300;58261315100;	Detection of Cosmic Radiation Intensity using the Geiger Counter and Photosensitive Radiation Sensors	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167586580&partnerID=40&md5=903569e2256bec11e8ef3dc08ce171df	Conference Paper
Joshi, S., Kumar, S.P., Kashid, E., Radhakrishnan, Y.	58531437800;57703921700;57704834600;58531737900;	Open Space: A Review Of Policy Making And Privatisation Of Space Sector In India	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167586195&partnerID=40&md5=81487f166bbb844b4410769b05f8bbeb	Conference Paper

Sanjay, R., Krishna, S.O., Bharadwaj, S.S., Bhatnagar, S., Shetty, N.K., Yadav, A.	58531062500;58531206400;58531062600;58531504700;58261072600;58728944600;	Orbital parameters and their effects on heat loads of a satellite	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167570438&partnerID=40&md5=03f7aed4d3f0c394f177afc6872a2bf1	Conference Paper
Vageesha, S., Darpan, B., Greeshma, A., Jain, A., Rithwik, R., Trisha, A.	57696134900;58531513300;58531070100;58531968300;58531216800;58140498300;	STUDY OF DRAG CHARACTERISTICS OF A PARACHUTE FOR LANDING ON PLANETS AND MOONS WITH DIFFERENT ATMOSPHERIC CONDITIONS AND ITS OPTIMIZATION USING GASES WITH VARYING PROPERTIES	2022	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167563117&partnerID=40&md5=beba9d53f6ae0b015cfde646716bb58c	Conference Paper
Nagamani, K., Monisha, R.	57218872766;58413250000;	Physical Layer Security Using Cross Layer Authentication for AES-ECDSA Algorithm	2022	Procedia Computer Science	215			10.1016/j.procs.2022.12.040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163774180&doi=10.1016%2fj.procs.2022.12.040&partnerID=40&md5=ba8a145b54721c7e52f21486a9634747	Conference Paper

Nischay, Sundeep, M.S.G., Reddy, R., Sunitha, R., Jatti, A.	58405343300;58409616900;56905167200;57211137476;55580963900;	Functional Connectivity Analysis of Neuronal Interactions	2022	Procedia Computer Science	218			10.1016/j.procs.2023.01.073	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163648697&doi=10.1016%2fj.procs.2023.01.073&partnerID=40&md5=7c9c7b474d571d7fbb366ae59a1e3b4c	Conference Paper
Skanda, C., Srivatsa, B., Premananda, B.S.	57211159907;57237398300;37091407700;	Secure Hashing using BCrypt for Cryptographic Applications	2022	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022				10.1109/NKCon56289.2022.10126956	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163127285&doi=10.1109%2fNKCon56289.2022.10126956&partnerID=40&md5=fbcb8d1f3373d76d86b04558b6ba9c5e	Conference Paper
Pratiba, D., Namya, L.G., Nidhi, G.K.	56125681000;57895239000;57895477200;	Efficient Management of Organizational Data forming Explicit Knowledge in the Public Sector	2022	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022				10.1109/NKCon56289.2022.10126892	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163123649&doi=10.1109%2fNKCon56289.2022.10126892&partnerID=40&md5=422d1b7ed9a840ab35bb003af7eb4ba2	Conference Paper

Bennur, S., Pai, M., Shivaiah, R.T., Premananda, B.S.	57921276300;58361518900;58362774600;37091407700;	Automated Triaging of Gate Run Test Results using Humio Tool	2022	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022				10.1109/NKCon56289.2022.10126663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163084111&doi=10.1109%2fNKCon56289.2022.10126663&partnerID=40&md5=ad28ebafa13a4512dbcd35286f9af599	Conference Paper
Muragod, P., Viswavardhan Reddy, K.	58363982000;57798047400;	Animal Intrusion Detection Using various Deep Learning Models	2022	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022			2	10.1109/NKCon56289.2022.10126526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163079807&doi=10.1109%2fNKCon56289.2022.10126526&partnerID=40&md5=8358869308e99cbb34f9613061bca06c	Conference Paper
Bharadwaj, D., Premananda, B.S.	57435082400;37091407700;	Transition of Cloud Computing from Traditional Applications to the Cloud Native Approach	2022	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022				10.1109/NKCon56289.2022.10126871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163056676&doi=10.1109%2fNKCon56289.2022.10126871&partnerID=40&md5=d787d2d41767602a3ecf0f8f872913c2	Conference Paper

Pavan, M., Reddy, B.R.	58823336000;15754415500;	Machine Learning based Prediction for Channel Stability in a 5G Network	2022	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022			1	10.1109/NKCon56289.2022.10126726	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163056645&doi=10.1109%2fNKCon56289.2022.10126726&partnerID=40&md5=a3582f80f33d6421922d40f79f1a5838	Conference Paper
Deepak, S.M., Rajeswari, M., Shivakumar, N.	57703932800;57200842566;55789385800;	Low-Cost and Sustainable Treatment Options for Removal of Cd (II) from Drinking Water Using Indigenous Materials for Rural Communities	2022	Biobased Materials: Recent Developments and Industrial Applications				10.1007/978-981-19-6024-6_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161155218&doi=10.1007%2f978-981-19-6024-6_12&partnerID=40&md5=c217a4329ccf53989184729c835825f6	Book Chapter
Shivakumar, N., Raj, S., Ahmed, S., Rajeswari, M.	55789385800;57350591300;58602763300;57200842566;	Bio Polymers and Sensors Used in Food Packaging—Present and Future Prospects	2022	Biobased Materials: Recent Developments and Industrial Applications				10.1007/978-981-19-6024-6_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161147299&doi=10.1007%2f978-981-19-6024-6_10&partnerID=40&md5=8ecc7adbdafc8ce408b93a3db8dddd5b	Book Chapter

Rajeswari, M., Rao, N.N., Agarwal, T., Kavyasree, S.	57200842566;55988649300;58305227700;58305024200;	Green Synthesis of Zinc Oxide Nanoparticles Using Citrus Sinensis (Orange) Peel Extract for Achieving Ultraviolet Blocking Properties	2022	Biobased Materials: Recent Developments and Industrial Applications				10.1007/978-981-19-6024-6_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161131679&doi=10.1007%2f978-981-19-6024-6_13&partnerID=40&md5=2fd4da57046f9511788b1bf2eff7c2e2	Book Chapter
Shivakumar, N., Ramesh Babu, M.S., Vasudeva, S., Akshay, H.	55789385800;58305225200;58304815800;58123715400;	Bio-Based Materials Used in Food Packaging to Increase the Shelf Life of Food Products	2022	Biobased Materials: Recent Developments and Industrial Applications			1	10.1007/978-981-19-6024-6_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161106412&doi=10.1007%2f978-981-19-6024-6_9&partnerID=40&md5=d702605105c1fa68982b5e063a1d245f	Book Chapter
Bhurat, S., Das, S., Shetty, N.K.	58260571700;58261315100;58261072600;	Nuclear powered air-breathing electric thrusters used in UAVs for extra−terrestrial applications	2022	33rd Congress of the International Council of the Aeronautical Sciences, ICAS 2022	6				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159687660&partnerID=40&md5=a4c9c95c3e6b22bbed9cdf6c66576df5	Conference Paper

Kulkarni, B.N., Anantharama, V.	57211643347;35408535800;	Solid Waste to Energy: A Prognostic for Sound Waste Management	2022	Handbook of Solid Waste Management: Sustainability through Circular Economy				10.1007/978-981-16-4230-2_86	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159413841&doi=10.1007%2f978-981-16-4230-2_86&partnerID=40&md5=472c72b4d18390403482380cbc8922b4	Book Chapter
Patil, B.V., Sreelakshmi, K.	58204710000;57297644300;	Implementation of Voice Based E-Mail System for Visually Challenged	2022	2022 International Conference on Futuristic Technologies, INCOFT 2022				10.1109/INCOFT55651.2022.10094386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154059714&doi=10.1109%2fINCOFT55651.2022.10094386&partnerID=40&md5=fa41112e0280f8255ebc90967e1efe33	Conference Paper
Samhitha, A., Kaganurmath, S., Rajulu, S.S.	57992712500;57222721662;58205309500;	Framework for Near Field Communication Controller Interface Protocol over Virtual IC	2022	2022 International Conference on Futuristic Technologies, INCOFT 2022				10.1109/INCOFT55651.2022.10094496	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154056263&doi=10.1109%2fINCOFT55651.2022.10094496&partnerID=40&md5=5cac7248ace89258ec23b8a678de6e4b	Conference Paper

Bhavya, M., Anala, M.R.	57215336400;55734811700;	Deep Learning Approach for Sound Signal Processing	2022	2022 International Conference on Futuristic Technologies, INCOFT 2022				10.1109/INCOFT55651.2022.10094337	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154053005&doi=10.1109%2fINCOFT55651.2022.10094337&partnerID=40&md5=0fc848f4611240d072b2c5062680f960	Conference Paper
Abbi, P., Arora, K., Gupta, P.K., Ashwini, K.B., Chayapathy, V., Vidya, M.J.	57226563083;57574016600;56608493300;57211493933;54917536500;55817931000;	Analysis and Clustering of Sensor Recorded Data to Determine Sensors Consuming the Least Energy	2022	Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks: Real-time Application				10.1002/9781119682554.ch1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153831660&doi=10.1002%2f9781119682554.ch1&partnerID=40&md5=7d0a9e1227272f04b8b1e513b556b8c1	Book Chapter
Tejesh, S.S., Bhavana, V., Krishnappa, H.K.	58198053900;57188735311;57188733713;	Prediction of Mental Health of Aged Persons based on their Nervous System using Deep Learning Algorithms	2022	2022 International Conference on Smart Generation Computing, Communication and Networkin - SMART				10.1109/SMARTGENCON56628.2022.10083869	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153677257&doi=10.1109%2fSMARTGENCON56628.2022.10083869&partnerID=40&md5=f8ae42c2bb97ac95a84ac7c98a23ad84	Conference Paper

Karthik, B.R., Shanthi, P.	55305730500;57191618620;	Dielectric Coupled Microstrip Patch Multilayered Antenna for wide scan application	2022	2022 International Conference on Smart Generation Computing, Communication and Networkin - SMART				10.1109/SMARTGENCON56628.2022.10083754	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153675160&doi=10.1109%2fSMARTGENCON56628.2022.10083754&partnerID=40&md5=1a50689748c00233ff2369d99e780fad	Conference Paper
Pandey, S.P., Satapathy, S., Mishra, S.P., Uttara Kumari, M.	57211201991;58198107700;57435311000;55340461500;	Sound Localisation of an Acoustic Source Using Time Delay and Distance Estimation	2022	2022 International Conference on Smart Generation Computing, Communication and Networkin - SMART				10.1109/SMARTGENCON56628.2022.10084280	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153673931&doi=10.1109%2fSMARTGENCON56628.2022.10084280&partnerID=40&md5=4f9a84cb6a270bab3e2006fb3a063124	Conference Paper
Jha, V.	57200210806;	Investigation of the Performances of Different PV Array Configurations in the Presence of Protection Diodes	2022	10th IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2022				10.1109/PEDES56012.2022.10080416	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152393895&doi=10.1109%2fPEDES56012.2022.10080416&partnerID=40&md5=1a50905d62c307b38454cb294da9fc7a	Conference Paper

Gowramma, G.S., Nayak, S., Cholli, N.G.	57218830731;57208817073;57202086135;	IVF Success Rates Prediction Using Hybrid ANN-GA based Machine Learning Model	2022	2022 4th International Conference on Cognitive Computing and Information Processing, CCIP 2022				10.1109/CCIP57447.2022.10058652	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152224399&doi=10.1109%2fCCIP57447.2022.10058652&partnerID=40&md5=178269cd36f9aee33d52a7335d635f76	Conference Paper
Karunatharaka, B., Kamal, S., Sharvani, G.S.	58178651000;57477685200;35293488200;	Minimal Multi-tasking Operating System for RISC-V	2022	Proceedings - 2022 4th International Conference on Advances in Computing, Communic				10.1109/ICAC3N56670.2022.10073988	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152191524&doi=10.1109%2fICAC3N56670.2022.10073988&partnerID=40&md5=952fbeaaf967040bc4a11519770c22e4	Conference Paper
Sharvani, G.S., Anjum, R.	35293488200;58178553000;	A Brief on Blockchain and cryptocurrency system	2022	Proceedings - 2022 4th International Conference on Advances in Computing, Communic				10.1109/ICAC3N56670.2022.10074358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152191366&doi=10.1109%2fICAC3N56670.2022.10074358&partnerID=40&md5=aad05a6e48ea5cd3353db640b7079d53	Conference Paper

Navya Priya, N., Vishalakshi Prabhu, H.	57303846000;58178678400;	FlawFix:Automated Vulnerability Fixing Tool for Open Source Libraries	2022	Proceedings - 2022 4th International Conference on Advances in Computing, Communication				10.1109/ICAC3N56670.2022.10074533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152189745&doi=10.1109%2fICAC3N56670.2022.10074533&partnerID=40&md5=eb6e3087f4100fb29ff7e56059d07c71	Conference Paper
Ashritha, M.G., Hareesh, K.	57218921642;55542146900;	Electrode materials for EDLC and pseudocapacitors	2022	Smart Supercapacitors: Fundamentals, Structures, and Applications			3	10.1016/B978-0-323-90530-5.00033-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151657866&doi=10.1016%2fB978-0-323-90530-5.00033-2&partnerID=40&md5=b1c6f93637002818852d99ff882a97f7	Book Chapter
Ali, S., Sunanda, C., Hemalatha, J.N.	58165022400;57193055031;55618670700;	Epilepsy Prediction using Machine Learning	2022	AIST 2022 - 4th International Conference on Artificial Intelligence and Speech Technology				10.1109/AIST55798.2022.10065163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151268270&doi=10.1109%2fAIST55798.2022.10065163&partnerID=40&md5=92758412a1b78e63bb6596bb1a0cf3be	Conference Paper

Niranjan, P.K.	57214730097;	The Radio k-chromatic Number for the Corona of Arbitrary Graph and K1	2022	Springer Proceedings in Mathematics and Statistics	415			10.1007/978-981-19-9307-7_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151046764&doi=10.1007%2f978-981-19-9307-7_15&partnerID=40&md5=40a6d2a90e8ca5f1ac77a8104c0c54ec	Conference Paper
Bharathi, R., Sumathi, M.S., Bhagya, R.	57213615527;57198890130;57200210743;	A Relative Study on Half-Wavelength and Stepped Impedance Resonator based Microstrip Band-Pass Filter	2022	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceeding				10.1109/IIHC55949.2022.10060401	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150804018&doi=10.1109%2fIIHC55949.2022.10060401&partnerID=40&md5=c0a1a90905420f228846f3c2440decbe	Conference Paper
Harshavardhan, K.S., Mahesh	58155361300;58156549700;	Urban sound classification using ANN	2022	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceeding			2	10.1109/IIHC55949.2022.10060146	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150792323&doi=10.1109%2fIIHC55949.2022.10060146&partnerID=40&md5=f87b5c371cb7bf5f4630d46d25756578	Conference Paper

Anitha, G.S., Sumathi, M.S., Rahaman, S., Thejaswini, S.	58614773600;57198890130;57200800324;57209971663;	Web Sensor Network for Health Monitoring Systems	2022	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceeding				10.1109/IIHC55949.2022.10060685	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150786470&doi=10.1109%2fIIHC55949.2022.10060685&partnerID=40&md5=1567cc3422c02b0926e5907e258533e0	Conference Paper
Bhat, H.K., Mukund, A., Nagaraj, S., Prakash, R.	58435951100;57877610400;57205507417;57208567581;	U-shaped Transformers for 3D Lung Cancer Segmentation	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES				10.1109/ICKECS56523.2022.10059627	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150680904&doi=10.1109%2fICKECS56523.2022.10059627&partnerID=40&md5=768a2cb0d04bfb619a3a747b327533ea	Conference Paper
Chippalakatti, S., Renumadhavi, C.H., Pallavi, A.	58099393500;36024182900;56538666600;	Comparison Of Unsupervised Machine Learning Algorithm F or Dimensionality Reduction	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES				10.1109/ICKECS56523.2022.10060625	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150677253&doi=10.1109%2fICKECS56523.2022.10060625&partnerID=40&md5=300614e8ecb053d69cb26a3e1c704e20	Conference Paper

Kamat, S., Kumar, S., Philip, S., Kumari, M.	57214998543;58842929200;58540485100;71031765225;	Secondary metabolites from marine fungi: current status and application	2022	Microbial Biomolecules: Emerging Approach in Agriculture, Pharmaceuticals and Environment Manageme			2	10.1016/B978-0-323-99476-7.00001-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150544175&doi=10.1016%2fB978-0-323-99476-7.00001-6&partnerID=40&md5=7801e8da8dab4d8c9b985fa04cf51ea8	Book Chapter
Bansal, A., Patel, D.N., Rishabh, K., Sneha, M.	57202045155;58145810000;58145198800;56538461000;	Stock Prediction Model using Seq2Seq and Bi-directional LSTM	2022	4th International Conference on Circuits, Control, Communication and Computing, I4C 2022			4	10.1109/I4C57141.2022.10057690	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150285749&doi=10.1109%2fI4C57141.2022.10057690&partnerID=40&md5=e7c8011e7aae8ff0f0b98a1e358bb24f	Conference Paper
Chandrashekhar, P.K., Srivani, S.G.	57215598271;26422586800;	Wide Area Based Online Transient Stability Prediction Using Regression Model	2022	7th IEEE International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2022 - Proceedin				10.1109/ICRAIE56454.2022.10054249	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150036372&doi=10.1109%2fICRAIE56454.2022.10054249&partnerID=40&md5=2cb232c6b7a331ded6bae2ecbc3fb4e	Conference Paper

Sarkar, I., Vattikuti, S., Jasmine, K.S.	58133952600;58134358300;24476266900;	COVID-19 Vaccines Analysis to Predict Its Impact Across the World	2022	Communications in Computer and Information Science	1738 CCIS			10.1007/978-3-031-23724-9_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149656480&doi=10.1007%2f978-3-031-23724-9_14&partnerID=40&md5=aa7fd5d9a9b675704e58d6067fa51123	Conference Paper
Metri, P.C., Shambulinga, M., Kumar Gowda, U.	58131869800;57189238537;58132645400;	Design and Simulation of RF Front End Receiver Mixer for 5G NR Application	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				10.1109/MAPCON56011.2022.10047420	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149586539&doi=10.1109%2fMAPCON56011.2022.10047420&partnerID=40&md5=4869842a562162635ede9d3cdf4f369a	Conference Paper
Meghana, U., Srividya, P.	57224418038;55842449800;	Low Power and Long Range Dual-Mode Bluetooth Controller	2022	2nd IEEE International Conference on Advanced Technologies in Intelligent Control, Environment, Computing				10.1109/ICATIECE56365.2022.10046711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149579979&doi=10.1109%2fICATIECE56365.2022.10046711&partnerID=40&md5=32c35d631fa65bab54e022878f0ac874	Conference Paper

Bhat, A.A., Chikkodi, R., Mahesh, A., Kedar, A.	57190837708;57435039800;57028659000;70036562669;	High Gain, Wide Band and Wide Scanning Substrate Integrated Waveguide based U-Slot Phased Array Antenna for X-band	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				10.1109/MAPCON56011.2022.10046847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149577473&doi=10.1109%2fMAPCON56011.2022.10046847&partnerID=40&md5=4a126881df088715aaec2d93e16dd88e	Conference Paper
Adiga, A.K., Mahesh, A., Dash, J.C., Sarkar, D.	57782319200;57028659000;57211263112;36782986700;	CSRR and Stub Loaded Miniaturised Tri-band Patch Antenna for 5G Base Station Application	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				10.1109/MAPCON56011.2022.10047742	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149556192&doi=10.1109%2fMAPCON56011.2022.10047742&partnerID=40&md5=ad2a9cf16e36e3b66e8cc9d13f6c58ae	Conference Paper
Vangol, P., Mahesh, A., Dash, J.C., Sarkar, D.	57435313000;57028659000;57211263112;36782986700;	Design of an S-Band Transmit-Mode Active Integrated Antenna for Low Power IoT Application	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				10.1109/MAPCON56011.2022.10047711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149524918&doi=10.1109%2fMAPCON56011.2022.10047711&partnerID=40&md5=d02b6b29d1365567d0e4710dd69c59ba	Conference Paper

Ahmed, L.M., Anirudh Koushik, B.A., Charan Kumar, G.M., Neethu, S.	58132061600;58132256100;57216386941;57201861956;	Simulation of Direction of Arrival Using MUSIC Algorithm and Beamforming using Variable Step Size LMS Algorithm	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				10.1109/MAPCON56011.2022.10047120	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149512897&doi=10.1109%2fMAPCON56011.2022.10047120&partnerID=40&md5=a95737a712278e5e2b49f13c9933c7db	Conference Paper
Shruthi, M., Bhat, A.A., Mahesh, A., Kedar, A.	58900417700;57190837708;57028659000;70036562669;	A Comparative Analysis of Dielectric Lenses for Wide Scanning Performance	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				10.1109/MAPCON56011.2022.10046823	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149512441&doi=10.1109%2fMAPCON56011.2022.10046823&partnerID=40&md5=f2d9b9ca348c27505b5452c274d0ba3f	Conference Paper
Songara, H., Varma, D.R., Jamadagni, A.S., Shreya, K.S., Badiger, S.	58125110700;57867037700;58124517900;58124667300;57201858706;	Intersection over Area: A Sensor Fusion Algorithm for Accurate Distance Estimation in Autonomous Vehicles	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference				10.1109/INDICON56171.2022.10039934	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149258222&doi=10.1109%2fINDICON56171.2022.10039934&partnerID=40&md5=e0daa1cecabba37b6bfcfd3d8c3b5cc8	Conference Paper

Shilpa, D.R., Karjigi, V.R., Naik, H.M., Kumar, V., Marathe, K.S.	56112828300;58125076900;58125077000;58124925500;58125210100;	Development of Automation Tool for Optimising Floorplan of a Given VLSI Design	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference				10.1109/INDICON56171.2022.10039739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149206244&doi=10.1109%2fINDICON56171.2022.10039739&partnerID=40&md5=5aa988d51d535826de818ada09a6ef7b	Conference Paper
Tomar, H.V., Anand, A., Harsha, H.L., Deshwal, A., Badari Nath, K.	58122434300;57477810900;58122583600;58122281700;56857620700;	Smart Home Automation Device' Using Raspberry Pie and Arduino Uno	2022	2022 IEEE 1st International Conference on Data, Decision and Systems, ICDDS 2022				10.1109/ICDDS56399.2022.10037544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149132000&doi=10.1109%2fICDDS56399.2022.10037544&partnerID=40&md5=e215b437fca89fabe97d820a3a0a987c	Conference Paper
Mohapatra, E., Jena, D., Das, S., Jena, J., Dash, T.	57210616663;57216315047;57223713212;57192540368;57189380550;	Work-Function Variability impact on the performance of Vertically Stacked GAA FETs for sub-7nm Technology Node	2022	Proceedings of 2022 IEEE International Conference of Electron Devices Society Kolkata Chapter, EDKCON			3	10.1109/EDKCON56221.2022.10032850	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148685912&doi=10.1109%2fEDKCON56221.2022.10032850&partnerID=40&md5=a5bdaa844e9083195b8243c057f2f4f7	Conference Paper

Prapulla, S.B., Patra, S.M., Subramanya, K.N., Uma, B.V.	57193065088;7007045200;35753798900;55130921800;	Techniques for Strengthening 21st Century Learners' Critical Thinking Skills	2022	Journal of Engineering Education Transformations	36	special issue 2		10.16920/jeet/2023/v36is2/23078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148502919&doi=10.16920%2fjeet%2f2023%2fv36is2%2f23078&partnerID=40&md5=28a13b2ae1a5eb05cdedf38e2b8b50f1	Article
Vaishak, B., Hoysala, S., Pavankumar, V.H., Mohana	58107457900;57226377236;58107328400;57113679700;	Currency and Fake Currency Detection using Machine Learning and Image Processing - An Application for Blind People using Android Studio	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedin			1	10.1109/ICACRS55517.2022.10029296	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148326254&doi=10.1109%2fICACRS55517.2022.10029296&partnerID=40&md5=38f28eb2afd92a30722374c236b0aaf6	Conference Paper
Kumar, P., Usha Rani, K.R.	57716393600;36783798100;	Inter Numerology Interference Minimization Using Windowing and Precoding Techniques for 5G NOMA Based OFDM Numerologies	2022	2022 IEEE 2nd International Conference on Mobile Networks and Wireless Communications, ICMNWC 2022			1	10.1109/ICMNWC56175.2022.10031998	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148297616&doi=10.1109%2fICMNWC56175.2022.10031998&partnerID=40&md5=0e43dbfb6903449000ebd90b11df0476	Conference Paper

Manjunath, P., Shanthi, P.	57477683100;57191618620;	Design of Combline Cavity Diplexer for Two Channel Ultra High Frequency Bands	2022	2022 IEEE 2nd International Conference on Mobile Networks and Wireless Communications, ICMNWC 2022				10.1109/ICMNWC56175.2022.10031787	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148284637&doi=10.1109%2fICMNWC56175.2022.10031787&partnerID=40&md5=4d1093760b06bb1bcb63ab1295f35fd5	Conference Paper
Kumaraskanda, B.B., Shetty, K.D., Pukale, H.S., Nidhi, K., Prapulla, S.B., Shobha, G.	58102247500;57214792717;58102377500;57477660200;57193065088;14829661100;	Structural Health Monitoring of Water Pipes	2022	Communications in Computer and Information Science	1697 CCIS			10.1007/978-3-031-22405-8_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148002941&doi=10.1007%2f978-3-031-22405-8_31&partnerID=40&md5=59705badfbba61bd907e8362603608bd	Conference Paper
Subramanya, K.N.	35753798900;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147891127&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=7746781bba032db5205eba13a5436a10	Editorial

Dharani, A.	54383109800;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147886943&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=6720040dcc27a017024f6a06b5dd44892	Editorial
Sagar, B.M.	57193071793;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147884352&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=e05362f9fb5fe70959f9e9e7f110dcbd	Editorial
Sreelakshmi, K.	57297644300;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147877517&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=1c89b4b48cb258623ed8cac3fa7bf423	Editorial

Renu Madhavi, C.H.	57210109422;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147875448&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=694def1e2b203505e1d9c28643687a97	Editorial
Geetha, K.S.	58796004900;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147873036&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=a0fb880bae444c5ba91273e4737f482e	Editorial
Sathish Babu, B.	57225907135;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147870448&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=6b0f506b3acbac0925e1132d3ccfcb39	Editorial

Ramakanth Kumar, P.	6506962203;	MESSAGE	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147862029&doi=10.1109%2fCSITSS57437.2022.10026361&partnerID=40&md5=30ca9038a07666bec948714802e51c87	Editorial
Giridharan, N., Pranav, P.V.	57222008207;58099217700;	Next-Gen Swarm Cubesats' Synchronization and Re-Programmability	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147857576&doi=10.1109%2fCSITSS57437.2022.10026358&partnerID=40&md5=dd3aeb428c95617b5e0b958e616fe820	Conference Paper
Vishnu, R., Shambulinga, M., Hari, S.	58370535300;57189238537;58099365300;	Design of Active Frequency Multiplier for X-Band Radar Application	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147856394&doi=10.1109%2fCSITSS57437.2022.10026360&partnerID=40&md5=29cac37914e66ef7e2017bbdadc59c28	Conference Paper

Sai, B., Thanigaivelu, S., Shivaani, N., Shyamala Babu, C.S., Ramaa, A.	58099268400;58099342900;58099343000;58099343100;35753758600;	Integration of Chatbots in the Procurement Stage of a Supply Chain	2022	6th IEEE International Conference on Computational System and Information Technology for			1	10.1109/CSITSS57437.2022.10026367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147855613&doi=10.1109%2fCSITSS57437.2022.10026367&partnerID=40&md5=8fff7fee84624429decd32413d8dcf4d	Conference Paper
Shanthi, P., Ss, A.S., Dipesh Pareriya, N.	57191618620;58099281400;58099395200;	Deep Learning Approach for Radiation Pattern Synthesis of an Antenna	2022	6th IEEE International Conference on Computational System and Information Technology for			2	10.1109/CSITSS57437.2022.10026386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147855594&doi=10.1109%2fCSITSS57437.2022.10026386&partnerID=40&md5=b12eb99996a78e3b37aef9fcdb586199	Conference Paper
Prabhu, A.A., Jain, R., Naik, Y.G.	58099250800;58099229800;57205290792;	Prototyping Smart Eyewear	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026373	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147855511&doi=10.1109%2fCSITSS57437.2022.10026373&partnerID=40&md5=2c057d77d7e59d2c76a95eab8b19ad42	Conference Paper

Kanumuri, C.R., Madhavi, C.R., Chandra, T.R.	57210372336;57211313999;57750452600;	Cognitive Computing in diagnosis of Covid-19 from CT scan and radiograph images: A comparative study	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable			1	10.1109/CSITSS57437.2022.10026409	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147853979&doi=10.1109%2fCSITSS57437.2022.10026409&partnerID=40&md5=aed7254bca00c1b63f8b5a8ef0b76f84	Conference Paper
Harshavardhan, K.H., Sreelakshmi, K.	58099275500;57297644300;	Design of C-Band Microwave Oscillator	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026390	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147853836&doi=10.1109%2fCSITSS57437.2022.10026390&partnerID=40&md5=18f508e1d66cc91a53e716f869e6ce78	Conference Paper
Sundari, A.M.A., Bhatt, D., Bhagya, R.	57478166700;58099249200;57200210743;	Development of 3D Building Model Using Augmented Reality	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable			1	10.1109/CSITSS57437.2022.10026362	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147853681&doi=10.1109%2fCSITSS57437.2022.10026362&partnerID=40&md5=9b134eb5fd88e9fabe133a3c3fdbdd9c	Conference Paper

Prabhu, A.A., Shylashree, N., Aishwarya, M.K., Deshpande, A.	58099250800;56045640200;58698097300;57202899762;	Static Timing Analysis of Multibit Flipflop based LFSR	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026403	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147852845&doi=10.1109%2fCSITSS57437.2022.10026403&partnerID=40&md5=6a4be75f2ca468c0a412cd54014eb385	Conference Paper
Bhajantri, S.H., Reddy B, R.	58099140200;58099181500;	IMPLEMENTATION OF MACHINE LEARNING ALGORITHM FOR COVID19 DETECTION USING X-RAY AND VOICE DATASET	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable				10.1109/CSITSS57437.2022.10026359	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147850010&doi=10.1109%2fCSITSS57437.2022.10026359&partnerID=40&md5=cd20fdd0f235ce3341d1acfd67b61383	Conference Paper
Shet, A.V., Bs, C., Shetty, A.A., Shankar, T., Hemavathy, R., Ramakanth, P.	58099438300;58099240900;58099201800;56251908600;24168391100;57203341048;	Face Detection and Recognition in Near Infra-Red Image	2022	6th IEEE International Conference on Computational System and Information Technology for Sustainable			1	10.1109/CSITSS57437.2022.10026378	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147846526&doi=10.1109%2fCSITSS57437.2022.10026378&partnerID=40&md5=b8194fd76ed2e39fdaf73b522959f9e8	Conference Paper

Vanishree, K., Halappanavar, N.H., Mukkannavar, S.R., Nishant, N.M., Nagaraja, S.G.	57222255051;58099306000;58099267000;58099151300;6603530464;	Comparative study of Machine learning Approaches on Cropland Mapping	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026372	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147845292&doi=10.1109%2fCSITSS57437.2022.10026372&partnerID=40&md5=86848e875a395bc8e2bcfb9544a14eb9	Conference Paper
Pratiksha Narasimha Nayak, G., Dey, N., Neha, N., Hariprasad, M., Moharir, M., Sandhya, S.	58099414700;57478313600;57740496300;57478067200;54419033000;35185484500;	Examination of QUIC-based Website Fingerprinting	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026400	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147845048&doi=10.1109%2fCSITSS57437.2022.10026400&partnerID=40&md5=744c408624fbe3dc82f8024ebea0702f	Conference Paper
Shreelakshmi, V., Shambulinga, M.	58099152300;57189238537;	Design and Simulation of a Low-Noise Amplifier for Radar Application at 5 GHz Frequency Band	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026374	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147843227&doi=10.1109%2fCSITSS57437.2022.10026374&partnerID=40&md5=1a0cf72e965501805502840203db62ef	Conference Paper

Dhanush, S., Sreelakshmi, K., Dora, G.R.K., Hari, S.	58478877900;57297644300;58099290100;58099365300;	LNA Design for LEO Space S-Band Applications	2022	6th IEEE International Conference on Computational System and Information Technology for				10.1109/CSITSS57437.2022.10026407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147842030&doi=10.1109%2fCSITSS57437.2022.10026407&partnerID=40&md5=2ef814281413ab5ce7ba6c26066cc6b4	Conference Paper
Chippalakatti, S., Renumadhavi, C.H., Pallavi, A.	58099393500;36024182900;56538666600;	Comparative Review on the Machine Learning Algorithms for Medical Data	2022	6th IEEE International Conference on Computational System and Information Technology for			2	10.1109/CSITSS57437.2022.10026396	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147841970&doi=10.1109%2fCSITSS57437.2022.10026396&partnerID=40&md5=e28bd22dd9e4ba9b2cd5d149c58f73cb	Conference Paper
Dasu, S., Ranade, M.M., Sarkar, S., Anala, M.R.	58093838400;58093875000;57704846500;55734811700;	Computer Vision based Tools and Technologies for Navigational Assistance for the Visually Impaired	2022	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS				10.1109/ICAISS55157.2022.10010946	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147551867&doi=10.1109%2fICAISS55157.2022.10010946&partnerID=40&md5=9086f2f3e4d56145773353c033bd3878	Conference Paper

Bhavan, S.A., Mohana	58093998400;57113679700;	YOLOv5 Crop Detection Deep Learning Model using Artificial Intelligence (AI) and Edge Computing	2022	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS				10.1109/ICAISS55157.2022.10010894	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147549295&doi=10.1109%2fICAISS55157.2022.10010894&partnerID=40&md5=5ddeaaf2388e1903c571264f61b8e552	Conference Paper
Kejriwal, R., Mohana	57224210338;57113679700;	Artificial Intelligence (AI) in Medicine and Modern Healthcare Systems	2022	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS			2	10.1109/ICAISS55157.2022.10010939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147542862&doi=10.1109%2fICAISS55157.2022.10010939&partnerID=40&md5=c7060d61ab240d1bb874b60574eab805	Conference Paper
Nisha, U.N., Ranjani, G.	57215494943;57189234085;	Deep Learning Based Night Time Vehicle Detection for Autonomous Cars using Generative Adversarial Network	2022	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS			1	10.1109/ICAISS55157.2022.10010725	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147541913&doi=10.1109%2fICAISS55157.2022.10010725&partnerID=40&md5=a306806ccc7e67d07b4e1456d2b25393	Conference Paper

Vikram, A., Kumar, S., Mohana	58321663100;58136554000;57113679700;	Blockchain Technology and its Impact on Future of Internet of Things (IoT) and Cyber Security	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022			4	10.1109/ICECA55336.2022.10009621	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147525431&doi=10.1109%2fICECA55336.2022.10009621&partnerID=40&md5=5d8166e99515d978c7f18f1538be4210	Conference Paper
Nishanth, S., Manu, S.R., Sagar, B.M., Padmashree, T., Cauvery, N.K.	58643298400;58093196100;57193071793;57189240357;35291528300;	Performance of CPUs and GPUs on Deep Learning Models For Heterogeneous Datasets	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022			1	10.1109/ICECA55336.2022.10009148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147505211&doi=10.1109%2fICECA55336.2022.10009148&partnerID=40&md5=4bb281e0979e584c79fa54cbd625f971	Conference Paper
Anand, A., Hariprasad, M., Dey, N., Samhitha, S., Shetty, J., Shobha, G.	57477810900;57478067200;57478313600;57478067100;55994536900;14829661100;	Examining Deep Learning Methods For The Detection Of Sepsis	2022	2022 6th International Conference on Computing, Communication, Control and Automatio				10.1109/ICCUBEA54992.2022.10010584	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147438310&doi=10.1109%2fICCUBEA54992.2022.10010584&partnerID=40&md5=64871b01e668d1d49e2c33e25b7645d0	Conference Paper

Srivastava, S., Shaikh, M.A., Shivaneetha, G., Moharir, M.	57842639400;58091268700;58091619000;54419033000;	Intelligent congestion control for NoC architecture in Gem5 simulator	2022	Proceedings - 2022 IEEE 15th International Symposium on Embedded Multicore/ Many-Core Systems-on-Chip			2	10.1109/MCSoC57363.2022.00062	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147423920&doi=10.1109%2fMCSoC57363.2022.00062&partnerID=40&md5=73a88a7deb9d9c9b17143481c2cd93f5	Conference Paper
S J, S., S C, P.K., Assegie, T.A.	58081365800;58081365900;57209398365;	A cost-sensitive logistic regression model for breast cancer detection	2022	Imaging Science Journal	70	1	1	10.1080/13682199.2022.2161697	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147018894&doi=10.1080%2f13682199.2022.2161697&partnerID=40&md5=0f0f0abbabd5d73b42965cc06020159d	Article
Pachauri, R.K., Minai, A.F., Kuchhal, P., Jha, V., Shashikant	55994252000;37057596100;660272585 9;57200210806;57555558200;	PV Array Reconfiguration Methods based on Game Theory to Eliminate Shading Effect during Non-uniform Irradiations: Experimental Feasibility	2022	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR				10.1109/STCR55312.2022.10009493	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147000349&doi=10.1109%2fSTCR55312.2022.10009493&partnerID=40&md5=2593266e37b2acdf88d74ac98535bea4	Conference Paper

Jakabal, R., Nagaraja, G.S.	58066643600;6603530464;	A Solution for Prediction and Tracking of Alzheimer Disease using Secure and Energy Efficient Internet-of-Things	2022	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Application				10.1109/ICCCMLA56841.2022.9989262	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146311764&doi=10.1109%2fICCCMLA56841.2022.9989262&partnerID=40&md5=9bc837874583d9903796aa3487cc312a	Conference Paper
Hemalatha, R.V., Saraswathi, K.	57211618173;7004098492;	Bit Loading of GFDM based Communication System for IoT Applications	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022				10.1109/GCAT55367.2022.9971856	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145442150&doi=10.1109%2fGCAT55367.2022.9971856&partnerID=40&md5=93e723003311ae8d34b80fa4f642e06b	Conference Paper
Likitha, T., Medam, V., Ranjani, G.	57205442100;57202886723;57189234085;	ADC-PWM Synchronization for Motor Control Unit Development	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022			1	10.1109/GCAT55367.2022.9972020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145441317&doi=10.1109%2fGCAT55367.2022.9972020&partnerID=40&md5=7bc7d117ed67cdd6f40f44a066c9f94d	Conference Paper

Prabhakar, K., Reddy, B.R.	58040346300;15754415500;	Implementation of Machine Learning Algorithms for Brain Tumor Classification using MRI and Numerical Dataset	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022			1	10.1109/GCAT55367.2022.9971904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145440090&doi=10.1109%2fGCAT55367.2022.9971904&partnerID=40&md5=fc27a44e4a352ead61ac39823e9fa6dc	Conference Paper
Lingesh, S., Shobha, G.	58040358700;14829661100;	Localization of Ultra Wide-Band Enabled Devices	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022				10.1109/GCAT55367.2022.9971863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145439788&doi=10.1109%2fGCAT55367.2022.9971863&partnerID=40&md5=1d9ba89479276fd3c22a846f44be062f	Conference Paper
Siddiqa, A., Sahoo, S., Saraswathi, K.	58040163200;58040163300;70040988492;	Design And Implementation Of Indoor Positioning Using UWB Positioning Algorithm For Indoor Navigation	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022			1	10.1109/GCAT55367.2022.9971871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145439116&doi=10.1109%2fGCAT55367.2022.9971871&partnerID=40&md5=335ecc4ae7c1b6c62f2efdb286ed5462	Conference Paper

Dev, V.K.R.G., Reddy, K.V.	58040213100;57216412900;	Implementation of Server Based Authentication Security System using Augmented Reality	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022				10.1109/GCAT55367.2022.9972096	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145438814&doi=10.1109%2fGCAT55367.2022.9972096&partnerID=40&md5=722ce5866907a2f2003527c8939afaaa	Conference Paper
Nag, S.R.J., Mithun, T.P.	58040235000;57215549539;	Understanding Software Upgrade and Downgrade Processes in Data Centers	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022				10.1109/GCAT55367.2022.9972128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145438232&doi=10.1109%2fGCAT55367.2022.9972128&partnerID=40&md5=5f1b1ab3f315db36f73f82d926892257	Conference Paper
Kumar, R.H., Subramanian, G.M.	57225853611;57224313810;	Multi-Robot Security System based on Robot Operating System and Hybridized Blockchain Model	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022			1	10.1109/GCAT55367.2022.9971918	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145437416&doi=10.1109%2fGCAT55367.2022.9971918&partnerID=40&md5=3fed4d36ad6e8d524029d988a2cc42e5	Conference Paper

Shruthi, S., Saraswathi, K.	57210622088;7004098492;	Performance Analysis of Sparse Code Multiple Access Transceiver System for Massive Machine - Type Communication	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022			1	10.1109/GCAT55367.2022.9971840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145435543&doi=10.1109%2fGCAT55367.2022.9971840&partnerID=40&md5=af3115fd9d0ca342fdbc16ff4705d087	Conference Paper
Sharma, D., Shanthi, P.	58280918100;57191618620;	Design & Implementation of Microstrip Interdigital Band-Pass Filter for X-Band Applications	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022				10.1109/GCAT55367.2022.9972048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145432523&doi=10.1109%2fGCAT55367.2022.9972048&partnerID=40&md5=b07437427ef7d65dd93b3d720ea1530c	Conference Paper
Dev, V.K.R.G., Ranjani, G.	58040213100;57189234085;	An Optimized FPGA Architecture for GPS Signal Acquisition	2022	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022			1	10.1109/GCAT55367.2022.9972099	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145431908&doi=10.1109%2fGCAT55367.2022.9972099&partnerID=40&md5=08a5ff33848ded545c42b644007ef9a9	Conference Paper

Nagaraju, P., Sachina, D.H., Khan, I., Kumaraswamy, H.V., Sudhindra, K.R.	57202905578;58039002100;57195219939;24534870500;57209293082;	Analysis of C-shape Slotted MSPA for 5G Sub Band Applications on Three Different Substrates	2022	International Journal of Electronics and Telecommunications	68	4		10.24425/ijet.2022.143877	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145358706&doi=10.24425%2fijet.2022.143877&partnerID=40&md5=2122b94ed59926f6f238923931dd0fcb	Article
Anand, P., Premananda, B.S.	57921145800;37091407700;	Secure Bootloader for Connectivity MCU	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference			3	10.1109/MysuruCon55714.2022.9972554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145352038&doi=10.1109%2fMysuruCon55714.2022.9972554&partnerID=40&md5=3489d589d90f4afa30f5d43f1fbb06cc	Conference Paper
Naveen, A.M., Ravish, R., Ranga Swamy, S.	57541028700;57205446399;57223162629;	Distributional Reinforcement Learning For Automated Driving Vehicle	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference				10.1109/MysuruCon55714.2022.9972471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145348615&doi=10.1109%2fMysuruCon55714.2022.9972471&partnerID=40&md5=e2fb5481bcd3455bf26ef9e809d920ef	Conference Paper

Bagali, J., Nanjundaradhya, N.V., Sharma, R.S.	57999816500;57148278300;55348178700;	Optimization of Resistance Spot Welding Parameters in a Shop Floor Environment to Achieve Desired Spot Size in Low Carbon Steel Sheet	2022	Key Engineering Materials	934			10.4028/p-xa55lv	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143731041&doi=10.4028%2fp-xa55lv&partnerID=40&md5=d1c0abdb10c6e0d6da97b536e7998ff2	Book Chapter
Gupta, A., Chawla, A., Shushrutha, K.S., Mohana	58264657000;57575885200;56556976900;57113679700;	Intelligent Information Retrieval: Handling Variability in Document Structure	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceeding				10.1109/ICOSEC54921.2022.9951912	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143725080&doi=10.1109%2fICOSEC54921.2022.9951912&partnerID=40&md5=d8584157b2f44203e49745af18c2675b	Conference Paper
Ritika, H.J., Mohana	57614785200;57113679700;	Fraud Detection and Management for Telecommunication Systems using Artificial Intelligence (AI)	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceeding			2	10.1109/ICOSEC54921.2022.9951889	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143723930&doi=10.1109%2fICOSEC54921.2022.9951889&partnerID=40&md5=1a7b79f208d2d307963564ed453d2fef	Conference Paper

Vinaykarthik, B.C., Mohana	57420208800;57113679700;	Design of Artificial Intelligence (AI) based User Experience Websites for E-commerce Application and Future of Digital Marketing	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceeding			3	10.1109/ICOSEC54921.2022.9952005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143700224&doi=10.1109%2fICOSEC54921.2022.9952005&partnerID=40&md5=bc34df125e34c97eb4820b2977734afb	Conference Paper
Harikrishnakumar, R., Ahmad, S.F., Nannapaneni, S.	57215428486;57209916607;56470632000;	Comparing Quantum Optimization Solvers for Rebalancing Analysis of Bike Sharing System	2022	Proceedings - 2022 IEEE International Conference on Quantum Computing and Engineering, QCE 2022				10.1109/QCE53715.2022.00106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143632421&doi=10.1109%2fQCE53715.2022.00106&partnerID=40&md5=41f5f728ed477a6b6b4d5becbc81fb37	Conference Paper
Subramanya, S., Sumanth, K., Gupta, P.K., Chayapathy, V., Keshamma, E., Murugan, K.	57992555600;57993046700;56608493300;54917536500;14825407700;56641345600;	Formulation of green nanoemulsions for controlling agriculture insects	2022	Bio-Based Nanoemulsions for Agri-Food Applications			1	10.1016/B978-0-323-89846-1.00002-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143378226&doi=10.1016%2fB978-0-323-89846-1.00002-4&partnerID=40&md5=a40c03fafe96e466f5d556ae7e06c16b	Book Chapter

Ritisha, D., Pooja, R., Jasmine, K.S.	57993691500;57203955125;24476266900;	Crime Data Analysis and Prediction	2022	13th International Conference on Advances in Computing, Control, and Telecommunication Technologi	8				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143356438&partnerID=40&md5=e8fb526a36366a0d1ae4c825747be3ee	Conference Paper
Bhandary, A., Anala, M.R.	57992860800;55734811700;	Comparative Study on Handwritten Character Recognition Tools	2022	13th International Conference on Advances in Computing, Control, and Telecommunication Technologi	8				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143356204&partnerID=40&md5=11f97ac60abdeb703d1bec6520917cbb	Conference Paper
Anala, M.R., Hemavathy, R., Kulkarni, K., Samhitha, A.	55734811700;24168391100;57477533100;57992712500;	Generative Adversarial Network (GANs) for Image Translation	2022	13th International Conference on Advances in Computing, Control, and Telecommunication Technologi	8				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143342084&partnerID=40&md5=0633dbe8f1b84f2a3dab867fa04844aa	Conference Paper

Nakul, R.S., Neil, Sharma, S.K., Praveena, T.	57993195800;57992702900;57992864300;57193072047;	Traffic Violation using Distance Estimation and CNN	2022	13th International Conference on Advances in Computing, Control, and Telecommunication Technologi	8				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143322058&partnerID=40&md5=9af2449cdfa24df683796771905a6dac	Conference Paper
Vidya, R., Keshaven, B.K.	57993703500;57993047200;	Coil Design for a 3.7kW WPT Electric Vehicle Charger	2022	13th International Conference on Advances in Computing, Control, and Telecommunication Technologi	8		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143319541&partnerID=40&md5=e5830c0f2b44eae2b5ac73b091752607	Conference Paper
Ghasi, S.R., Dharani, A., Chakravorty, C.	57992868300;54383109800;55941008900;	Comparative Study of Algorithms used for Predicting Invasive Ductal Carcinoma (IDC)	2022	13th International Conference on Advances in Computing, Control, and Telecommunication Technologi	8				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143308376&partnerID=40&md5=9c0925127301ee7752412c64e8522d54	Conference Paper

Sumanth, K., Subramanya, S., Gupta, P.K., Chayapathy, V., Keshamma, E., Ahmed, F.K., Murugan, K.	57993046700;57992555600;56608493300;54917536500;14825407700;57225220646;56641345600;	Antifungal and mycotoxin inhibitory activity of micro/nanoemulsions	2022	Bio-Based Nanoemulsions for Agri-Food Applications				10.1016/B978-0-323-89846-1.00018-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143296844&doi=10.1016%2fB978-0-323-89846-1.00018-8&partnerID=40&md5=6e000388090b0181e19480093651ef1d	Book Chapter
Bhagya, R., Vishnupriya, P.B., Bharathi, R.	57200210743;57194773551;57213615527;	Implementation of Lane Change Maneuver System using Neural Network	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				10.1109/ICECAA55415.2022.9936393	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142732179&doi=10.1109%2fICECAA55415.2022.9936393&partnerID=40&md5=47610a12f07e081aa1a6a644e893838c	Conference Paper
Lokhande, S.R., Kumar, S.A.	57982222900;57213855997;	Deployment Strategy using DevOps Methodology: Cloud Container based Orchestration Frameworks	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				10.1109/ICECAA55415.2022.9936478	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142702995&doi=10.1109%2fICECAA55415.2022.9936478&partnerID=40&md5=76c29435656b595ff3c4278f39e656ea	Conference Paper

Niranjan, D.R., Mohana	57211587024;57113679700;	Jenkins Pipelines: A Novel Approach to Machine Learning Operations (MLOps)	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings			5	10.1109/ICECAA55415.2022.9936252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142699194&doi=10.1109%2fICECAA55415.2022.9936252&partnerID=40&md5=a3202658c651e2d34104915a022e447d	Conference Paper
Arora, A., Mohana	57610810400;57113679700;	Architectural and Functional Differences in Dot Net Solutions	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				10.1109/ICECAA55415.2022.9936278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142684105&doi=10.1109%2fICECAA55415.2022.9936278&partnerID=40&md5=c5dc1b20559a0172e8096ce522799151	Conference Paper
Krishna, R.H., Chandraprabha, M.N., Monika, P., Br, T., Chaudhary, V., Manjunatha, C.	55881270900;6507595436;36621854800;57981448700;8243196100;56919543200;	Biomolecule conjugated inorganic nanoparticles for biomedical applications: A review	2022	Biotechnology and Genetic Engineering Reviews			6	10.1080/02648725.2022.2147678	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142601710&doi=10.1080%2f02648725.2022.2147678&partnerID=40&md5=3c2068fe5fcdf412ff7d91004df5c504	Article

Jeevitha, B., Madhavi, K., Basutkar, S.M., Renukadevi, M.V.	57216250348;57222635529;57205650170;57202150127;	Studies on the Strength of Hollow Concrete Block Masonry Externally Bonded with Textile Reinforced Mortar Composites	2022	Electronic Journal of Structural Engineering	22	2		10.56748/ejse.223102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142501271&doi=10.56748%2fejse.223102&partnerID=40&md5=e20b03ca1dfd14fbf6f7d0c3290a5abc	Article
Bhat, P.S.V., Renukadevi, M.V., Jagadish, K.S.	57616869500;57202150127;67014577776;	Stresses in orthotropic, spherical masonry domes	2022	International Journal of Masonry Research and Innovation	7	6		10.1504/ijmri.2022.126580	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142499923&doi=10.1504%2fijmri.2022.126580&partnerID=40&md5=18445e2255e57b88f3674d9382e86f23	Article
Niranjan, P.K., Kola, S.R.	57214730097;36337692000;	On the Radio k-chromatic Number of Paths	2022	Note di Matematica	42	1		10.1285/i15900932v42n1p37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142246138&doi=10.1285%2fi15900932v42n1p37&partnerID=40&md5=09f3675245535a14ea5d648e00af7aee	Article

Srijith, Karan Bantia, R., Govardhan, N., Anala, R.M.	57966267700;57966267800;57221087386;55734811700;	Inter-Service Communication among Microservices using Kafka Connect	2022	Proceedings of the IEEE International Conference on Software Engineering and Service Sciences, ICSESS	#####			10.1109/ICSESS54813.2022.9930270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141937321&doi=10.1109%2fICSESS54813.2022.9930270&partnerID=40&md5=5982b7a87353070c8c32445a72d7e148	Conference Paper
Shwetha, V., Renu Madhavi, C.H., Nagendra Kumar, M.	57208086549;57210109422;57215183894;	Classification of Brain Tumors Using Hybridized Convolutional Neural Network in Brain MRI images	2022	International Journal of Circuits, Systems and Signal Processing	16		4	10.46300/9106.2022.16.70	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141508620&doi=10.46300%2f9106.2022.16.70&partnerID=40&md5=ab3327769858ad5a5193cd5459dcfb88	Article
Shylashree, N., Anil Naik, M., Mamatha, A.S., Sridhar, V.	56045640200;57984385400;55005615000;57214340590;	Design and Implementation of Image Edge Detection Algorithm on FPGA	2022	International Journal of Circuits, Systems and Signal Processing	16		1	10.46300/9106.2022.16.78	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141500487&doi=10.46300%2f9106.2022.16.78&partnerID=40&md5=b7a4fef9b52a51ad0071a0f8675c62c0	Article

Smitha Gayathri, D., Usha Rani, K.R.	58709043200;36783798100;	Adapting the Effect of Impulse Noise in Broadband Powerline Communication	2022	Cognitive Science and Technology				10.1007/978-981-19-2350-0_53	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141212450&doi=10.1007%2f978-981-19-2350-0_53&partnerID=40&md5=0bb0e4a19a5eb2abe75a1ad38f838b38	Book Chapter
Swathi, R., Mishra, B.R., Nethravathi, K.A.	57220038651;57951779200;57201944115;	Error Notification Management for Synchronization of ES10b Interface in RPM	2022	Cognitive Science and Technology				10.1007/978-981-19-2350-0_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141157064&doi=10.1007%2f978-981-19-2350-0_18&partnerID=40&md5=77e413075cfed2921d09a945d3a90a4d	Book Chapter
Krishna, N., Nagamani, K.	57191226243;57218872766;	Understanding and Visualization of Different Feature Extraction Processes in Glaucoma Detection	2022	Journal of Physics: Conference Series	2327	1	1	10.1088/1742-6596/2327/1/012023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140915673&doi=10.1088%2f1742-6596%2f2327%2f1%2f012023&partnerID=40&md5=3a39eaa91e01c515fdb8930820128623	Conference Paper

Bennur, S., Bharadwaj, D., Anand, P., Premananda, B.S.	57921276300;57435082400;57921145800;37091407700;	Face Mask Detection and Face Recognition of Unmasked People in Organizations	2022	3rd International Conference on Electronics and Sustainable Communication Systems,			2	10.1109/ICESC54411.2022.9885367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139555491&doi=10.1109%2fICESC54411.2022.9885367&partnerID=40&md5=3368f54907102164109d95ecce875d44	Conference Paper
Kumar, A.N., Jnaneshwara, D.M., Ravikumar, C.R., Murthy, H.C.A., Prashantha, S.C., Kumar, M.R.A., Ajay, K.M.	57214420042;49863663900;57195629883;57224580038;12143989000;57190936932;58906794900;	A Comparative Cyclic Voltametric Study on Rare Earth (Eu, Sm, Dy, and Tb) Ions Doped La10Si6O27Nanophosphors for Sensor Application	2022	Advances in Materials Science and Engineering	2022		2	10.1155/2022/7429133	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139417946&doi=10.1155%2f2022%2f7429133&partnerID=40&md5=763371a7eb2f5c396ad785822da9e88e	Article
Yashwanth, Y.S.	57216313928;	On-Device Major Indian Language Identification Classifiers to Run on Low Resource Devices	2022	International Journal of Advanced Computer Science and Applications	13	9		10.14569/IJACSA.2022.0130989	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139298045&doi=10.14569%2fIJACSA.2022.0130989&partnerID=40&md5=8e170556b5e08d76e9c203dbfafde431	Article

Kanumuri, C., Madhavi, C.H.R., Ravichandra, T.	57210372336;57211313999;57750452600;	Novel Approach in Classification and Prediction of COVID-19 from Radiograph Images using CNN	2022	International Journal of Advanced Computer Science and Applications	13	9	3	10.14569/IJACSA.2022.0130966	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139274111&doi=10.14569%2fIJACSA.2022.0130966&partnerID=40&md5=86e94ac427832015bdd099371573b5b2	Article
Srividya, P.	55842449800;	Smart Building Automation System	2022	Smart Buildings Digitalization: Case Studies on Data Centers and Automation			2	10.1201/9781003240853-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138858963&doi=10.1201%2f9781003240853-3&partnerID=40&md5=875447133acfbd7d3d0cd4f614643918	Book Chapter
Lokeshwari, M., Sagar, P.V., Kumar, K.D., Thirupathy, D., Subbiah, R., Ganeshan, P., Seikh, A.H., Mohammed, S.M.A.K., Christopher, D.	36717811400;57505065800;58279304300;57783929300;56964850200;56916031600;55946471600;57201375442;57367521500;	Optimization and Tribological Properties of Hybridized Palm Kernel Shell Ash and Nano Boron Nitride Reinforced Aluminium Matrix Composites	2022	Journal of Nanomaterials	2022		4	10.1155/2022/8479012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138759913&doi=10.1155%2f2022%2f8479012&partnerID=40&md5=33bb6a4d12e79e84887b585d9e876f86	Article

Dinesh Kumar, G., Srinidhi, R., Srividya, P.	35071266300;57503628300;55842449800;	Physical Implementation of Low-Power Area-efficient Digital Delay Locked Loop for High-Speed Interface in Sub-10nm Technology	2022	Proceedings - 2022 International Conference on Computing, Electronics and Communications Engineering				10.1109/iCCECE55162.2022.9875101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138754580&doi=10.1109%2fiCCECE55162.2022.9875101&partnerID=40&md5=73c511f5ac67f084214762ecd2ade8ba	Conference Paper
Vishwas, M., Arjuna Gowda, K.V., Babu Gandla, S.	25924650400;65075212 47;57204659919;	Fabrication and characterization of Fe doped PVA films for optoelectronics	2022	Materials Today: Proceedings	68		2	10.1016/j.matpr.2022.09.197	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138547559&doi=10.1016%2fj.matpr.2022.09.197&partnerID=40&md5=e1d2fff7986fd694ae3858dcfbf92376	Article
Sowmyarani, C.N., Namya, L.G., Nidhi, G.K., Ramakanth Kumar, P.	55532106000;57895239000;57895477200;65069622003;	Enhanced k-Anonymity model based on clustering to overcome Temporal attack in Privacy Preserving Data Publishing	2022	2022 IEEE International Conference on Electronics, Computing and Communication Technologies			3	10.1109/CONECCT55679.2022.9865682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138282703&doi=10.1109%2fCONECCT55679.2022.9865682&partnerID=40&md5=ac209670943c6db8731a873bba9ee260	Conference Paper

Monika, P., Chandraprabha, M.N., Hari Krishna, R., Vittal, M., Likhitha, C., Pooja, N., Chaudhary, V., Manjunatha, C.	36621854800;650 7595436;5588127 0900;5789533790 0;57894862800;5 7982871500;8243 196100;56919543 200;	Recent advances in pomegranate peel extract mediated nanoparticles for clinical and biomedical applications	2022	Biotechnol ogy and Genetic Engineerin g Reviews			16	10.1080/0264872 5.2022.2122299	https://www.scop us.com/inward/re cord.uri?eid=2-s2.0-85138274056&do i=10.1080%2f026 48725.2022.2122 299&partnerID=4 0&md5=d437904 45936aba56495af 94e8fe171c	Article
Sharma, S., Menezes, N.A.	57216200775;578 96186400;	Multi Robot Path Planning Using Priority Based Algorithm	2022	2022 IEEE Internation al Conference on Electronics , Computing and Communic ation Technologi			1	10.1109/CONEC CT55679.2022.9 865690	https://www.scop us.com/inward/re cord.uri?eid=2-s2.0-85138255529&do i=10.1109%2fCO NECCT55679.20 22.9865690&part nerID=40&md5= a5506fbacfa866fa d01bc10035d52b b2	Conference Paper
Bhat, M.W., Kaartik, R., Sowmya, K.B.	57895496500;578 95963500;572114 83117;	Design and implementation of power efficient clock gated dual-port SRAM	2022	Journal of Physics: Conference Series	2325	1		10.1088/1742-6596/2325/1/012 034	https://www.scop us.com/inward/re cord.uri?eid=2-s2.0-85138242020&do i=10.1088%2f174 2-6596%2f2325%2 f1%2f012034&pa rtnerID=40&md5 =b3ed44e181232 db9c781923d4c7	Conference Paper

Meena, D., Dhavamani, V., Nethravathi, K.A.	24822314500;57214798741;57201944115;	Mathematical Analysis and Modelling of a Novel Photonic based FMCW Signal Generation for Long Range Radar Applications	2022	2022 IEEE International Conference on Electronics, Computing and Communication Technologi			1	10.1109/CONECCT55679.2022.9865719	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138241190&doi=10.1109%2fCONECCT55679.2022.9865719&partnerID=40&md5=2e9b50beb5a881edc490ca283962ddda	Conference Paper
Rajasree, P.M., Jatti, A., Santosh, D., Desai, U., Krishnappa, V.D.	35332763700;55580963900;55200639100;57136402400;57892155100;	Breast Masses Detection and Segmentation in Full-Field Digital Mammograms using Unified Convolution Neural Network	2022	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and	#####		4	10.1109/EMBC48229.2022.9871866	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138128839&doi=10.1109%2fEMBC48229.2022.9871866&partnerID=40&md5=ed5ec93b76012fcbe1e3984ab59f839e	Conference Paper
Jayashree, N., Babu, B.S., Talwar, B.	57190663215;57209134343;57891004600;	Decentralised priority-based shortest job first queue model for IoT gateways in fog computing	2022	International Journal of Grid and Utility Computing	13	4		10.1504/ijguc.2022.125148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138111481&doi=10.1504%2fijguc.2022.125148&partnerID=40&md5=e2f350cb307797d09a8ffc692334dbde	Article

Jayanthi, P.N., Patel, S.K., Biswagar, P.	57204494184;57885468800;15841645800;	Structured Compression-sensing Method for MIMO-OFDM in ITU_VB and DVB_T2 channels	2022	2022 International Conference on Intelligent Controller and Computing for Smart Power, ICICCSP 2022				10.1109/ICICCSP53532.2022.9862326	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137774759&doi=10.1109%2fICICCSP53532.2022.9862326&partnerID=40&md5=1d2ab04fbf1917c0c9c7ceae392cc6a7	Conference Paper
Deepak, K., Wangikar, A.U., Chathura, G.R., Khadtare, S.S., Rao, A.G., Yogesh, Y., Mukesh, M., Rao, S.M.V.	58320556900;57222004585;57222008823;57226389555;57817993700;57880388300;57214683026;36245604000;	Optimization of Conceptual Design of Air Breathing Hypersonic Vehicle	2022	IEEE Aerospace Conference Proceedings	#####			10.1109/AERO53065.2022.9843693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137601902&doi=10.1109%2fAERO53065.2022.9843693&partnerID=40&md5=685a2a12a6d59e848f600f31787d363b	Conference Paper
Nagabhushan, S., Singh, A.K., Gowda, S.S.	55786852700;57565759800;57879670300;	A Model-Based Approach to Risk Management for RVSAT-1: a Student Nano-satellite Project-Using SysML	2022	IEEE Aerospace Conference Proceedings	#####			10.1109/AERO53065.2022.9843435	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137568817&doi=10.1109%2fAERO53065.2022.9843435&partnerID=40&md5=9adab007a9e176f49ba0b5fa288a4b6e	Conference Paper

Mahesh, A., Adiga, A.K., Manjunath, A.K., Giddegowda, Y., Bhatkoorse, R.	57028659000;57782319200;57214804700;57880525900;57542982400;	Gain Enhancement of 4 × 4 mm-Wave Patch Array with Dielectric Shells and Metamaterial Lens: A Comparative Study	2022	2022 IEEE Wireless Antenna and Microwave Symposium, WAMS 2022				10.1109/WAMS54719.2022.9847876	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137563335&doi=10.1109%2fWAMS54719.2022.9847876&partnerID=40&md5=3c609928a1eb77611ece3404ec2ccd6a	Conference Paper
Shushrutha, K.S., Mahesh, A., Adiga, A.K.	56556976900;57028659000;57782319200;	Hybrid Method to Compute EM-Fields of Multi Gradient Flat Lens-Array Antenna	2022	2022 IEEE Wireless Antenna and Microwave Symposium, WAMS 2022				10.1109/WAMS54719.2022.9847870	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137560253&doi=10.1109%2fWAMS54719.2022.9847870&partnerID=40&md5=06798a9d35de1fb74155aa69c84c145a	Conference Paper
Jagadeesha, N.	57745238000;	Facial Privacy Preservation using FGSM and Universal Perturbation attacks	2022	2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022				10.1109/COM-IT-CON54601.2022.9850531	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137470093&doi=10.1109%2fCOM-IT-CON54601.2022.9850531&partnerID=40&md5=11ddb8cc012e68118d4d63030c65b750	Conference Paper

Meena, D., Purohit, S., Kumar, A.A., Dhavamani, V.	24822314500;57468758100;57874659600;57214798741;	Modeling and Evaluation of Cascaded Mach Zehnder Modulators for Multi-band Chirped Radar Signal Generation and IF Signal Detection	2022	2022 2nd International Conference on Intelligent Technologies, CONIT 2022				10.1109/CONIT55038.2022.9848148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137274709&doi=10.1109%2fCONIT55038.2022.9848148&partnerID=40&md5=d14a8ef8e33b24c5b5369e0d38f71e81	Conference Paper
Katti, S.S., Manjunath, R.K., Kumar, P., Kareemulla, S., Sreelakshmi, K.	57874715200;57190341349;58265567200;57217909043;57297644300;	Design and Implementation of Waveguide Filter for Ku-Band Radar	2022	2022 2nd International Conference on Intelligent Technologies, CONIT 2022				10.1109/CONIT55038.2022.9847666	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137269880&doi=10.1109%2fCONIT55038.2022.9847666&partnerID=40&md5=d137806b4c8c26312deaf1a4cf9c42ae	Conference Paper
Baloolad, A., Manjunath, R.K., Kumar, P., Kareemulla, S., Sreelakshmi, K.	57874886000;57190341349;58265567200;57217909043;57297644300;	Design, Simulation and Analysis of Stepped Impedance Micro-Strip Low Pass Filter for 10GHz band	2022	2022 2nd International Conference on Intelligent Technologies, CONIT 2022				10.1109/CONIT55038.2022.9848198	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137269491&doi=10.1109%2fCONIT55038.2022.9848198&partnerID=40&md5=d3fa66caea3fe127c5e8ad0a3693cdcf	Conference Paper

Kumar Shetty, M., Karthik, K.V., Patil, J.H., Murthy Shekhar, S., Desai, S.M., Hiremath, P.G., Ravishankar, R.	57862308300;57191912957;55094514000;57196975941;58278560900;57193120417;57196746909;	Sorption studies of Cr (VI) ions from synthetic waste water using chitosan embedded in calcium alginate beads	2022	Materials Today: Proceedings	76		4	10.1016/j.matpr.2022.07.438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136771786&doi=10.1016%2fj.matpr.2022.07.438&partnerID=40&md5=18e9dabf2e015500f139e28dae29ffc6	Conference Paper
Uttarkar, A., Niranjan, V.	57216224183;6603234656;	Brefeldin A variant via combinatorial screening acts as an effective antagonist inducing structural modification in EPAC2	2022	Molecular Simulation	48	17	7	10.1080/08927022.2022.2110271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135877147&doi=10.1080%2f08927022.2022.2110271&partnerID=40&md5=d9e567cb087988caa78d60a0d9a7bd53	Article
Srivastava, S., Viswanath, A., Venkatesh, K., Moharir, M.	57842639400;57841461200;57842048000;54419033000;	TDMA-Based Adaptive Multicasting in Wireless NoC	2022	Lecture Notes in Networks and Systems	436		1	10.1007/978-981-19-1012-8_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135863354&doi=10.1007%2f978-981-19-1012-8_35&partnerID=40&md5=57a37bed409ccdd732405c504bd886a1	Conference Paper

Vishwas, M., Venkatesha Babu, K.R., Arjuna Gowda, K.V., Babu Gandla, S.	25924650400;57202154706;650752 1247;5720465991 9;	Synthesis, characterization and photo-catalytic activity of magnetic CoFe2O4 nanoparticles prepared by temperature controlled co-precipitation method	2022	Materials Today: Proceedings	68		4	10.1016/j.matpr.2022.07.429	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135810386&doi=10.1016%2fj.matpr.2022.07.429&partnerID=40&md5=2650d6b1b37d1fb7ad6dd3d20e412f87	Article
Sunitha, R., Sreedevi, A.	57211137476;35173705900;	Understanding the nonlinear dynamics of seizure and sleep EEG patterns generated using hierarchical chaotic neuronal network	2022	International Journal of Computational Science and Engineering	25	4	1	10.1504/IJCSE.2022.124563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135764294&doi=10.1504%2fIJCSE.2022.124563&partnerID=40&md5=7feea971dfa1296066df98a5b7f65ad2	Article
Chahar, A., Christobel, Y.A., Ritika, Adakane, P.K., Sonal, D., Tripathi, V.	57772750900;57218375941;578322 45600;572208939 95;57433075900; 56539389500;	The Implementation of Big Data With Cloud and Edge Computing in Enhancing the Smart Grid Information Processes Through Sem Model	2022	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering				10.1109/ICACITE53722.2022.9823896	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135497210&doi=10.1109%2fICACITE53722.2022.9823896&partnerID=40&md5=ff1877148f8989df08c8dd7afcae623d	Conference Paper

Purohit, S., Chahar, A., Banda, A.R., Antony, A., Suryawanshi, A.S., Vanwari, C.	57813417600;57772750900;57812040800;57213683856;58654201000;57812425400;	Stroke Prediction System Using Machine Learning Algorithm	2022	Lecture Notes on Data Engineering and Communications Technologies	126			10.1007/978-981-19-2069-1_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134603838&doi=10.1007%2f978-981-19-2069-1_3&partnerID=40&md5=f0ca39f32f7afc08ee382fadfe82f8ea	Book Chapter
Anil Subash, S., Shubha, M.B., Athreya, Y.N., Khosla, A., Manjunatha, C.	57703685900;57798515900;57559499200;26423760200;56919543200;	Advances in printable, flexible and transparent graphene photodetectors for optoelectronics applications	2022	ECS Transactions	107	1		10.1149/10701.18681ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134078408&doi=10.1149%2f10701.18681ecst&partnerID=40&md5=fe45470e04582ff1d9b650e0770d774f	Conference Paper
Hiroli, P.K., Varun, S., Sudeep, M., Kathik, B., Kumar, M.S., Manjunatha, C.	57797377500;57798076300;57205645458;57797844600;57714150200;56919543200;	ITO Conductive Ink: Advances in Materials, Preparation and Potential Sensor Applications	2022	ECS Transactions	107	1	1	10.1149/10701.20135ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134076238&doi=10.1149%2f10701.20135ecst&partnerID=40&md5=6fb69343b0cadcf913a1e226bb539518	Conference Paper

Amar, R., Sachin, K.C., Chetan, K.M.	57797764400;57260905700;57797527700;	Experimental Studies on Geopolymer Concrete	2022	ECS Transactions	107	1	1	10.1149/10701.19681ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134075025&doi=10.1149%2f10701.19681ecst&partnerID=40&md5=d702bc5f237f3e2ddb72004f9f4c6bb5	Conference Paper
Prakash, R., Jayalatha, G., Sekhar, G.N.	57208567581;27267628400;70042060092;	Effect of Throughflow on Marangoni Convection in Ferromagnetic Liquids with Variable Viscosity	2022	ECS Transactions	107	1	1	10.1149/10701.19701ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134067543&doi=10.1149%2f10701.19701ecst&partnerID=40&md5=75bb888ce7ad7fd12b81a5c9118ff3fa	Conference Paper
Harsha, H.N., Radhakrishna, Sachin, K.C.	57951021100;35771473600;57260905700;	Studies on Partial Replacement of Cement By Eucalyptus Ash in Concrete	2022	ECS Transactions	107	1		10.1149/10701.19889ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134063427&doi=10.1149%2f10701.19889ecst&partnerID=40&md5=86bb51c767c5c842289315186fba6afa	Conference Paper

Nishaa, V., Soumya, Spoorthi, B.V., Desai, V.S., Meda, U.S.	57798513600;57461075000;57462952400;57798052500;23485804000;	Powering Implantable Medical Devices with Biological Fuel Cells	2022	ECS Transactions	107	1	2	10.1149/10701.19197ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134056664&doi=10.1149%2f10701.19197ecst&partnerID=40&md5=b53c171adc62aca532af75630717ec6c	Conference Paper
Ganesh, C.L., Santosh, K., Renuka, M., Shastry, K.	57797619400;57797381500;57798080300;56512038300;	Design Of An Electrostatic Ion Trap And Time-of-Flight Tube Using SIMION Software	2022	ECS Transactions	107	1	1	10.1149/10701.18859ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134056128&doi=10.1149%2f10701.18859ecst&partnerID=40&md5=732fb9f3b1f0204678bbec52fe0eb9e7	Conference Paper
Sudarshan, B., Shantanu, B.S., Srivaths, S., Neethu, S., Manjunatha, C.	57191910905;57348460600;57348150900;57201861956;56919543200;	Metal Oxide Based Electrochromic Materials: Recent Advances in Synthesis, Characterisation and Applications	2022	ECS Transactions	107	1	1	10.1149/10701.18583ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134049498&doi=10.1149%2f10701.18583ecst&partnerID=40&md5=27d49c80bc3b20616edb9ff845932157	Conference Paper

Manasa, A.C., Basutkar, S.M., Madhavi, K., Amalkar, M.S., Renuka Devi, M.V., Jagadish, K.S.	57798516300;57205650170;57222635529;57207228958;20434504800;6701457776;	Compressive Strength of Brick Masonry Confined with Glass Fibre Reinforced Polymer	2022	ECS Transactions	107	1		10.1149/10701.19279ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134038043&doi=10.1149%2f10701.19279ecst&partnerID=40&md5=bff700fb9de257a96ea07f9de3929be3	Conference Paper
Prakash, R., Anoosh Ram, K., Sharon, S., Viswavardhan Reddy, K.	57208567581;57798966000;57797347200;57798047400;	Comparative Study Of Machine Learning Algorithms For Product Recommendation Based on User Experience	2022	ECS Transactions	107	1	1	10.1149/10701.19551ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134030651&doi=10.1149%2f10701.19551ecst&partnerID=40&md5=8403e3cd4a543c02c15feaa2ce437c02	Conference Paper
Srujana, K., Ananya, M., Keerthana, P.S., Rachana, M., Ashmeera, S.H., Manjunatha, C.	57798074700;57797613000;58285121900;57798047400;57798308300;56919543200;	Advances in Graphene Based Electronic Skin and Their Healthcare Applications	2022	ECS Transactions	107	1		10.1149/10701.17659ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134024838&doi=10.1149%2f10701.17659ecst&partnerID=40&md5=34fc073d3c7fcb055f07b71e4dd1a8ba	Conference Paper

Aman, A., Khan, I.A.A., Meda, U.S.	57704434600;57704434500;23485804000;	Water Management in PEM Fuel Cells	2022	ECS Transactions	107	1		10.1149/10701.19403ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134023131&doi=10.1149%2f10701.19403ecst&partnerID=40&md5=d870bfec38fd5c4c699dfa4c3ae9298d	Conference Paper
Yashaswini, N., Suraj, L., Nayak, S., Subash, A.S., Khosla, A., Manjunatha, C.	57798765500;57798076700;57798538800;57797614000;26423760200;56919543200;	Construction, Working and Applications of E-Tongue: A Versatile Tool for All Tastes?	2022	ECS Transactions	107	1		10.1149/10701.20193ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134012332&doi=10.1149%2f10701.20193ecst&partnerID=40&md5=cd7f1720c11fe0007fe1278d1eb8f698	Conference Paper
Ravishankar, C., Nagakumar, M.S.	57798741600;57211625333;	Influence of Industrial By-Product Materials on Bituminous Concrete Mixes	2022	ECS Transactions	107	1		10.1149/10701.19759ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134009168&doi=10.1149%2f10701.19759ecst&partnerID=40&md5=427420ddc415dc59986e93939f10a369	Conference Paper

Sharon, S., Anoosh Ram, K., Salis, V.E.	57797347200;57798966000;57798972200;	Design Study on Actuated Traffic Control System Using Internet of Vehicles for Smart Cities	2022	ECS Transactions	107	1	2	10.1149/10701.19253ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134002200&doi=10.1149%2f10701.19253ecst&partnerID=40&md5=720e726cf975e5fff71b4524e3496aff	Conference Paper
Saxena, S., Shettar, R.	57226465642;26422599700;	Forecasting the coronavirus disease 2019 pandemic in India using machine learning and statistical models	2022	International Journal of Mathematical Modelling and Numerical Optimisation	12	3		10.1504/IJMMNO.2022.123973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133746320&doi=10.1504%2fIJMMNO.2022.123973&partnerID=40&md5=a133d3aa59a18f5c83abf1235a0bfa33	Article
Padma, U., Kumaraswamy, H.V., Ravishankar, S.	57201863706;24534870500;57202125888;	Transmission of Video with Convolutional Coding in Cooperative Ad Hoc Networks	2022	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022				10.1109/ICAAIC53929.2022.9793059	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133448040&doi=10.1109%2fICAAIC53929.2022.9793059&partnerID=40&md5=c68564028165e3f74863e5528e967f70	Conference Paper

Jagadeesha, N., Navya Priya, N., Pratiba, D., Ramakanth Kumar, P.	57745238000;57303846000;56125681000;650696220 3;	Social Media Application for Specially Challenged	2022	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022				10.1109/ICAAIC53929.2022.9792720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133431824&doi=10.1109%2fICAAIC53929.2022.9792720&partnerID=40&md5=559a2286b183cf9039770dbebea78c96	Conference Paper
Srivastava, C.S., Siddiqui, S., Kariyappa, B.S.	57782057300;57781006600;35102416500;	Comparative Analysis of Charge Pumps for PLL Applications	2022	IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics			1	10.1109/ICDCECE53908.2022.9792987	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133411926&doi=10.1109%2fICDCECE53908.2022.9792987&partnerID=40&md5=7436f8b562c161238fe5a9258cded451	Conference Paper
Adiga, A.K., Nethravathi, K.A., Tripathi, B.	57782319200;57201944115;36515658800;	Design of Archimedean Spiral Antenna for Wireless Underground Sensor Network	2022	IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics				10.1109/ICDCECE53908.2022.9792923	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133410150&doi=10.1109%2fICDCECE53908.2022.9792923&partnerID=40&md5=621d995b51996ba57b108f2618303922	Conference Paper

Chahar, A., Chowdhury, A., Sreeja, B., Nitish, K., Vamshi, B.N., Sanjay, V.M.	57772750900;57772405000;57773278600;57772762300;58703502500;58065781500;	Lethargy Detection during work using Keras Deep learning	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022				10.1109/ICACCS54159.2022.9785330	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133212061&doi=10.1109%2fICACCS54159.2022.9785330&partnerID=40&md5=e87411d26175d930abc77ca39d6f351b	Conference Paper
Chahar, A., Chowdhury, A., Thulasidoss, B.K., Reddy, P.V., Patel, H., Patil, N.	57772750900;57772405000;57773616500;57772922300;57773616600;57461540200;	Water Quality Analysis Using Deep Learning	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022				10.1109/ICACCS54159.2022.9785189	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133200879&doi=10.1109%2fICACCS54159.2022.9785189&partnerID=40&md5=3b4a1ea29ee18edcb5ffb79ee714882a	Conference Paper
Chahar, A., Patil, N., Walunj, D., Sai Rohith, T., Shah, R., Saratkar, H.	57772750900;57461540200;57772940200;57773286400;57773114000;57772588400;	An Indispensable Contemplation on Natural Language Processing Using Ensemble Techniques for Text Classification	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022				10.1109/ICACCS54159.2022.9785015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133185909&doi=10.1109%2fICACCS54159.2022.9785015&partnerID=40&md5=6079be813b431aa5fa4760c16c846402	Conference Paper

Chowdhury, A., Chahar, A., Thulasidoss, B.K., Fionalita, M.C., Shanmuga Vel, B., Bafna, G.J.	57772405000;57772750900;57773616500;57772575200;57772754200;57773270000;	Student performance Prediction using Ensemble Technique	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022				10.1109/ICACCS54159.2022.9785084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133178081&doi=10.1109%2fICACCS54159.2022.9785084&partnerID=40&md5=6d0154cd99df66bfbc606ff94746db6b	Conference Paper
Chahar, A., Sanjay, V.M., Basrur, A., Kyalkond, S.A., Ajit, A., Patil, N.	57772750900;58065781500;57773620500;57773102700;57216896797;57461540200;	Mental Health At Work Prediction Using Neural Networks	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022				10.1109/ICACCS54159.2022.9785283	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133176480&doi=10.1109%2fICACCS54159.2022.9785283&partnerID=40&md5=e018b9b7dcaf577187dc7afebc5b5a41	Conference Paper
Kanumuri, C., Renu Madhavi, C.H.	57210372336;57210109422;	A Survey: Brain Tumor Detection Using MRI Image with Deep Learning Techniques	2022	Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks: Real-time Application			11	10.1002/9781119682554.ch6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133169493&doi=10.1002%2f9781119682554.ch6&partnerID=40&md5=34f3f2a5608d0914ca08abe220d2f652	Book Chapter

Chowdhury, A., Chahar, A., Eswara, R., Raheem, M.A., Ehetesham, S., Thulasidoss, B.K.	57772405000;57772750900;57443098800;55609453100;57772751500;57773616500;	Fetal Health Prediction using neural networks	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022			2	10.1109/ICACCS54159.2022.9784987	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133153563&doi=10.1109%2fICACCS54159.2022.9784987&partnerID=40&md5=8602e6a1587154b6556bcb3ab1a77f0a	Conference Paper
Chakraborthy, A., Nag, A.	57703226400;56592028500;	Carbon Nanotubes-Doped Tin Oxide-Based Thin-Film Sensors to Detect Methane Gas	2022	Lecture Notes in Electrical Engineering	886			10.1007/978-3-030-98886-9_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132966336&doi=10.1007%2f978-3-030-98886-9_15&partnerID=40&md5=9de4cca175183871a7f821a8fb2fdd4e	Conference Paper
Aishwarya, K.M., Archana, M., Sowmya, K.B.	57798111400;57983249800;57211483117;	Physical Design of a Multibit D FlipFlop-Based Linear Feedback Shift Register	2022	Lecture Notes in Electrical Engineering	860			10.1007/978-981-16-9488-2_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132909576&doi=10.1007%2f978-981-16-9488-2_38&partnerID=40&md5=eea76d61fed6d88c5349beeff87c8c15	Conference Paper

Kumar, P., Lavendra, S., Raghavendra, T.	57263970200;57260137300;56394374000;	Progressive collapse resistance of reinforced concrete frame structures subjected to column removal scenario	2022	Materials Today: Proceedings	61		2	10.1016/j.matpr.2021.09.204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132645309&doi=10.1016%2fj.matpr.2021.09.204&partnerID=40&md5=3b933aff907709ebdcd2e1a0272b6737	Article
Madhu, C.S., Krishnappa, H.K.	57192558521;57188733713;	Weighted constrained based optimization for secured medical data using Vertex Magic Total Labeling of Complete Graphs along with RSA algorithm	2022	4th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2021				10.1109/ICRTCST54752.2022.9781979	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132580997&doi=10.1109%2fICRTCST54752.2022.9781979&partnerID=40&md5=242403e48967c032efa71ac30b81dafb	Conference Paper
Kumari, D., Nagaraja, H.G., Kumar, D.L.K.	57214761376;70034576455;57204661746;	INVARIANT SUBMANIFOLDS OF N(k)-CONTACT METRIC MANIFOLDS WITH GENERALIZED TANAKA WEBSTER CONNECTION	2022	Journal of Applied Mathematics and Informatics	40	3-4		10.14317/jami.2022.741	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132572578&doi=10.14317%2fjami.2022.741&partnerID=40&md5=44cd139973b00adee1b66d591f87cbc9	Article

Rathod, M.L., Shivaputra, A., Umadevi, H., Nagamani, K., Periyasamy, S.	57204256649;55340255900;54953306200;57218872766;57223027346;	Cloud Computing and Networking for SmartFarm AgriTech	2022	Journal of Nanomaterials	2022		6	10.1155/2022/6491747	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132415661&doi=10.1155%2f2022%2f6491747&partnerID=40&md5=8f9aa776d0b8967097d47db097a0c97a	Article
Resma, K.S., Hegde, A., Sharvani, G.S., Shetty, S.V.	57216628924;57747944900;35293488200;57201031076;	Implementation and system analysis of load balancing algorithms for public cloud systems	2022	International Journal of System of Systems Engineering	12	1	2	10.1504/ijsse.2022.123305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132196893&doi=10.1504%2fijsse.2022.123305&partnerID=40&md5=66a9710fda168f7eeb698c2b00b43e1f	Article
Yetikuri, S.S.A., Sowmya, K.B., Caputo, T., Abrol, V.	57743089500;57211483117;57742405400;57742596700;	Efficient LUT-Based Technique to Implement the Logarithm Function in Hardware	2022	Lecture Notes in Networks and Systems	375			10.1007/978-981-16-8763-1_47	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132049173&doi=10.1007%2f978-981-16-8763-1_47&partnerID=40&md5=cba0297b212a0640fe996dd6d250a432	Conference Paper

Prajwal, T., Sowmya, K.B.	57742783600;57211483117;	Inter-IC Sound (I2S) Interface for Dual Mode Bluetooth Controller	2022	Lecture Notes in Networks and Systems	375			10.1007/978-981-16-8763-1_32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132037267&doi=10.1007%2f978-981-16-8763-1_32&partnerID=40&md5=c83ff3da38d764e1289fb8e4dbf71e6c	Conference Paper
Yoganand, H.R., Sowmya, K.B.	57742683000;57211483117;	Diagnosis of Charging Gun Actuator in the Electric Vehicle (EV)	2022	Lecture Notes in Networks and Systems	375			10.1007/978-981-16-8763-1_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132030135&doi=10.1007%2f978-981-16-8763-1_41&partnerID=40&md5=1d28715be9c392fcf71b0cff0f04dc8a	Conference Paper
Umashankar, A., Kariyappa, B.S.	57742491000;35102416500;	Automation in Implementation of Asserting Clock Signals in High-Speed Mixed-Signal Circuits to Reduce TAT	2022	Lecture Notes in Networks and Systems	375			10.1007/978-981-16-8763-1_53	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132027356&doi=10.1007%2f978-981-16-8763-1_53&partnerID=40&md5=f1e219827d871f850856c25e09ef62df	Conference Paper

Ramkrishna, N.K., Deshpande, A.	57742396800;57202899762;	Analysis of NBTI Impact on Clock Path Duty Cycle Degradation	2022	Lecture Notes in Networks and Systems	375			10.1007/978-981-16-8763-1_44	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132026538&doi=10.1007%2f978-981-16-8763-1_44&partnerID=40&md5=e67ae93d78b79fbff1647ef4d1aaa809	Conference Paper
Ahmed, M.V., Kariyappa, B.S.	57742491300;35102416500;	Optimization of Cloning in Clock Gating Cells for High-Performance Clock Networks	2022	Lecture Notes in Networks and Systems	375		1	10.1007/978-981-16-8763-1_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132024095&doi=10.1007%2f978-981-16-8763-1_51&partnerID=40&md5=39b7e0afc36688dfe469555c6d19ca09	Conference Paper
Ramesh, I.B., Ghai, G.K., Hemavathy, R., Ramakanth Kumar, P.	57742805900;57742512100;24168391100;6506962203;	Video Summarization Using Hybrid Statistical Approach	2022	Lecture Notes in Networks and Systems	425			10.1007/978-981-19-0707-4_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132010378&doi=10.1007%2f978-981-19-0707-4_22&partnerID=40&md5=8310d9f8c12390b56478a1e5ac03651b	Conference Paper

C, L., Upadhyaya, A., Neogi, A.G., Niranjan, V.	57740744600;57704006600;57704463700;6603234656;	Identification of novel regulatory pathways across normal human bronchial epithelial cell lines (NHBEs) and peripheral blood mononuclear cell lines (PBMCs) in COVID-19 patients using transcriptome analysis	2022	Informatics in Medicine Unlocked	31		2	10.1016/j.imu.2022.100979	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131945678&doi=10.1016%2fj.imu.2022.100979&partnerID=40&md5=91b97972bc0f0621b088941ef4c44e30	Article
Nayak, G.P.N., Dey, N., Neha, N., Hariprasad, M., Sandhya, S., Moharir, M., Akram, M.	57740655200;57478313600;57740496300;57478067200;35185484500;54419033000;57741300000;	A Detail Survey on QUIC and its Impact on Network Data Transmission	2022	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceeding			5	10.1109/ICOEI53556.2022.9777199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131945549&doi=10.1109%2fICOEI53556.2022.9777199&partnerID=40&md5=b8411bd3275571d86711e661a5351068	Conference Paper
Patra, S.M., Shastry, K.	7007045200;56512038300;	Effective Teaching for Millennial Learner	2022	Journal of Engineering Education Transformations	35	4			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131872398&partnerID=40&md5=5ce19b910294c6e8a6933b4d7854a37f	Article

Ashwin Thammaiah, K., Manu Prasad, P., Nishchel, C.N., Ballavur, R.S., Rohith, Y.M.	57260684900;57721227800;57721227900;57721362500;57204029112;	Self-compacting Concrete Using Tobacco Waste Ash	2022	Lecture Notes in Civil Engineering	233			10.1007/978-981-19-0189-8_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131145407&doi=10.1007%2f978-981-19-0189-8_1&partnerID=40&md5=8598768e1ca80502ea7291cd2f0ddb00	Conference Paper
Sindhu, D., Ravikumar, A.S., Shivakumar, B.L.	57217845798;42762015600;57405900400;	Evaluation of Soil Water Crop Compatibility Using RS and GIS Techniques	2022	Lecture Notes in Civil Engineering	234			10.1007/978-981-19-0304-5_32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131137122&doi=10.1007%2f978-981-19-0304-5_32&partnerID=40&md5=f3c7d288184fffd96e67f383c308a982	Conference Paper
Varuna, M., Raikar, D., Sunil, S.	57235799400;57721576300;57211624263;	Studies on Temperature Differential for Different Types of Overlay Over Cement Concrete Pavement	2022	Lecture Notes in Civil Engineering	218			10.1007/978-981-16-9921-4_27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131134420&doi=10.1007%2f978-981-16-9921-4_27&partnerID=40&md5=6d172b64f80a4665989044f60d48a5d8	Conference Paper

Raghavendra, T., Vageesh, H.P., Lokeshwari, M., Sunil, S., Durga Prashanth, L.	56394374000;57210235868;36717811400;57211624263;55062277700;	Engineering Properties of Concrete Containing Hazardous Drywalls Waste and GGBS	2022	Lecture Notes in Civil Engineering	233			10.1007/978-981-19-0189-8_36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131118634&doi=10.1007%2f978-981-19-0189-8_36&partnerID=40&md5=2c0c7932a653ad4982036d945b061b97	Conference Paper
Kuldeep, Badiger, A., Archana, M.R., Anjaneyappa, V.	57226801827;57721362600;57721228100;56120146000;	Effect of Speed Calming Measures on Vehicular Speed for Rural Roads	2022	Lecture Notes in Civil Engineering	233			10.1007/978-981-19-0189-8_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131115071&doi=10.1007%2f978-981-19-0189-8_35&partnerID=40&md5=2c43e4b29d87d295ce081532c99d8586	Conference Paper
Nikhil, K.J., Premananda, B.S.	57221648647;37091407700;	Area and Energy Optimized QCA-Based Binary to Gray Code Converters	2022	Lecture Notes in Networks and Systems	430		1	10.1007/978-981-19-0825-5_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130930448&doi=10.1007%2f978-981-19-0825-5_21&partnerID=40&md5=3d8680361b1c269c9ec1cd1f7de28258	Conference Paper

Shwetha, V., Renu Madhavi, C.H.	57208086549;57210109422;	MR Image based Brain Tumor Classification with Deep Learning Neural Networks	2022	WSEAS Transactions on Systems and Control	17			10.37394/23203.2022.17.22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130702310&doi=10.37394%2f23203.2022.17.22&partnerID=40&md5=073b6dfe2bd251b7330e4d6199078793	Article
Madhura, T.K., Rajesh, B.M., Kumar, K.C., Shubha, S., Chandra	56980005500;58126383700;57703505500;57704839800;55252490700;	Hirshfeld Surface Analysis, DFT Calculations And Molecular Docking Studies Of 2-Amino-N-(2-Fluorophenyl)-4,5,6,7-Tetrahydro-1-Benzothiophene-3-Carboxamide	2022	ECS Transactions	107	1		10.1149/10701.17113ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130585888&doi=10.1149%2f10701.17113ecst&partnerID=40&md5=6b8428b2dd02da598f9e21c9a72d8165	Conference Paper
Vasista, S., Vasista, S., Abbasi, T., Manokaran, S., Reddy, A.H.M.	57205378158;57703454000;57704146100;12781751200;57703449800;	Developing Grow-Light Spectrum Optimization Algorithm for Plant Models - Case Study of Spinacia oleracea	2022	ECS Transactions	107	1		10.1149/10701.1211ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130585127&doi=10.1149%2f10701.1211ecst&partnerID=40&md5=45084094c1f9a3164809227564013 6a6	Conference Paper

Shivaru, C.S., Bharath, D., Chandrakumar, R., Sridhar, R.	57704159600;57704387500;57704386000;57189034887;	A Smart Two-Wheeler Helmet With Sensors	2022	ECS Transactions	107	1		10.1149/10701.17361ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130582730&doi=10.1149%2f10701.17361ecst&partnerID=40&md5=4683354eeb11d6cb275378a911ce2c61	Conference Paper
Manukumar, K.N., Nagaraju, G., Sarkar, S., Manjunatha, D., Khosla, A., Manjunatha, C.	57194536018;21743102700;57193852851;57704149300;26423760200;56919543200;	Ta2O5-rGO Nanocomposite as Emerging Anode Material for Sodium Ion Storage Via Extrinsic Pseudo-Capacitive Red-Ox Process	2022	ECS Transactions	107	1		10.1149/10701.14829ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130582382&doi=10.1149%2f10701.14829ecst&partnerID=40&md5=b0fc304c87fe3e0d1bc50e35e2b76d1e	Conference Paper
Narasimhaswamy, N., Rohit, K.C., Rangaswamy, B.E., Divakara, S.G., Manokaran, S., Reddy, A.H.M.	57704390900;56618372400;55884327800;57204657256;12781751200;57703449800;	Biological Synthesis and Character ization of Silver Nanoparticles by Orthosyphan rubicundas	2022	ECS Transactions	107	1	1	10.1149/10701.16843ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130580668&doi=10.1149%2f10701.16843ecst&partnerID=40&md5=5948bc28ab58a9560ca61329215a7e4f	Conference Paper

Chakravarthi, S., Harti, A.M., Meda, U.S.	57703533800;57703310500;23485804000;	Product Design of Hydrogen Sensing System	2022	ECS Transactions	107	1	1	10.1149/10701.3011ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130578712&doi=10.1149%2f10701.3011ecst&partnerID=40&md5=311faf6e2ec60d8886bf391c51e67e95	Conference Paper
Sowmya, M., Patil, V.	55561235700;57703976200;	Numerical Analysis of RLC Electrical Circuits using Caputo Fractional Differential Operator	2022	ECS Transactions	107	1		10.1149/10701.14381ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130578326&doi=10.1149%2f10701.14381ecst&partnerID=40&md5=68f1f302d0d5a009fdba6af59fc6d217	Conference Paper
Karthikeyan, R., Sridhar, R., Selvam, P.P., Raj, R.J.	57203215178;57189034887;57703706700;57704630000;	Design and Analysis of Medium Utility Aircraft Landing Gear	2022	ECS Transactions	107	1		10.1149/10701.1063ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130578165&doi=10.1149%2f10701.1063ecst&partnerID=40&md5=d759d7d2bd2db1ad94d267cffac8780c	Conference Paper

Mallikarjun, H., Nischith Nirmal Raj, G.S., Nethravathi, S.	57704628500;57703472100;55496505500;	Dispersive Soil Stabilization using Biopolymers, Bioenzymes, Additives as a Subgrade Material - A Review Paper	2022	ECS Transactions	107	1	2	10.1149/10701.1043ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130578131&doi=10.1149%2f10701.1043ecst&partnerID=40&md5=20a891e7fea8863fb789cd5728de1def	Conference Paper
Rajyaguru, Y.V., Meda, U.S., Pandey, A., Manjunatha, C.	57703226800;23485804000;57704826200;56919543200;	Electrolyzers for green hydrogen generation and their integration with fuel cells	2022	ECS Transactions	107	1		10.1149/10701.4723ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130577830&doi=10.1149%2f10701.4723ecst&partnerID=40&md5=d027eff347c84a3b8ad7fbeb78b84c0c	Conference Paper
Ananya, G.M., Singh, A.K.	57704617200;57199212569;	Augmented Reality Sudoku Solver	2022	ECS Transactions	107	1		10.1149/10701.2085ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130577428&doi=10.1149%2f10701.2085ecst&partnerID=40&md5=f21c0143ac8e915244bd646ef96cd265	Conference Paper

Khan, I.A.A., Meda, U.S., Aman, A., Suresh, R., Mudbidre, R.	57704434500;23485804000;57704434600;57198152205;56020662300;	Alternatives to Conventional Platinum-Based Catalysts in Polymer Electrolyte Membrane Fuel Cells	2022	ECS Transactions	107	1		10.1149/10701.5487ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130576867&doi=10.1149%2f10701.5487ecst&partnerID=40&md5=a9086ef324b72870a8b94b3668a59857	Conference Paper
Sohan, M.C., Manjunath, A.A., Anala, M.R., Hemavathy, R.	57226800960;57226802629;55734811700;24168391100;	Banknote Denomination Recognition on Mobile Devices	2022	ECS Transactions	107	1	1	10.1149/10701.11781ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130576385&doi=10.1149%2f10701.11781ecst&partnerID=40&md5=a0966f57fb61f6ea3c9301a8dac03837	Conference Paper
Kashid, E.V., Bhardwaj, H.S., Siddharth Kaushik, L.S., Kumar, S.P., Tutika, S.	57704834600;57704380200;57704149700;57703921700;57704610100;	A Comparative Docking Analysis of Remdesivir and Dexamethasone Efficacy on Patients with COVID-19 and Myasthenia gravis	2022	ECS Transactions	107	1	1	10.1149/10701.1409ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130575211&doi=10.1149%2f10701.1409ecst&partnerID=40&md5=b1bb630c41c187eb07a3acb814c46633	Conference Paper

Mandi, U.A., Vora, K., Athreya, Y., Meda, U.S.	57560595300;57703463700;57559499200;23485804000;	Pollution Control Applications of Nano Titanium Dioxide in the Construction Industry	2022	ECS Transactions	107	1	1	10.1149/10701.3281ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130574277&doi=10.1149%2f10701.3281ecst&partnerID=40&md5=7db44080bcd9c711ba93afaa7a287913	Conference Paper
Kiran, S.M., Meda, U.S., Ranga, S.S., Raj, M.A.L.A., Basavaraja, R.J.	57703505200;23485804000;57704430700;14323955300;56471840100;	Advances in Incorporation of Nanomaterials onto Fabrics	2022	ECS Transactions	107	1	1	10.1149/10701.4853ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130571834&doi=10.1149%2f10701.4853ecst&partnerID=40&md5=e2824bb95124081af0677e8d62940a67	Conference Paper
Venkatesh, R., Reddy Yadav, L.S., Nagaraju, G., Khosla, A., Manjunatha, C.	57195916761;57188735599;21743102700;26423760200;56919543200;	Antibacterial Study of LaAlO3:Dy3+: Bi3+ Nanoparticles Synthesized by Modified Combustion Technique	2022	ECS Transactions	107	1		10.1149/10701.14985ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130568548&doi=10.1149%2f10701.14985ecst&partnerID=40&md5=053b66b64ac9591cef4791c52fac7a8d	Conference Paper

Bharath, B.K., Venugopal, G.	57703689400;57200501344;	Analysis of Flexible Pavement Over Expansive Subgrade Soil Using Plaxis Software	2022	ECS Transactions	107	1	1	10.1149/10701.15111ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130566948&doi=10.1149%2f10701.15111ecst&partnerID=40&md5=0b0b5f634882d8a9fec88bfb41048555	Conference Paper
Rao, N.N., Sharma, A., Anala, M.R., Rajan, A., Prutha, V., Nipun, S., Sohan, M.C.	55988649300;74044971319;55734811700;57704165200;57703249100;57219804393;57226800960;	Predictive Modeling of Different Treatments for Physiological and Nutritional Parameters of Ocimum Sanctum	2022	ECS Transactions	107	1		10.1149/10701.11189ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130566143&doi=10.1149%2f10701.11189ecst&partnerID=40&md5=03942c9ccda04f00932879de21a12533	Conference Paper
Chakraborthy, A., Sudeep, M., Chaudhary, V., Manjunatha, C., Chakraborty, S., Krishna, M.	57703226400;57205645458;57191954320;57703447300;8142901200;8243196100;	Advances and Prospects in Architecting SnO2 Based Nanosystems for Gas Sensing Applications	2022	ECS Transactions	107	1	3	10.1149/10701.14289ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130564250&doi=10.1149%2f10701.14289ecst&partnerID=40&md5=a34bcfa8f6784af9ad53c88634040fac	Conference Paper

Sudeep, M., Athreya, Y.N., Nikam, S.P., Chandrakumar, R., Khosla, A., Manjunatha, C.	57205645458;57559499200;57703463300;57200851382;26423760200;56919543200;	Current Developments in CuS Based Hybrid Nanocomposite for Electrochemical Biosensor Application: A Short Review	2022	ECS Transactions	107	1	2	10.1149/10701.15745ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130563992&doi=10.1149%2f10701.15745ecst&partnerID=40&md5=c9d9604f347dbf8189f00a3091068961	Conference Paper
Harshitha, N., Padubidri, A.R., Hulake, V., Meda, U.S.	57225209374;57704434000;57703976400;23485804000;	Studies on Leak Detection in Process Pipelines Using Artificial Neural Networks/Machine Learning	2022	ECS Transactions	107	1	1	10.1149/10701.4281ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130563214&doi=10.1149%2f10701.4281ecst&partnerID=40&md5=b2fee50de05e8654cd300112f4bd48c8	Conference Paper
Pandey, A., Meda, U.S., Rajyaguru, Y.V., Manjunatha, C.	57704826200;23485804000;57703226800;56919543200;	Designing a Solar PV Module for Powering an Electrolyzer	2022	ECS Transactions	107	1		10.1149/10701.5509ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130562897&doi=10.1149%2f10701.5509ecst&partnerID=40&md5=84d938376663cd0f5b5f3a92382d8c1e	Conference Paper

Kumar, J.V., Shylashree, N., Srinivas, S., Khosla, A., Hari Krishna, R., Manjunatha, C.	57457630300;56045640200;56801404000;26423760200;55881270900;56919543200;	Review on Biosensors: Fundamentals, Classifications, Characteristics, Simulations and Potential Applications	2022	ECS Transactions	107	1	2	10.1149/10701.13005ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130562302&doi=10.1149%2f10701.13005ecst&partnerID=40&md5=3255c03de52fd430b784cba4494bdee8	Conference Paper
Ghiya, N., Sridevi, K., Manjula, S.	57703702400;58021621700;13004088700;	Inverse Laplace Transform of the Incomplete H-Function	2022	ECS Transactions	107	1		10.1149/10701.11179ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130561527&doi=10.1149%2f10701.11179ecst&partnerID=40&md5=c5af03e08a61892746c5575a5e1b32e7	Conference Paper
Anil Subash, S., Manjunatha, C., Khosla, A., Hari Krishna, R., Ashoka, S.	57703685900;56919543200;26423760200;55881270900;52364988000;	Current Progress in Materials, Device Fabrication and Biomedical Applications of Potentiometric Sensor Devices: A Short Review	2022	ECS Transactions	107	1	2	10.1149/10701.6343ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130560146&doi=10.1149%2f10701.6343ecst&partnerID=40&md5=91a78a42127715044d9cb6905a34807d	Conference Paper

Ranga, S.S., Meda, U.S., Kiran, S.M.	57704430700;23485804000;57703505200;	Nanotechnology in the textile industry: Present and Future	2022	ECS Transactions	107	1		10.1149/10701.4791ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130558547&doi=10.1149%2f10701.4791ecst&partnerID=40&md5=6d838d737bd5f2e64369adfd9a35d91e	Conference Paper
Subana, P.S., Suresh, R., Hari Krishna, R., Meda, U.S., Sham Aan, M.P., Manjunatha, C.	57219470880;57198152205;55881270900;23485804000;57226233455;56919543200;	Remediation of Lead Ions from Waste Water Using Magnetic Iron Oxide Nanoadsorbents - A Review	2022	ECS Transactions	107	1	2	10.1149/10701.17217ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130558433&doi=10.1149%2f10701.17217ecst&partnerID=40&md5=860d0a3f276603b7b7e1577c9c2fa4cf	Conference Paper
Yogeeshwari, R.T., Srinivasa, N., Shreenivasa, L., Khosla, A., Manjunatha, C., Ashoka, S.	57211375841;57210451462;57206725444;26423760200;56919543200;52364988000;	Synthesis, Characterization and OER Performance of CrVO4 Nanoparticles	2022	ECS Transactions	107	1	2	10.1149/10701.14335ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130556302&doi=10.1149%2f10701.14335ecst&partnerID=40&md5=0dbef915bb715366687c4132e81e8b49	Conference Paper

Krithika, S., Manokaran, S., Reddy, A.H.M.	57704630300;12781751200;57703449800;	A comprehensive update on emerging infectious zoonosis and applications of zoonotic disease modeling - A Review	2022	ECS Transactions	107	1		10.1149/10701.1649ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130556160&doi=10.1149%2f10701.1649ecst&partnerID=40&md5=b91e866db8cef68ea08abe1a78e4ca13	Conference Paper
Adithya, S., Meda, U.S.	57260137700;23485804000;	A Review On The Development Of IOT Enabled Hydrogen Sensing Systems	2022	ECS Transactions	107	1		10.1149/10701.4767ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130556009&doi=10.1149%2f10701.4767ecst&partnerID=40&md5=7c1cc5be18a61d9105a5c400ddcecf6c	Conference Paper
Binoy, A., Bhat, D., Bhat, J.G., Sarvesha Babu, M., Manjunatha Reddy, A.H., Manokaran, S.	57703511500;57703511600;57704438400;57704891200;57703449800;12781751200;	Nutrigenomics In Lifestyle Disorders: A Review	2022	ECS Transactions	107	1	1	10.1149/10701.9249ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130555911&doi=10.1149%2f10701.9249ecst&partnerID=40&md5=833919cf80fbe59d2e5bc96d93c9da10	Conference Paper

Shubha, S., Rajesh, B.M., Avadhani, D.N., Madhura, T.K.	57704839800;58126383700;660261587 1;56980005500;	Innovative Approach For The Study Of Tuning Circuit With Open Source Tools	2022	ECS Transactions	107	1		10.1149/10701.1497ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130555294&doi=10.1149%2f10701.1497ecst&partnerID=40&md5=44cc6c204372e32bb4338ebb89708541	Conference Paper
Rath, A., Rao, A., Sharma, R., Meda, U.S.	58437888500;57468951700;57703918300;23485804000;	Microbial Fuel Cells and Genomics: A Review	2022	ECS Transactions	107	1	1	10.1149/10701.10729ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130553654&doi=10.1149%2f10701.10729ecst&partnerID=40&md5=f5da7fa4109900c0e7c7109a4dd9e510	Conference Paper
Prabhu, A.M.M., Meda, U.S., Joshi, A.V., Vidya, Ranganath, D.	57703234200;23485804000;57223606969;58116029900;57222267067;	Competitor Analysis of Hydrogen Sensing Systems	2022	ECS Transactions	107	1		10.1149/10701.4377ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130552877&doi=10.1149%2f10701.4377ecst&partnerID=40&md5=30f92e197ca3cbcc26c5b962fe5da7be	Conference Paper

Sripriya, Meda, U.S.	57703464000;23485804000;	Market Study of Hydrogen Sensors and Sensing Systems	2022	ECS Transactions	107	1	1	10.1149/10701.4489ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130550340&doi=10.1149%2f10701.4489ecst&partnerID=40&md5=8f2e808fb01ce37e2a4a8a195389ebb1	Conference Paper
Suresha, C., Halli, R.N., Khan, F.A.	57215544610;57215549271;57207192559;	Characterization of Refined Coconut Oil for Its Use as Transformer Liquid Insulator	2022	ECS Transactions	107	1		10.1149/10701.15155ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130550161&doi=10.1149%2f10701.15155ecst&partnerID=40&md5=cabc5eea25a26c2b793c2e60d919efaf	Conference Paper
Deepak, S.M., Rajeswari, M., Prashanth, S., Uchit, B.	57703932800;57200842566;57703467200;57703698300;	Domestic Water Filter for Treatment of Arsenic Contaminated Water	2022	ECS Transactions	107	1		10.1149/10701.15831ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130549977&doi=10.1149%2f10701.15831ecst&partnerID=40&md5=20b209a668a254fa7fa6ab1c96aab32a	Conference Paper

Radhakrishna, Sachin, K.C., Lokesh Kumar, G., Meda, U.S.	35771473600;57260905700;57704625800;23485804000;	Incorporation of Nanoparticles in Building Materials	2022	ECS Transactions	107	1		10.1149/10701.3375ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130549251&doi=10.1149%2f10701.3375ecst&partnerID=40&md5=5a0d8699e124569314593a84dd219b88	Conference Paper
Prakash, R., Sridevi, K., Bellad, S.	57208567581;58021621700;57704430900;	Optimization of Laser Beam Cutting Machining Parameters Using Anova and Regression Models	2022	ECS Transactions	107	1		10.1149/10701.14975ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130545805&doi=10.1149%2f10701.14975ecst&partnerID=40&md5=db24f6aba64033c58cb5dcefbdbbd955	Conference Paper
Bhattacharjee, R., Agrawal, P., Shivakumar, N.	57703456300;56388302300;55789385800;	The Genetic Model of The Disease Fibrodysplasia Ossificans Progressiva and Its Potential Treatments - A Review	2022	ECS Transactions	107	1		10.1149/10701.9327ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130545048&doi=10.1149%2f10701.9327ecst&partnerID=40&md5=4ed545098dc35ed75fe3e58e51d18b92	Conference Paper

Pavan Kumar, R., Sachin, K.C., Radhakrishna, Meda, U.S.	57703973700;57260905700;35771473600;23485804000;	Photocatalytic Cementitious Materials to Reduce Air Pollution: Review	2022	ECS Transactions	107	1		10.1149/10701.4863ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130543676&doi=10.1149%2f10701.4863ecst&partnerID=40&md5=c3c72c4de2b8fd6b3608be5e588a7a30	Conference Paper
Shruthi, M.N., Narahari, N.S., Bhaskar, M.G., Teli, S.C.	58900417700;56436569500;57703533900;57703534000;	Understanding material chemistry of mobile handset for recycling feasibility analysis	2022	ECS Transactions	107	1	1	10.1149/10701.6445ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130541926&doi=10.1149%2f10701.6445ecst&partnerID=40&md5=deeea4b55c0072b1a9e9c153b530e293	Conference Paper
Sudeep, M., Manjunatha, C., Sham Aan, M.P., Meda, U.S., Babu, G.S.	57205645458;56919543200;57226233455;23485804000;57223310526;	A Novel Electrospun PU@Cus Hybrid Nanofiber-Composite: Synthesis and Morphology Characterization	2022	ECS Transactions	107	1		10.1149/10701.2073ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130541369&doi=10.1149%2f10701.2073ecst&partnerID=40&md5=bd6fffac721a0ca33905acad10fcfcd8	Conference Paper

Mallikarjunaswamy, C., Lakshmi Ranganatha, V., Deepakumari, H.N., Nagaraju, G., Khosla, A., Manjunatha, C.	55334626800;55319356200;47060985100;21743102700;26423760200;56919543200;	Eco-Friendly Green Synthesis, Characterizations and Antimicrobial Activities of Nickel Oxide Nanoparticles	2022	ECS Transactions	107	1	8	10.1149/10701.16303ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130540942&doi=10.1149%2f10701.16303ecst&partnerID=40&md5=1c4696770917944a3de5b5aad44909eb	Conference Paper
Sarkar, S., Suchithra, V., Sidharana, M., Manjunatha, C.	57704846500;57213190479;57704846600;56919543200;	Nanobot Swarm for Targeted Elimination of Tumour in Brain	2022	ECS Transactions	107	1		10.1149/10701.2803ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130539856&doi=10.1149%2f10701.2803ecst&partnerID=40&md5=63716e0b1717a06059164e533aa3f1c8	Conference Paper
Neogi, A.G., Upadhyaya, A., Sumathra, M., Reddy, M.	57704463700;57704006600;58257844200;58182081000;	Edible Packaging- Food For Thought And Food For The Future	2022	ECS Transactions	107	1		10.1149/10701.13757ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130537886&doi=10.1149%2f10701.13757ecst&partnerID=40&md5=7b5576c10a867302ee1f4d3e3d560f38	Conference Paper

Rajaram, H., Harshitha, N., Sripriya, U., Meda, U.S.	57225218081;57225209374;57704668700;23485804000;	Bio Polyurethane Foam and its Fire Retardant Applications	2022	ECS Transactions	107	1	2	10.1149/10701.4299ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130537215&doi=10.1149%2f10701.4299ecst&partnerID=40&md5=2ab70741edfc6b93ac34976f55ec06c2	Conference Paper
Patel, M.S., Sudeep, M., Faisal, A.R., Abhishek, B., Shivaraj, B.W., Chaudhary, V., Manjunatha, C.	57678980700;57205645458;57222761414;36615134800;57195176001;8243196100;56919543200;	Functionalized Iron Oxide Nanostructures: Recent Advances in the Synthesis, Characterization qnd Electrochemical Biosensor Applications	2022	ECS Transactions	107	1	3	10.1149/10701.15477ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130535447&doi=10.1149%2f10701.15477ecst&partnerID=40&md5=6e44dae00b5032ea5160f4d0fb26f317	Conference Paper
Venugopal, G., Naagesh, S., Gangadhara, S.	57200501344;46661949200;660273756;	Effect of RBI Grade 81 on strength characteristics of Expansive soil	2022	ECS Transactions	107	1	1	10.1149/10701.15033ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130535000&doi=10.1149%2f10701.15033ecst&partnerID=40&md5=3206d039e275c0897a3cc922425e7ae9	Conference Paper

Sachin, K.C., Radhakrishna, Meda, U.S.	57260905700;35771473600;23485804000;	Synthesis of silicon dioxide nanoparticles by sol-gel method for application in geopolymer composites	2022	ECS Transactions	107	1		10.1149/10701.5533ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130534196&doi=10.1149%2f10701.5533ecst&partnerID=40&md5=94dca0c9c4428a127866439f5d12ccf2	Conference Paper
Achal Adiga, N., Ballal, A.B., Dileep, P., Harishgowda, M., Roopa, T.S., Angadi, G.	57704663400;57704884700;57704431600;57704663500;56788001800;57200842568;	Smart Automated Guided Vehicle For Flexible Manufacturing Systems	2022	ECS Transactions	107	1		10.1149/10701.13205ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130533855&doi=10.1149%2f10701.13205ecst&partnerID=40&md5=4261cd3b78016551b5d32699e50ba252	Conference Paper
Vijaykumar, P., Rangaswamy, B.E., Manokaran, S., Reddy, A.H.M.	57704143100;55884327800;12781751200;57703449800;	A Paradigm Shift in Oncology and its Treatment	2022	ECS Transactions	107	1		10.1149/10701.1183ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130533511&doi=10.1149%2f10701.1183ecst&partnerID=40&md5=617b581813ca567b3eb804465e2169b1	Conference Paper

Kallur, M., Chandraprabha, M.N., Hari Krishna, R., Khosla, A., Manjunatha, C.	57704377700;650 7595436;5588127 0900;2642376020 0;56919543200;	Synthesis, Characterization of Cerium Oxide Nanoparticles and Evaluation of DNA Binding Interactions	2022	ECS Transactio ns	107	1	2	10.1149/10701.1 5935ecst	https://www.scop us.com/inward/re cord.uri?eid=2- s2.0- 85130532169&do i=10.1149%2f107 01.15935ecst&pa rtnerID=40&md5 =09ded7592e7f43 9e2e16d8b6d372 3465	Conference Paper
Shreya, N.M., Meda, U.S., Patil, J.H., Moses, V., Muralidhara, P.L.	57703693100;234 85804000;550945 14000;572056513 98;55180761200;	Wastewater Treatment using Anaerobic Fluidized Bed Membrane Bioreactor Coupled with Microbial Fuel Cells for Circular Economy	2022	ECS Transactio ns	107	1		10.1149/10701.4 435ecst	https://www.scop us.com/inward/re cord.uri?eid=2- s2.0- 85130531720&do i=10.1149%2f107 01.4435ecst&part nerID=40&md5= 66cfb29f344c033 a0ef87fe75bbe1c 10	Conference Paper
Ajay, K.M., Mishal, G., Siddanna, Rajendra, V.M., Shivayogi, B.N., Dinesh, M.N.	58906794900;577 03285800;577042 02400;577037412 00;57703741300; 34869411600;	Performance Studies of Biomass derived RHAC and MgO Nanocomposite Electrode Material for Supercapacitor Applications	2022	ECS Transactio ns	107	1		10.1149/10701.7 607ecst	https://www.scop us.com/inward/re cord.uri?eid=2- s2.0- 85130531704&do i=10.1149%2f107 01.7607ecst&part nerID=40&md5= 7ca6bac92abac09 4029028df92b5f4 91	Conference Paper

Padiyar, S., Nihar, K.M., Bali, P., Shilpa, D.R., Mahesh, A.	57703745400;57703980300;57704891500;56112828300;57028659000;	Design of a Source Degenerated Cascode Stage Low Noise Amplifier for 5G Applications	2022	ECS Transactions	107	1	1	10.1149/10701.2531ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130531063&doi=10.1149%2f10701.2531ecst&partnerID=40&md5=23d99a4f134687787b0b7788a165d89b	Conference Paper
Husain, T., Vora, K., Meda, U.S., Sarode, M., Kallur, V.	57703235000;57560378300;23485804000;13004088700;57191067650;	Modelling And Simulation of Manufacturing Process of Paracetamol	2022	ECS Transactions	107	1		10.1149/10701.4389ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130530982&doi=10.1149%2f10701.4389ecst&partnerID=40&md5=fce4b8c06958831bfc3acbc2f6390d36	Conference Paper
Ashwini, K.B., Savitha, R., Harish, A.	57211493933;57226011877;57703510900;	Application of Augmented Reality Technology for home healthcare product Visualization	2022	ECS Transactions	107	1	1	10.1149/10701.10921ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130529012&doi=10.1149%2f10701.10921ecst&partnerID=40&md5=35a27213e6db3ef44ba3430737c2e3da	Conference Paper

Sudarshan, B., Shantanu, B.S., Srivaths, S., Neethu, S., Manjunatha, C.	57191910905;57348460600;57348150900;57201861956;56919543200;	Recent Advances in Nanomaterials Used for RFID Technology and Their Applications	2022	ECS Transactions	107	1		10.1149/10701.12189ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130528192&doi=10.1149%2f10701.12189ecst&partnerID=40&md5=40be8c192940937955151e91d67fbc36	Conference Paper
Manjunatha, C., Khosla, A., Hari Krishna, R., Vijay Kumar, P., Chakraborty, S., Krishna, M.	56919543200;26423760200;55881270900;57704674800;57703447300;8142901200;	Recent Advances in the Synthesis, Characterization of Pure and Doped NiO Nanostructures for Gas Sensor Applications	2022	ECS Transactions	107	1	1	10.1149/10701.3725ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130525685&doi=10.1149%2f10701.3725ecst&partnerID=40&md5=ff5a5b18f5e0b59017faa33b8a36d82e	Conference Paper
Hima Priya, K.N., Meghana, C.S., Raju, N.K., Shilpa, S.P., Yashaswini, M.R., Manjunatha, C.	57704373100;57703680900;57704826800;57704826900;57703914100;56919543200;	Current developments in conductive nano-inks for flexible and wearable electronics	2022	ECS Transactions	107	1	7	10.1149/10701.11261ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130523517&doi=10.1149%2f10701.11261ecst&partnerID=40&md5=5412f4f0171ad0d0c20736b2679637ec	Conference Paper

Bhat, N., Agrawal, C., Meda, U.S.	57703741500;57703741600;23485804000;	Hydrogen Impermeable Materials for Efficient Hydrogen Storage	2022	ECS Transactions	107	1	1	10.1149/10701.4875ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130522780&doi=10.1149%2f10701.4875ecst&partnerID=40&md5=c325930daf1bc1fa9ed0a0da14fefdf0	Conference Paper
Chavan, V.M.A., Shireesha, G., Ambika, M.R.	57704624600;57203014704;56685749200;	A Succinct Review On Piezoelectric Characteristics Of PVDF And Its Copolymer PVDF-HFP	2022	ECS Transactions	107	1	2	10.1149/10701.10623ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130522364&doi=10.1149%2f10701.10623ecst&partnerID=40&md5=8d5a1c68c6f9e570ce6f1fa830bd6dce	Conference Paper
Subramanya, K.N., Reddy, A.H.M., Brahmanand, D., Kammath, S.S., Manokaran, S., Rangaswamy, B.E.	35753798900;57703449800;57703450600;57703915300;12781751200;55884327800;	Application of MLOps in Prediction of Lifestyle Diseases	2022	ECS Transactions	107	1	5	10.1149/10701.1191ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130522203&doi=10.1149%2f10701.1191ecst&partnerID=40&md5=2d99001bb4af95b0e2f8d816016eebba	Conference Paper

Saipriya, L., Deekshitha, A., Shreya, Verma, S., Swathi, C., Manjunatha, C.	57704612000;57704612100;57704381200;57703236400;57703458200;56919543200;	Advances in Graphene Based MEMS and NEMS Devices: Materials, Fabrication and Applications	2022	ECS Transactions	107	1		10.1149/10701.10997ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130521254&doi=10.1149%2f10701.10997ecst&partnerID=40&md5=e36a0400352bfb7dc0027b08e37b349e	Conference Paper
Kumar, B.V., Darshan, S., Shivaraj, B.W., Krishna, M., Babu, G.S., Manjunatha, C.	57704138400;57218579375;57195176001;81429012000;57223310526;56919543200;	Modeling and Simulation of TiO2/Se Sensor for Detection of CO Gas Using COMSOL Multiphysics	2022	ECS Transactions	107	1	2	10.1149/10701.5867ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130520781&doi=10.1149%2f10701.5867ecst&partnerID=40&md5=6e7b63cc81a65e1d29916a8082132ed2	Conference Paper
Savitha, R., Ashwini, K.B., Prashanth, K.	57226011877;57211493933;57704662600;	Blockchain Based Online Voting System	2022	ECS Transactions	107	1		10.1149/10701.13195ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130519411&doi=10.1149%2f10701.13195ecst&partnerID=40&md5=997ba81a451553d40654396d12484a12	Conference Paper

Ghiya, N., Patil, V., Shivakumar, N.	57703702400;57703976200;55789385800;	Joint Natural and Fourier Transform Technique for Unified Fractional Schrödinger Equation in Quantum Mechanics	2022	ECS Transactions	107	1		10.1149/10701.10365ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130516511&doi=10.1149%2f10701.10365ecst&partnerID=40&md5=e00963c201c6f548b685292fe21b9f72	Conference Paper
Kaushik, M., Vijeth, B., Darshan, S.M., Gopal Krishna Hegade, M., Shetty, S.K., Manjunatha, C.	57704461700;57704691700;57218579375;57704229700;57703769100;56919543200;	Recent Advances in Efficient Nanostructured Photocatalysts for Hydrogen Fuel Production: A Short Review	2022	ECS Transactions	107	1	1	10.1149/10701.7563ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130515612&doi=10.1149%2f10701.7563ecst&partnerID=40&md5=69cc3b6f85149ea65b4f228711de9e45	Conference Paper
Bhavana, B., Radhakrishna, Meda, U.S.	57704373400;35771473600;23485804000;	Influence of Mixers on Dry Dispersion of Nanoparticles in the Cementitious Composites	2022	ECS Transactions	107	1		10.1149/10701.3537ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130514075&doi=10.1149%2f10701.3537ecst&partnerID=40&md5=b5de22839d3631d2c50b09534881bc31	Conference Paper

Koshy, A.M., Jeerapan, I., Manjunatha, C.	57435448500;56951218900;56919543200;	New Insights on Molecular Communication in Nano Communication Networks and Their applications	2022	ECS Transactions	107	1	1	10.1149/10701.9295ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130513762&doi=10.1149%2f10701.9295ecst&partnerID=40&md5=ce3c2025654f3082927b89fb61490a78	Conference Paper
Harini, R., Latha, H.K.E., Manjunatha, C.	57253420300;55991166400;56919543200;	Impact of green synthesized copper doped nanostructured molybdenum oxide flakes on micro structural, electrical and electro-chemical properties	2022	ECS Transactions	107	1		10.1149/10701.15141ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130513761&doi=10.1149%2f10701.15141ecst&partnerID=40&md5=6236228daf6773bc013d60a602b10f89	Conference Paper
Neeli, J., Cauvery, N.K.	57202362496;35291528300;	Design of Efficient Algorithms for Secure Communication Contextual to Internet of Things	2022	ECS Transactions	107	1		10.1149/10701.11063ecst	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130510313&doi=10.1149%2f10701.11063ecst&partnerID=40&md5=1a225386274e95053eb1477f7196bd0f	Conference Paper

Kejriwal, R., Ritika, H.J., Arora, A., Mohana	57224210338;57614785200;57610810400;57113679700;	Vehicle Detection and Counting using Deep Learning basedYOLO and Deep SORT Algorithm for Urban Traffic Management System	2022	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologi			4	10.1109/ICEEICT53079.2022.9768653	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130288732&doi=10.1109%2fICEEICT53079.2022.9768653&partnerID=40&md5=81e65ed5a5a7cdd9c5e93b8136de419f	Conference Paper
Rakesh, K.R., Namita, G.R., Kulkarni, R.	57195979744;57698353900;57696193000;	Image Recognition, Classification and Analysis Using Convolutional Neural Networks	2022	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologi			1	10.1109/ICEEICT53079.2022.9768474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130220152&doi=10.1109%2fICEEICT53079.2022.9768474&partnerID=40&md5=2281166040098bf6e233cbf4eb705367	Conference Paper
Padmavathi, P., Chandrashekar, K., Setlur, A.S., Niranjan, V.	57408377400;57408377500;57193269169;660323465 6;	MutaXome: A Novel Database for Identified Somatic Variations of In silico Analyzed Cancer Exome Datasets	2022	Cancer Informatics	21		2	10.1177/11769351221097593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130218685&doi=10.1177%2f11769351221097593&partnerID=40&md5=ed11cc7c21d5d80eee6db7d0f9a14aa9	Article

Kumar, K.D.L., Nagaraja, H.G., Manjulamma, U., Shashidhar, S.	58278571500;700 3457645;5721879 2231;5818271440 0;	Study on Kenmotsu manifolds admitting generalized Tanaka-Webster connection	2022	Italian Journal of Pure and Applied Mathematics	47		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130202985&partnerID=40&md5=e81b6e9c798c92a72e7d41bd9dcbe400	Article
Priya, D., Mamatha, G.S., Punith, M.R., Nagaraju, G.	57189353112;351 46519000;576939 96200;576939963 00;	Keratonalyse: A Study of Comparative Analysis of Supervised Learning Algorithms for Keratoconus Detection	2022	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022				10.1109/ICSCDS 53736.2022.9760 882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130094850&doi=10.1109%2fICSCDS53736.2022.9760882&partnerID=40&md5=6ae64bb986580a31fcaafcc54f9661fd	Conference Paper
Devadas, R., Cholli, N.G.	57211319329;572 02086135;	Multi aspects based requirements prioritization for large scale software using deep neural lagrange multiplier	2022	1st IEEE International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN			3	10.1109/ICSTSN 53084.2022.9761 298	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130023795&doi=10.1109%2fICSTSN53084.2022.9761298&partnerID=40&md5=af3f133df5588d61c7518455c48203b3	Conference Paper

Jayaseelan, S.M., Gopal, S.T., Muthu, S., Selvaraju, S., Patel, M.S.	57811821400;57200879167;57679599600;57755320900;57678980700;	A Hybrid Fuzzy based Cross Neighbor Filtering (HF-CNF) for Image Enhancement of fine and coarse powder Scanned Electron Microscopy (SEM) images	2022	Journal of Intelligent and Fuzzy Systems	42	6	5	10.3233/JIFS-212561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129897078&doi=10.3233%2fJIFS-212561&partnerID=40&md5=67482203aa40d506871161ba3b655f620	Article
Shashi Kiran, C.R., Gowtham Prasad, M.E., Ashwin Thammaiah, K., Badami, S.S., Shruthi, H.G., Sampathkumar, M.C.	57191959343;57678643000;57260684900;57196468100;57679266600;57205645228;	Drought Risk Assessment Using NDVI—A Case Study	2022	Advances in Science, Technology and Innovation				10.1007/978-3-030-76081-6_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129895371&doi=10.1007%2f978-3-030-76081-6_29&partnerID=40&md5=9ae5e60cf87e10f938330e3492f4c2bc	Conference Paper
Ashwin Thammaiah, K., Shruthi, H.G., Gowtham Prasad, M.E., Shashi Kiran, C.R., Badami, S.S., Sampathkumar, M.C.	57260684900;57679266600;57678643000;57191959343;57196468100;57205645228;	Enviro-Safe Stabilization of Black Cotton Soil—Experimental Study with Optimal Proportion of Stabilizer	2022	Advances in Science, Technology and Innovation				10.1007/978-3-030-76081-6_90	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129881559&doi=10.1007%2f978-3-030-76081-6_90&partnerID=40&md5=fbb4862df079fdad9dca2ce3cf700b22	Conference Paper

Priya, B.H., Reddy, B.R.	57218248969;15754415500;	Machine Learning based U - Net Algorithm for SAR Image Classification	2022	2022 IEEE Delhi Section Conference, DELCON 2022				10.1109/DELCON54057.2022.9752996	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129424742&doi=10.1109%2fDELCON54057.2022.9752996&partnerID=40&md5=1beff8f84de82cc6770085b69bbf5dac	Conference Paper
Reddy, B.R., Uttarakumari, M., Shrusthi, S.S., Bency, M., Shreya, D., Patil, K., Holla, P.	15754415500;36545560700;57666858600;57235999900;57666225700;57214995742;57214806581;	Machine Learning Based VoxelNet and LUNET architectures for Object Detection using LiDAR Cloud Points	2022	2022 IEEE Delhi Section Conference, DELCON 2022			3	10.1109/DELCON54057.2022.9753403	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129358880&doi=10.1109%2fDELCON54057.2022.9753403&partnerID=40&md5=18b012bc0051eb03fe9c637701c8e9f9	Conference Paper
Mohana, P.P.	57113679700;	A Survey of Modern Deep Learning based Generative Adversarial Networks (GANs)	2022	Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC			8	10.1109/ICCMC53470.2022.9753782	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129125823&doi=10.1109%2fICCMC53470.2022.9753782&partnerID=40&md5=da55412b35a9662f4e74052d83e245bc	Conference Paper

Amourah, A., Frasin, B.A., Swamy, S.R., Sailaja, Y.	56401097000;9269603400;13405020400;57225052103;	Coefficient bounds for Al-Oboudi type bi-univalent functions connected with a modified sigmoid activation function and k-Fibonacci numbers	2022	Journal of Mathematics and Computer Science	27	2	5	10.22436/jmcs.027.02.02	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129093654&doi=10.22436%2fjmcs.027.02.02&partnerID=40&md5=732b680fea283437b7eef91f1c90fb2a	Article
Chigurupati, S., Balaji, J.	57648000100;57645034400;	Analysis of Bending Abilities of Soft Pneumatic Actuator	2022	Lecture Notes in Mechanical Engineering				10.1007/978-981-16-9952-8_42	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128956452&doi=10.1007%2f978-981-16-9952-8_42&partnerID=40&md5=464bc39fd293756e8ff1ea802b8a15e0	Conference Paper
Pooja, Shushrutha, K.S.	57645574200;56556976900;	Automation of Security Scanning Tools Using K8's Environment for Commercial Telecom Product	2022	Lecture Notes in Electrical Engineering	838			10.1007/978-981-16-8550-7_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128914688&doi=10.1007%2f978-981-16-8550-7_11&partnerID=40&md5=51e0c294914ee07680c43988117af7d7	Conference Paper

Shashank, B.S., Kumar.K, P., Nagaraja, P.S.	57217461612;56237227800;53064219100;	Fracture behavior study of self-healing bacterial concrete	2022	Materials Today: Proceedings	60		8	10.1016/j.matpr.2021.12.520	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128899081&doi=10.1016%2fj.matpr.2021.12.520&partnerID=40&md5=ef00fef11e29975211a2503ba0685ab3	Article
Mohana, Kejriwal, R., Ritika, H.J., Arora, A.	57113679700;57224210338;57614785200;57610810400;	Artificial Intelligence (AI) Enabled Vehicle Detection and counting Using Deep Learning	2022	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			3	10.1109/ICCCI54379.2022.9740929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128704774&doi=10.1109%2fICCCI54379.2022.9740929&partnerID=40&md5=81db49a6593c86a354c908c92196e553	Conference Paper
Akshitha, B.N., Balreddy, M.S., Sunil, S.	57607914100;56884695700;57211624263;	Laboratory investigation of stone mastic asphalt using reclaimed asphalt pavement	2022	Materials Today: Proceedings	60		1	10.1016/j.matpr.2022.02.274	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128673277&doi=10.1016%2fj.matpr.2022.02.274&partnerID=40&md5=2446a811f5eb1128fd163ef1d8d27102	Article

Prasad, P., Chawla, A., Mohana	57575885100;57575885200;57113679700;	Facemask Detection to Prevent COVID-19 Using YOLOv4 Deep Learning Model	2022	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022			5	10.1109/ICAIS53314.2022.9742863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128202315&doi=10.1109%2fICAIS53314.2022.9742863&partnerID=40&md5=4f084b07027c189aee80898adcaa5f4b	Conference Paper
Arora, K., Abbi, P., Gupta, P.K.	57574016600;57226563083;56608493300;	Analysis of Supply Chain Management Data Using Machine Learning Algorithms	2022	Studies in Systems, Decision and Control	424			10.1007/978-981-19-0240-6_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128110845&doi=10.1007%2f978-981-19-0240-6_8&partnerID=40&md5=2773677a58eeda753792a55c726c72b9	Book Chapter
Rashmi, H.S., Vishnumurthy, K.A., Kusanur, R.	57566885200;56320807800;650772 7904;	Design and synthesis of new conjugated copolymer for methanol sensing application	2022	Materials Today: Proceedings	54			10.1016/j.matpr.2021.10.055	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127884742&doi=10.1016%2fj.matpr.2021.10.055&partnerID=40&md5=f808f529c9740c94832bbe05b75e704e	Article

Pramod, T., Sampathkumaran, P., Seetharamu, S., Dube, N., Vergis, B.R., Kumar, R.K., Ranganathaiah, C.	57189761387;66030252 12;6603809161;26632748600;57207854227;57205872369;7003411408;	Evaluation of Corrosion Rate and Scratch Resistance in Chromium Alloyed Irons Influenced by Manganese Addition and Process Parameters	2022	Springer Proceedings in Materials	15			10.1007/978-981-16-7554-6_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127880563&doi=10.1007%2f978-981-16-7554-6_4&partnerID=40&md5=8655c60e4879a92c92229b268cf5a8dd	Book Chapter
Sai Vyshnavi, T., Prakash, S., Basani, V., Uma Rao, K.	57563779300;57653793100;57563527900;650754597 7;	Cardiac Problem Risk Detection Using Fuzzy Logic	2022	Lecture Notes on Data Engineering and Communications Technologies	106			10.1007/978-981-16-8403-6_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127678589&doi=10.1007%2f978-981-16-8403-6_16&partnerID=40&md5=ee304b3a5a5e5e7f4f5f71d08d068e36	Book Chapter
Karthik, A., Mishra, H., Jayanth, S., Shobha, G., Shetty, J.	57223815610;57208908693;57211155735;14829661100;55994536900;	Performance Skew Prediction in HPCC Systems	2022	Proceedings of the Confluence 2022 - 12th International Conference on Cloud Computing, Data Science and			2	10.1109/Confluence52989.2022.9734182	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127581489&doi=10.1109%2fConfluence52989.2022.9734182&partnerID=40&md5=bd18ea88c517ab24d781b5b472bdb6c0	Conference Paper

Jayashree, N., Babu, B.S.	57190663215;57304737200;	Edge data analytics technologies and tools	2022	Advances in Computers	127			10.1016/bs.adcom.2022.02.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127461773&doi=10.1016%2fbs.adcom.2022.02.004&partnerID=40&md5=a1aa0782a49d00900956c8b01a90ffe2	Book Chapter
Kavitha, T.N., Auradi, V., Rajesh, G.L., Bharath, V., Kumar, S.M., Nagaral, M.	57198177125;57035923003;58435323300;57204577768;58856358900;56298423400;	Microstructure and tensile behaviour of B4C particles reinforced Al6061 matrix composites	2022	Materials Today: Proceedings	52		2	10.1016/j.matpr.2021.11.188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127444173&doi=10.1016%2fj.matpr.2021.11.188&partnerID=40&md5=81dac53eb044489561be29c9af232fdda	Conference Paper
Srihari, N.S., Amruth Kumar, S., Premananda, B.S.	57552259000;57552018900;37091407700;	Design and Simulation of a Direct-PSK Based Telecommand Receiver for Small Satellite	2022	Lecture Notes on Data Engineering and Communications Technologies	116			10.1007/978-981-16-9605-3_59	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127147863&doi=10.1007%2f978-981-16-9605-3_59&partnerID=40&md5=f3a4d92c6b5fcad00cc45cbc8dda9ecd	Book Chapter

Venkataswamy, R., Rao, K.U., Meena, P.	57191613873;55792251700;57214561723;	Transformer performance enhancement by optimized charging strategy for electric vehicles	2022	Archives of Electrical Engineering	71	1		10.24425/aee.2022.140196	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127101922&doi=10.24425%2faee.2022.140196&partnerID=40&md5=97aba68d8efe18c75d3e95c9caf7c2e4	Article
Srivatsa, H.N., Kumar, N.D., Kushal, S.L.	57549962800;57128767300;57539163800;	V3- A Gesture Controlled Drone	2022	Digest of Technical Papers - IEEE International Conference on Consumer Electronics	#####			10.1109/ICCE53296.2022.9730508	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127059769&doi=10.1109%2fICCE53296.2022.9730508&partnerID=40&md5=5fcd7dca5651bd301a1dc5853684ee17	Conference Paper
Binish, C.J., Vijayasankar, A.V., Sham Aan, M.P.	57547587100;35886116400;57226233455;	Synthesis and characterization of Poly-Vinyl Alcohol-Alumina composite film: An efficient adsorbent for the removal of Chromium (VI) from water	2022	Materials Today: Proceedings	62		7	10.1016/j.matpr.2022.02.629	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126943592&doi=10.1016%2fj.matpr.2022.02.629&partnerID=40&md5=848668068e5999dff8dfc87ec3a4bc66	Article

Kumar, S., Chandra, Rajesh, B.M., Doreswamy, B.H., Sunilkumar, Y.C., Nair, A.N., Bajpai, M.	57216819829;55252490700;58126383700;66031994466;17347303700;57797971900;57540155700;	Synthesis, crystal structure, spectroscopic characterization, Hirshfeld surface analysis, DFT calculation and molecular modeling studies of 1-(4-Nitro-phenyl)-3,5-di-thiophen-2-yl-1H-pyrazole	2022	Molecular Crystals and Liquid Crystals	740	1	2	10.1080/15421406.2022.2031446	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126753020&doi=10.1080%2f15421406.2022.2031446&partnerID=40&md5=3d5eda6a53d2b9b18177aac2e5a4cccd	Article
Swamy, S.R., Lupas, A.A.	13405020400;37009764600;	Bi-univalent Function Subfamilies Defined by q - Analogue of Bessel Functions Subordinate to (p, q) - Lucas Polynomials	2022	WSEAS Transactions on Mathematics	21		1	10.37394/23206.2022.21.15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126579572&doi=10.37394%2f23206.2022.21.15&partnerID=40&md5=a2febd47d5edbb7047fe52b928546ccf	Article
Archana, M.S., Vijaya Kumar, M.N., Shyamasundar, M.S.	57201226837;57490923900;57491629600;	Women Entrepreneurship and Innovation in Higher Education: Opportunities and Challenges in India -A Review	2022	Journal of Engineering Education Transformations	35	3	5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126538431&partnerID=40&md5=18fb0ddbd1004451b607866a2860a23b	Article

Narasimha Swamy, S., Shivanarayanamurthy, P., Purohit, G., Raju, K.S.	57208305262;57218620210;56011129400;55339693000;	An Edge Computing-Assisted Internet of Things-Based Secure Smart Home	2022	Lecture Notes on Data Engineering and Communications Technologies	99		1	10.1007/978-981-16-7182-1_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126362271&doi=10.1007%2f978-981-16-7182-1_14&partnerID=40&md5=4afa547c06910d1e3bd2604bed44b953	Book Chapter
Kurtkoti, M., Premananda, B.S., Vishwavardhan Reddy, K.	57486241900;37091407700;57485624800;	Performance Analysis of Machine Learning Algorithms in Detecting and Mitigating Black and Gray Hole Attacks	2022	Lecture Notes on Data Engineering and Communications Technologies	96		8	10.1007/978-981-16-7167-8_69	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126202956&doi=10.1007%2f978-981-16-7167-8_69&partnerID=40&md5=25c9c0fde2c14aa4bd0cce7a33840717	Book Chapter
Siddaiah, P.B., Jayanthi, N.K., Managoli, S.H.	37091407700;57483674100;57214806662;	Low Power Square Root Carry Select Adder Using AVLS-TSPC-Based D Flip-Flop	2022	Electrica	22	1	6	10.5152/electrica.2021.21024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126086995&doi=10.5152%2felectrica.2021.21024&partnerID=40&md5=430de15696c69346153d3f495db438b9	Article

Shivakumara, J., Hari Krishna, R., Manjunatha, C., Siddaramanna, A., Rao, B.M., Khosla, A., Chikkahanumantharayappa	57196185424;55881270900;56919543200;52364988000;56011339400;26423760200;35486961500;	Investigations on the effect of NH4Cl flux on the structural and optical properties of CdSiO3:Eu3+ nanophosphor	2022	Materials Research Innovations	26	7		10.1080/14328917.2022.2044172	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126058552&doi=10.1080%2f14328917.2022.2044172&partnerID=40&md5=7940493d3a8721798603c0746c010df7	Article
Wani, T.P., Raja, R., Sampathkumaran, P., Seetharamu, S., Sailaja Bhattacharya, R.R.N., Deshpande, S.	57205060336;37049273200;66030225212;6603809161;57479766000;57205061812;	Tribological behaviour of silk fibre reinforced HDPE nano composite	2022	Tribology - Materials, Surfaces and Interfaces	16	3		10.1080/17515831.2021.2023289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125894317&doi=10.1080%2f17515831.2021.2023289&partnerID=40&md5=d5676080ad30ea858edfdb4ffa115937	Review
Swamy, S.R., Yalçın, S.	13405020400;56207790300;	COEFFICIENT BOUNDS FOR REGULAR AND BI-UNIVALENT FUNCTIONS LINKED WITH GEGENBAUER POLYNOMIALS	2022	Problemy Analiza	11(29)	1	2	10.15393/j3.art.2022.10351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125519048&doi=10.15393%2fj3.art.2022.10351&partnerID=40&md5=213e5b97acf78036bc97a7c24adcfba0	Article

Gupta, C., Rajeswara Rao, K.V.S., Datta, P.	57611784800;57190737171;57203278108;	Support Vector Machine Based Prediction of Work-Life Balance Among Women in Information Technology Organizations	2022	IEEE Engineering Management Review	50	2	1	10.1109/EMR.2022.3152520	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125304785&doi=10.1109%2fEMR.2022.3152520&partnerID=40&md5=b5c2238d84606d1b4cace4da1b0a7f96	Article
Chandrashekhar, P.K., Srivani, S.G.	57215598271;26422586800;	Online Transient Stability Assessment Using Regression Models	2022	Lecture Notes in Electrical Engineering	812			10.1007/978-981-16-6970-5_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125246729&doi=10.1007%2f978-981-16-6970-5_12&partnerID=40&md5=2495688d63fc79e502ffc06faf2c8b72	Conference Paper
Sandesh, R.S., Venkatesan, N.	37011648600;55308466200;	Steady state VEP-based BCI to control a five-digit robotic hand using LabVIEW	2022	International Journal of Biomedical Engineering and Technology	38	2	2	10.1504/IJBET.2022.120867	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125007559&doi=10.1504%2fIJBET.2022.120867&partnerID=40&md5=07b6f872805f0e42c40fda7f6aaa903f	Article

Hari Krishna, R., Chandraprabha, M.N., Mamatha, G.M., Mallappa, M., Kundagol, D., Manjunatha, C.	55881270900;650 7595436;5723637 3200;5636724200 0;57446451800;5 6919543200;	Non-enzymatic Catalytic Oxidation of Glucose and Dual Mode Sensing by Fluorescence/Electrochemical Methods Using MO–GO Composites (MO = ZnO, CuO, NiO and Co3O4)	2022	Topics in Catalysis			4	10.1007/s11244-022-01588-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124367747&doi=10.1007%2fs11244-022-01588-4&partnerID=40&md5=5f5caf99e0b10143537b4753dff1bc57	Article
Shammaky, A.E., Frasin, B.A., Swamy, S.R.	57195418378;926 9603400;1340502 0400;	Fekete-Szegö Inequality for Bi-Univalent Functions Subordinate to Horadam Polynomials	2022	Journal of Function Spaces	2022		6	10.1155/2022/9422945	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124278773&doi=10.1155%2f2022%2f9422945&partnerID=40&md5=d13c10d6b98f694d02cabbd166136fb5	Article
Deepika, K., Renuka Prasad, B.	57189236004;574 42567200;	High-Precision Indoor Tracking Using Ultra-Wide Band Devices and Open Standards	2022	Lecture Notes in Networks and Systems	336			10.1007/978-981-16-6723-7_48	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124167297&doi=10.1007%2f978-981-16-6723-7_48&partnerID=40&md5=48ab2cf2530be3a398ae42f023431c58	Conference Paper

Hiremath, S., Koppad, D.	24472958900;56372861300;	Design of Low Power Sequential Circuits Using GDI Cells	2022	Lecture Notes in Networks and Systems	336			10.1007/978-981-16-6723-7_54	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124123221&doi=10.1007%2f978-981-16-6723-7_54&partnerID=40&md5=b22b4904efd229c2e4033e3d2ebf677b	Conference Paper
Pai M, M., Batakurki, S.R., Yallur, B.C., Adimule, V.M., Kusanur, R., Ahmed, E.	57210818882;57219802771;56033294500;57203170233;6507727904;57196877942;	Green Synthesis of Chitosan Supported Magnetic Palladium Nanoparticles Using Epiphyllum oxypetalum Leaf Extract (Pd-CsEo/Fe3O4 NPs) as Hybrid Nanocatalyst for Suzuki–Miyaura Coupling of Thiophene	2022	Topics in Catalysis			9	10.1007/s11244-022-01576-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124091558&doi=10.1007%2fs11244-022-01576-8&partnerID=40&md5=fa0dc51768fa82c2430616fd7d21b9e6	Article
Ashwith, A., Sethuram, A., Nasreen, A., Shobha, G., Iyengar, S.S.	57438765100;57439623800;56584235400;14829661100;57204520228;	Deep Learning-Based Object Recognition in Video Sequences	2022	International Journal of Computing and Digital Systems	11	1		10.12785/ijcds/11014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124013560&doi=10.12785%2fijcds%2f11014&partnerID=40&md5=b69401d71e0a5d0af17ff6fd07bf8b10	Article

Vasudeva, G., Uma, B.V.	57222076667;55130921800;	Design and Implementation of High Speed and Low Power 12-bit SAR ADC using 22nm FinFET	2022	WSEAS Transactions on Systems and Control	17			10.37394/23203.2022.17.1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123958776&doi=10.37394%2f23203.2022.17.1&partnerID=40&md5=dba1c423fc61b06898210d67fef1dc56	Article
Devadas, R., Cholli, N.G.	57211319329;57202086135;	Interdependency Aware Qubit and Brownboost Rank Requirement Learning for Large Scale Software Requirement Prioritization	2022	International Journal of Computing and Digital Systems	11	1	5	10.12785/ijcds/110150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123530538&doi=10.12785%2fijcds%2f110150&partnerID=40&md5=7e5d583c39b93a8c4131e0fed54d4c4e	Article
Vasudeva, G., Uma, B.V.	57222076667;55130921800;	Two-Stage Folded Resistive String 12-Bit Digital to Analog Converter Using 22-nm FINFET	2022	Lecture Notes on Data Engineering and Communications Technologies	93		1	10.1007/978-981-16-6605-6_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123373821&doi=10.1007%2f978-981-16-6605-6_8&partnerID=40&md5=f2fe4e33990e5da113082cf84d431a49	Book Chapter

Telkar, P.S., Nayak, D., Rahul Raj, D.N., Kiran, V.	57422709200;57214790846;57222037551;57264437000;	Performance Analysis of Wi-Fi and LTE-LAA/LTE-U	2022	Lecture Notes in Networks and Systems	333		1	10.1007/978-981-16-6309-3_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123316868&doi=10.1007%2f978-981-16-6309-3_31&partnerID=40&md5=0e33303e15e7fee1c69966822215b1c8	Conference Paper
Sankangoudar, K.U., Nag, K.S., Sharma, A.	57423017400;57422264000;57423017500;	Implementation of UVM Agents for Hexagon Subsystem RTL	2022	Lecture Notes in Networks and Systems	314			10.1007/978-981-16-5655-2_76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123303027&doi=10.1007%2f978-981-16-5655-2_76&partnerID=40&md5=52d13d8620c6ed1e0b947ef21d13acf6	Conference Paper
Gayathri, D.S., Rani, K.R.U.	58709043200;36783798100;	Analysis of Impedance Matching Technique on Broadband Powerline Communication Network Topologies	2022	Lecture Notes in Networks and Systems	314			10.1007/978-981-16-5655-2_85	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123295952&doi=10.1007%2f978-981-16-5655-2_85&partnerID=40&md5=232275f444151eb9e0b23cb20b53b029	Conference Paper

Kiran, V., Telkar, P.S., Nayak, D., Raj, D.N.R.	57264437000;57422709200;57214790846;57422113600;	Wi-Fi and LTE Coexistence in Unlicensed Spectrum	2022	Smart Innovation, Systems and Technologies	251		4	10.1007/978-981-16-3945-6_76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123274102&doi=10.1007%2f978-981-16-3945-6_76&partnerID=40&md5=595e056286c75c0b53ce083c787540b3	Conference Paper
Veena Divya, K., Jatti, A., Vidya, M.J., Joshi, R., Gade, S.	57196194328;55580963900;55817931000;56587393300;57411042000;	A Novel Approach towards Automatic Contour Identification of Jaw Cysts from Digital Panoramic Radiographs to improvise the Treatment planning	2022	International Journal of Biology and Biomedical Engineering	16		1	10.46300/91011.2022.16.1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122754031&doi=10.46300%2f91011.2022.16.1&partnerID=40&md5=6a8bc09376ada5e777f7fffcfcdfef48	Article
Chandrashekar, B.H., Vishal, C.	57523533200;57402972500;	Livestock Management Application through Internet of Things	2022	International Journal of Mechanical Engineering	7	1			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122467731&partnerID=40&md5=e36eee202fadaf72b0eb8292950cf8c1	Article

Noronha, N.P., Munishamaih, K.	57226736475;57315990500;	Investigation of aerodynamic interaction between the balloon and the ducted wind turbine in airborne configuration	2022	Energy Harvesting and Systems	9	1		10.1515/ehs-2021-0067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122306992&doi=10.1515%2fehs-2021-0067&partnerID=40&md5=8241714e0d8af6d17772f1f4efc11bbc	Article
Dubey, R.S., Srilali, S., Ravikiran, Y.T., Babu, G.S., Katta, K.V.	24168535300;57396258800;54419169200;57223310526;57222637565;	Synthesis and characterization of Znx-1Al2O4(TiO2)x nanocomposite ceramics and their humidity sensing properties	2022	Journal of Materials Science	57	4	4	10.1007/s10853-021-06709-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122237308&doi=10.1007%2fs10853-021-06709-0&partnerID=40&md5=1cefef84a63a6090115eb6b5e1d8f21a	Article
Prema, V., Bhaskar, M.S., Almakhles, D., Gowtham, N., Rao, K.U.	56096780000;56229894300;56663152700;54395166300;55792251700;	Critical Review of Data, Models and Performance Metrics for Wind and Solar Power Forecast	2022	IEEE Access	10		36	10.1109/ACCESS.2021.3137419	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122084202&doi=10.1109%2fACCESS.2021.3137419&partnerID=40&md5=32e0640542d740365d9b8f67d9abd638	Review

Shenoy, P.S.P., Vishnu, S.S., Kumar, R.P., Bailuguttu, S.	57392076100;58457270900;650696 2203;5721122048 7;	Enhancement of observability using Kubernetes operator	2022	Indonesian Journal of Electrical Engineering and Computer Science	25	1	2	10.11591/ijeecs.v25.i1.pp496-503	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121999433&doi=10.11591%2fijeecs.v25.i1.pp496-503&partnerID=40&md5=0d91c7bebd3feeac26336b32a85cc4fc	Article
Dhanush, T.N., Parashar, V.S., Premananda, B.S.	57205768117;572 11608075;370914 07700;	Analysis of QCA-Based Serial Concatenated Convolution Coding Encoder for Error Correction	2022	Lecture Notes in Electrical Engineering	777		2	10.1007/978-981-16-2761-3_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121702514&doi=10.1007%2f978-981-16-2761-3_37&partnerID=40&md5=5fdf8b8058a91bb19b64a3ac9c76ff91	Conference Paper
Anirvinnan, P., Premananda, B.S.	57211604685;370 91407700;	Data and Bandwidth Analysis of CAN Bus in a System Using MATLAB	2022	Lecture Notes in Electrical Engineering	777			10.1007/978-981-16-2761-3_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121685532&doi=10.1007%2f978-981-16-2761-3_21&partnerID=40&md5=fb6212da41255caf5d779d4ab25e8b1e	Conference Paper

Vaish, K., Deepak, G., Santhanavijayan, A.	57384594200;57217039816;55042923700;	DSEORA: Integration of Deep Learning and Metaheuristics for Web Page Recommendation Based on Search Engine Optimization Ranking	2022	Lecture Notes in Electrical Engineering	790		3	10.1007/978-981-16-1342-5_69	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121673964&doi=10.1007%2f978-981-16-1342-5_69&partnerID=40&md5=6b696efd4e09135a0524deab518c4f83	Conference Paper
Aneesh Bharadwaj, D., Parashar, V.S., Dhanush, T.N., Premananda, B.S.	57211604054;57211608075;57205768117;37091407700;	Design and Implementation of Phase Frequency Detectors for Low-Power PLL	2022	Lecture Notes in Electrical Engineering	777			10.1007/978-981-16-2761-3_36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121671439&doi=10.1007%2f978-981-16-2761-3_36&partnerID=40&md5=50773006b6836e29bef0b9d73dace440	Conference Paper
Patil, J.H., Vishnumurthy, K.A., Kusanur, R., Melavanki, R.	55094514000;56320807800;650772790 4;23061607900;	Synthesis and characterization of chitosan-hydroxyapatite composite for bone graft applications	2022	Journal of the Indian Chemical Society	99	1	6	10.1016/j.jics.2021.100308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121209573&doi=10.1016%2fj.jics.2021.100308&partnerID=40&md5=73dc09e5337acf5d8fc8e804699fe408	Article

Mahesh, S., Marco, S., Sharma, R.S., Praveenkumar, M.K., Wadagavi, V., Subbarao, L.	57525275300;57368589500;55348178700;57367969800;57368380800;57367546600;	A machine learning approach to predict the stress results of quadratic tetrahedral elements	2022	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	236	2		10.1177/09544062211010828	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120921311&doi=10.1177%2f09544062211010828&partnerID=40&md5=340cec79ae8eb051242aa2b7604f5600	Article
Thavasimani, K., Srinath, N.K.	57361502700;24492408800;	A Custom Classifier to Detect Spambots on CRESCI-2017 Dataset	2022	Lecture Notes in Electrical Engineering	789			10.1007/978-981-16-1338-8_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120529773&doi=10.1007%2f978-981-16-1338-8_16&partnerID=40&md5=d3e0be654a59128d8c44aa086de62596	Conference Paper
Pavithra, H., Srinivasan, G.N., Swarnalatha, K.S.	57216648451;56501487200;57211181338;	A Survey on Role of SDN in Implementing QoS in Routing in the Network	2022	Lecture Notes in Electrical Engineering	789		2	10.1007/978-981-16-1338-8_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120526691&doi=10.1007%2f978-981-16-1338-8_31&partnerID=40&md5=f3685fec2964c3a2e0b9561bae0d2cd8	Conference Paper

Chandrashekar, L., Sreedevi, A.	57196259433;35173705900;	A Nature Inspired Algorithm for Enhancement of Fused MRI and CT Brain Images	2022	Lecture Notes in Electrical Engineering	789		3	10.1007/978-981-16-1338-8_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120521745&doi=10.1007%2f978-981-16-1338-8_2&partnerID=40&md5=6e34a9706b8b475ea2112b090610530d	Conference Paper
Deshapande, A., Sahana, B., Nataraj, K.R., Rekha, K.R.	57202899762;57211220487;35792514600;55843876900;	Design and Implementation of Hybrid VM Migration Algorithm in Intra-cluster Environment	2022	Lecture Notes in Electrical Engineering	783			10.1007/978-981-16-3690-5_82	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119852720&doi=10.1007%2f978-981-16-3690-5_82&partnerID=40&md5=b0b833798c4b7d3afa394bcfcc633276	Conference Paper
Natarajan, A., Kannan, A., Belagali, V., Pai, V.N., Shettar, R., Ghuli, P.	57225444162;57351812300;57218686900;57351812400;26422599700;56125487700;	Spam Detection Over Call Transcript Using Deep Learning	2022	Lecture Notes in Networks and Systems	359 LNNS		2	10.1007/978-3-030-89880-9_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119846613&doi=10.1007%2f978-3-030-89880-9_10&partnerID=40&md5=6c0e1ffa69d6be9ca4dfee881d0df27f	Conference Paper

Murthy, M.A.N., Sangwan, K.S., Narahari, N.S.	57349503600;67013554395643656 9500;	Tracing evolution of EFQM and its relationship with Industry 4.0	2022	Total Quality Management and Business Excellence	33	15-16	16	10.1080/14783363.2021.1999802	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119582509&doi=10.1080%2f14783363.2021.1999802&partnerID=40&md5=bb22d0bea86a375f9ca686039f1d0414	Article
Sakya, A., Verma, A.A., Haripriya, K., Dhanush, S.	57265038200;57264293800;57265417900;57214498702;	Development of Virtual Lab to Solve Problems in Structural Dynamics	2022	Lecture Notes in Civil Engineering	171		1	10.1007/978-3-030-80312-4_48	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115262900&doi=10.1007%2f978-3-030-80312-4_48&partnerID=40&md5=bb91943ca4ed2d2471c8d395e11bb365	Conference Paper
Bhat, P.S.V., Renukadevi, M.V., Jagadish, K.S.	57616869500;57202150127;67014577776;	Stresses in Masonry Cylindrical Shells Using Realistic Boundary Conditions	2022	Lecture Notes in Civil Engineering	162		1	10.1007/978-981-16-2826-9_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115246147&doi=10.1007%2f978-981-16-2826-9_30&partnerID=40&md5=51c5c3572736659d3c1bb0180ad603c1	Conference Paper

Abhishek, R., Sachin, K.C., Shashikumara, S.R.	57264487000;57260905700;37047779400;	Factors Influencing Productivity of Construction Labour—A Survey	2022	Lecture Notes in Civil Engineering	162			10.1007/978-981-16-2826-9_48	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115232998&doi=10.1007%2f978-981-16-2826-9_48&partnerID=40&md5=5300f8d328e736baf84ed8c27df79831	Conference Paper
Nagakumar, M.S., Ajay, N., John, S.E.	57211625333;57200145258;57265053100;	An Analytical Approach to Analysis of Concrete Overlay (White Topping) Over Flexible Pavement (Hot Mix Asphalt) Using ANSYS Software	2022	Lecture Notes in Civil Engineering	162			10.1007/978-981-16-2826-9_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115232600&doi=10.1007%2f978-981-16-2826-9_24&partnerID=40&md5=e3a179c132680a5d996d073a80a9cf98	Conference Paper
Rekha, B., Ravindra, R.	57223264686;57211334046;	Comparative Analysis of Precast Prestressed Hollow Core Slabs	2022	Lecture Notes in Civil Engineering	162			10.1007/978-981-16-2826-9_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115216095&doi=10.1007%2f978-981-16-2826-9_43&partnerID=40&md5=32fc6b61bcb8230e5f0fa3e156a853d9	Conference Paper

Khangwal, I., Skariyachan, S., Uttarkar, A., Muddebihalkar, A.G., Niranjan, V., Shukla, P.	57202688665;36996175300;57216224183;57211643490;6603234656;7202961636;	Understanding the Xylooligosaccharides Utilization Mechanism of Lactobacillus brevis and Bifidobacterium adolescentis: Proteins Involved and Their Conformational Stabilities for Effectual Binding	2022	Molecular Biotechnology	64	1	6	10.1007/s12033-021-00392-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115154059&doi=10.1007%2fs12033-021-00392-x&partnerID=40&md5=83102f861e785b77c07abd3de2c4c778	Article
Deb, D., M.k, R., Jose, J.	57211519519;57226638006;54882122100;	FlitZip: Effective Packet Compression for NoC in MultiProcessor System-on-Chip	2022	IEEE Transactions on Parallel and Distributed Systems	33	1	5	10.1109/TPDS.2021.3090315	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112213498&doi=10.1109%2fTPDS.2021.3090315&partnerID=40&md5=6f5e38b65d63b09d7f9234bbecf38a2a	Article
Bharathi, R., Satish Kumar, T., Mahesh, G., Bhagya, R.	57213615527;57412571800;57210729672;57200210743;	Development of Diameter Call Simulations Using IPSL Tool for IMS-LTE	2022	Lecture Notes on Data Engineering and Communications Technologies	68			10.1007/978-981-16-1866-6_46	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112004909&doi=10.1007%2f978-981-16-1866-6_46&partnerID=40&md5=bf75b334e3b6baa0d4313ae9710d8d37	Book Chapter

Sagar, B.M., Cauvery, N.K., Abbi, P., Vismita, N., Pranava, B., Bhat, P.A.	57193071793;35291528300;57226563083;57226564086;57226568392;57216630797;	Analysis and Prediction of Cotton Yield with Fertilizer Recommendation Using Gradient Boost Algorithm	2022	Lecture Notes in Networks and Systems	191		2	10.1007/978-981-16-0739-4_105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112002804&doi=10.1007%2f978-981-16-0739-4_105&partnerID=40&md5=111a68daf908cf657bc3f673f15ee9cb	Book Chapter
Ashwini, K.B., GopalKrishna, H.D., Akhil, S., Pattanshetti, A.D.	57211493933;57225929452;57225982981;57225974725;	Immersive Learning About IC-Engine Using Augmented Reality	2022	EAI/Springer Innovations in Communication and Computing			2	10.1007/978-3-030-66607-1_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109897887&doi=10.1007%2f978-3-030-66607-1_2&partnerID=40&md5=a292d0159bf9c9a303f26cd957ee5d7e	Book Chapter
Praveen Kumar, Y.G., Kariyappa, B.S., Shashank, S.M., Bharath, C.N.	57200167660;35102416500;57200993215;43661113000;	Performance Analysis of Multipliers Using Modified Gate Diffused Input Technology	2022	IETE Journal of Research	68	5	6	10.1080/03772063.2020.1782778	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087495366&doi=10.1080%2f03772063.2020.1782778&partnerID=40&md5=d1b8c010bede5564e2b95dff88605067	Article

Binnal, P., Rajashekhara, S., Patil, J.	54882288500;57194594021;55094514000;	Optimization of parameters affecting dealcoholization of anthocyanin extract from red cabbage by liquid emulsion membrane using response surface methodology	2021	Journal of Applied Research and Technology	19	6		10.22201/icat.24486736e.2021.19.6.1135	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124233422&doi=10.22201%2ficat.24486736e.2021.19.6.1135&partnerID=40&md5=6de0fe3a735ad11dc44e7d774f336d84	Article
Sarkar, S., UmaRao, K., Prema, V., Anirudh Sharma, C.A., Bhargav, J., Sheshaprasad, S.	57216704258;58104473400;56096780000;57202988694;57202434401;57216702864;	User interactive GUI for integrated design of PV systems	2021	Intelligent Renewable Energy Systems: Integrating Artificial Intelligence Techniques and Optimization Algorithms				10.1002/9781119786306.ch9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148124811&doi=10.1002%2f9781119786306.ch9&partnerID=40&md5=3cb5c1f65a5f84021cd3a129536226c3	Book Chapter
Byatarayappa, G., M G, R., Bhatta, U.M., Ingale, D.V., Venkatesh, K., N, N., Nagaraju, K.	57222246584;57412314600;14619001000;56318182500;56501605800;7003299303;56737108200;	A correlation of surface/textural properties of carbon derived from Musa acuminata stem and its high supercapacitance performance with superior cycle stability	2021	Journal of Energy Storage	44		7	10.1016/j.est.2021.103424	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122789904&doi=10.1016%2fj.est.2021.103424&partnerID=40&md5=1132d08af6f6809a64041d923e4be164	Article

Yashas, V., Aman, B., Dhanush, S.	58084607800;58084631300;57214498702;	Feasibility study of floating solar panels over lakes in Bengaluru City, India	2021	Proceedings of the Institution of Civil Engineers: Smart Infrastructure and Construction	174	1	3	10.1680/jsmic.21.00002a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147130181&doi=10.1680%2fjsmic.21.00002a&partnerID=40&md5=f5a9e96110001e21c6fc10bd62532285	Article
Niranjan, V., Rao, A., Janaki, B., Uttarkar, A., Setlur, A.S., Chandrashekar, K., Udayakumar, M.	6603234656;57468951700;57468335800;57216224183;57193269169;57408377500;6701506298;	Molecular Docking and Interaction Studies of Identified Abscisic Acid Receptors in Oryza sativa: An In-Silico Perspective on Comprehending Stress Tolerance Mechanisms	2021	Current Genomics	22	8	7	10.2174/1389202923666211222161006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125319601&doi=10.2174%2f1389202923666211222161006&partnerID=40&md5=158af187c9aa9beb272482612344a213	Article
Ghatikar, R.S., Nithin, M.	57232980500;57195358294;	Design of high speed 2-stage OTA for high capacitive load of 120 pF and 2.96 V	2021	Engineering Research Express	3	4		10.1088/2631-8695/ac3fbc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123706083&doi=10.1088%2f2631-8695%2fac3fbc&partnerID=40&md5=88e03e7be40ffd0e8dae17bddcc26fc9	Article

Tabassum, Z., Mudbidre, R.	57390564700;56020662300;	Treatment and Disposal Methods of Concentrate Stream of Seawater Reverse Osmosis - A Review	2021	Nature Environment and Pollution Technology	20	4	1	10.46488/NEPT.2021.v20i04.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121965099&doi=10.46488%2fNEPT.2021.v20i04.003&partnerID=40&md5=edbc8d4fd61ac8095b027fb6ba6ce70e	Review
Sharma, K., Melavanki, R., Yallur, B.C., Kusanur, R., Patil, N.R.	57201998937;23061607900;56033294500;650772790 4;35366935700;	Preparation and Optical Characterization of PMMA Thin Films of C1	2021	Macromolecular Symposia	400	1		10.1002/masy.202100150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121554826&doi=10.1002%2fmasy.202100150&partnerID=40&md5=e7db37896df6db0ed740bd9ebedcdde5	Article
Srividya, M.S., Anala, M.R., Tayal, C.	57216311750;55734811700;57371071400;	Deep learning techniques for physical abuse detection	2021	IAES International Journal of Artificial Intelligence	10	4	6	10.11591/IJAI.V10.I4.PP971-981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121029819&doi=10.11591%2fIJAI.V10.I4.PP971-981&partnerID=40&md5=8c5355e9ea225515abd1a662250dd06b	Article

Katiyar, R., Rani, K.R.U., Sindhu, T.S., Jain, H.D.S., Vidhyashree, V., Ashoka, S., Channegowda, M.	57192554975;36783798100;57365637600;57365637700;57366080700;52364988000;57220953146;	Design and development of electrochemical potentiostat circuit for the sensing of toxic cadmium and lead ions in soil	2021	Engineering Research Express	3	4	3	10.1088/2631-8695/ac3637	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120776821&doi=10.1088%2f2631-8695%2fac3637&partnerID=40&md5=ec30f43e63dd1b846b5615627e08dbb2	Article
Mishra, N., Pandya, S., Patel, C., Cholli, N., Modi, K., Shah, P., Chopade, M., Patel, S., Kotecha, K.	57223940422;57200178916;57217509866;57202086135;57217294580;57349862600;57357775600;57357647200;650667609 7;	Memcached: An experimental study of ddos attacks for the wellbeing of iot applications	2021	Sensors	21	23	3	10.3390/s21238071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120314769&doi=10.3390%2fs21238071&partnerID=40&md5=61e121c8c6f15422b5d96ce2eb4d4c73	Article
Skariyachan, S., Gopal, D., Deshpande, D., Joshi, A., Uttarkar, A., Niranjan, V.	36996175300;57211640570;57221153536;57356981200;57216224183;6603234656;	Carbon fullerene and nanotube are probable binders to multiple targets of SARS-CoV-2: Insights from computational modeling and molecular dynamic simulation studies	2021	Infection, Genetics and Evolution	96		22	10.1016/j.meegid.2021.105155	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120164380&doi=10.1016%2fj.meegid.2021.105155&partnerID=40&md5=1e8df8348e2a35dadbd25d48d5e0777c	Article

Ananth, G.S., Shylashree, N., Tunga, S., Latha, B.N.	57353235000;56045640200;57202198012;57235545400;	A novel design for hardware interface board with reduced resource utilization	2021	Indonesian Journal of Electrical Engineering and Computer Science	24	3	3	10.11591/ijeecs.v24.i3.pp1414-1420	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119930985&doi=10.11591%2fijeecs.v24.i3.pp1414-1420&partnerID=40&md5=7dd964f457625c7231e99745821e952f	Article
Kathigi, A., Kariputtaiah, K.H.	57213123509;57224475238;	Handwritten Character Recognition Using Unsupervised Feature Selection and Multi Support Vector Machine Classifier	2021	International Journal of Intelligent Engineering and Systems	14	6		10.22266/ijies2021.1231.27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119505092&doi=10.22266%2fijies2021.1231.27&partnerID=40&md5=f5b75591fce25d256d224830e8c4cfaa	Article
Kothai, A.C., Jayapal, R.	57216490666;57191804655;	Improved ga based power and cost management system in a grid-associated pv-wind system	2021	International Journal of Power Electronics and Drive Systems	12	4	5	10.11591/ijpeds.v12.i4.pp2531-2544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118924008&doi=10.11591%2fijpeds.v12.i4.pp2531-2544&partnerID=40&md5=b9fd2338b84b2a05703179cc6fb89764	Article

Ansari, N.I., Sivagnanapalani, P., Sureshkumar, V., Shivaraj, B.W., Panda, P.K.	57224198343;54882375300;57295215000;57195176001;35562839700;	Synthesis of lanthanum titanate (La2Ti2O7) for high temperature sensor applications	2021	Journal of Materials Science: Materials in Electronics	32	23	3	10.1007/s10854-021-07117-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117060081&doi=10.1007%2fs10854-021-07117-5&partnerID=40&md5=6ce80c27ca31d14dceb8f9e1b8e5dca6	Article
Kaur, G., Prakash, A., Rao, K.U.	58045197100;58088906100;55792251700;	A critical review of Microgrid adaptive protection techniques with distributed generation	2021	Renewable Energy Focus	39		12	10.1016/j.ref.2021.07.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114289422&doi=10.1016%2fj.ref.2021.07.005&partnerID=40&md5=6711b5779c0a5bbc44b01ac5c23e71b0	Review
Jayalatha, G., Suma, N.	27267628400;57226165928;	Effect of heat source on Rayleigh–Bénard convection in rotating viscoelastic liquids	2021	Heat Transfer	50	8	2	10.1002/htj.22248	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110717555&doi=10.1002%2fhtj.22248&partnerID=40&md5=c2f5639283b64a2cabe93279a3db2f26	Article

Premananda, B.S., Dhanush, T.N., Parashar, V.S., Bharadwaj, D.A.	37091407700;57205768117;57211608075;57435082400;	Design and Implementation of High Frequency and Low-Power Phase-locked Loop	2021	U.Porto Journal of Engineering	7	4	6	10.24840/2183-6493_007.004_0006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123847979&doi=10.24840%2f2183-6493_007.004_0006&partnerID=40&md5=ecf98f4d2a8689711e8241380d154fece	Review
Selvaraj, M., Assiri, M.A., Rokhum, S.L., Manjunatha, C., Appaturi, J.N., Murugesan, S., Bhaumik, A., Subrahmanyam, C.	7003615747;57195309416;57885288700;56919543200;36337597800;11939362800;7004266173;57197411118;	Solvent-free benzylic oxidation of aromatics over Cu(ii)-containing propylsalicylaldimine anchored on the surface of mesoporous silica catalysts	2021	Dalton Transactions	50	42	2	10.1039/d1dt01760h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118942863&doi=10.1039%2fd1dt01760h&partnerID=40&md5=0e03549d7b08cb0651ae80689b1026cc	Article
Ansari, S.A., Manjunatha, C., Parveen, N., Shivaraj, B.W., Hari Krishna, R.	58740968600;56919543200;56662871100;57195176001;55881270900;	Mechanistic insights into defect chemistry and tailored photoluminescence and photocatalytic properties of aliovalent cation substituted Zn0.94M0.06−xLixO (M: Fe3+, Al3+, Cr3+) nanoparticles	2021	Dalton Transactions	50	41	17	10.1039/d1dt01706c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118216253&doi=10.1039%2fd1dt01706c&partnerID=40&md5=23fa8d7c1cfdf53225563f6376873f87	Article

Radder, S.B., Melavanki, R., Hiremath, S.M., Kusanur, R., Khemalapure, S.S., Jeyaseelan, S.C.	57204569786;23061607900;57202151589;650772790 4;57202160068;35310450100;	Synthesis, spectroscopic (FT-IR, FT-Raman, NMR & UV-Vis), reactive (ELF, LOL, Fukui), drug likeness and molecular docking insights on novel 4-[3-(3-methoxy-phenyl)-3-oxo-propenyl]-benzonitrile by experimental and computational methods	2021	Heliyon	7	11	20	10.1016/j.heliyon.2021.e08429	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119602160&doi=10.1016%2fj.heliyon.2021.e08429&partnerID=40&md5=ac98032f41ca2627e6b3f24babcd380f	Article
Maloth, R.K.N., DSouza, G.C., Patra, S.M.	57328893200;57207999455;700704 5200;	Experimental heat transfer investigations of a double pipe U-tube heat exchanger equipped with twisted tape and cut twisted tape internals	2021	AIP Conference Proceedings	2387			10.1063/5.0068686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118868747&doi=10.1063%2f5.0068686&partnerID=40&md5=877804d4e9e616363af02c655cdcd086	Conference Paper
Romero, M.E., Long, C., La Rocco, D., Keerthi, A.M., Xu, D., Yu, J.	57224562257;57201702219;57224559850;57201980632;57240853100;58442829200;	Probing remdesivir nucleotide analogue insertion to SARS-CoV-2 RNA dependent RNA polymerase in viral replication	2021	Molecular Systems Design and Engineering	6	11	11	10.1039/d1me00088h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118752531&doi=10.1039%2fd1me00088h&partnerID=40&md5=b5e9efcddf0e6ac72c1548c64451c2a8	Article

Noronha, N.P., Munishamaih, K.	57226736475;57315990500;	Performance assessment of a balloon assisted micro airborne wind turbine system	2021	Energy Harvesting and Systems	8	2	2	10.1515/ehs-2021-0018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118223088&doi=10.1515%2fehs-2021-0018&partnerID=40&md5=5e7923c2a1adb2ce06a0dc6bd18d71cb	Article
Thotadara Shivalingappa, R., Narasimha Murthy, H.N.R., Purushothaman, P., Badiger, P., Savarn, S., Majumdar, U., Angadi, G.	57260551600;57260440300;57260328400;57260216800;57260986100;57260440400;57200842568;	Development of poly (vinylidene fluoride)/silver nanoparticle electrospun nanofibre mats for energy harvesting	2021	Polymers and Polymer Composites	29	9_suppl	5	10.1177/09673911211042005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115023926&doi=10.1177%2f09673911211042005&partnerID=40&md5=496e9b13b4b6a1af5f6c9228a0f95c10	Article
Shivakumara, J., Manjunatha, C., Hari Krishna, R., Ashoka, S., Chikkahanumantharayappa, Selvaraj, M., Sillanpää, M.	57196185424;56919543200;55881270900;52364988000;35486961500;7003615747;7101751659;	Enhancement of photoluminescence of Cd0.95Eu0.05SiO3 phosphor using Na+ and K+ as charge compensators	2021	Chemical Physics	551		4	10.1016/j.chemphys.2021.111319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114666069&doi=10.1016%2fj.chemphys.2021.111319&partnerID=40&md5=977fe04d5baae87dfac749ca25881e41	Article

Pramod, T., Sampathkumaran, P., Puneeth, N., Sailaja, R.R.N., Seetharamu, S., Swamy, A.S., Kishore	57189761387;6603025212;57207617928;6603317043;6603809161;57210853409;55296317500;	Tribological response of polycarbonate and acrylonitrile butadiene styrene blends containing fixed amounts of Kevlar fibre and molybdenum disulphide with varying quantities of betel nut powder	2021	Polymers and Polymer Composites	29	9	1	10.1177/0967391121998823	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102070737&doi=10.1177%2f0967391121998823&partnerID=40&md5=c6a11b2e4a8c5d4955aa893059c9c88d	Article
Thinakallu Ramakrishna Reddy, M.K., Srihari, P.V., Sahas, Krupashankara, M.S.	57219728827;57190045635;57219728771;650717280 3;	Experimental studies of W-Al2O3 composite thin films for solar absorptance	2021	Indian Journal of Physics	95	11		10.1007/s12648-020-01911-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094980550&doi=10.1007%2fs12648-020-01911-3&partnerID=40&md5=562e8560c8df139df6cc214e03532fb1	Article
Nagraj, A., Kuber, R., Hamidi, F., Sg Prasad, R.	57343870700;22834722400;57201480076;57343870800;	Investigating the Navigational Habits of People who are Blind in India	2021	ASSETS 2021 - 23rd International ACM SIGACCESS Conference on Computers and Accessibili			5	10.1145/3441852.3471203	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119280336&doi=10.1145%2f3441852.3471203&partnerID=40&md5=a05bcd46a0abc57195cfc3c430044	Conference Paper

Patil, P.G., Melavanki, R., Radder, S.B., Kusanur, R., Hiremath, C.S., Patil, N.R., Hiremath, S.M.	57214367810;23061607900;57204569786;650772790 4;22134803200;35366935700;57202151589;	Synthesis, Structural Characterizations, and Quantum Chemical Investigations on 1-(3-Methoxy-phenyl)-3-naphthalen-1-yl-propenone	2021	ACS Omega	6	40	14	10.1021/acsomega.1c02688	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117500977&doi=10.1021%2facsomega.1c02688&partnerID=40&md5=a8dfa3704bb49f1bd3deb6c5d2c59abc	Article
Ravish, R., Rangaswamy, S., Char, K.	57205446399;35293507700;57347848900;	Intelligent Traffic Violation Detection	2021	2021 2nd Global Conference for Advancement in Technology, GCAT 2021			2	10.1109/GCAT52182.2021.9587520	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119525156&doi=10.1109%2fGCAT52182.2021.9587520&partnerID=40&md5=0f1890817607373aafbcefa68b04bf17	Conference Paper
Meghana, V., Anisha, B.S., Ramakanth Kumar, P.	57892899700;57219486072;650696 2203;	IOT based Smart Traffic Signal Violation Monitoring System using Edge Computing	2021	2021 2nd Global Conference for Advancement in Technology, GCAT 2021			3	10.1109/GCAT52182.2021.9587585	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119518681&doi=10.1109%2fGCAT52182.2021.9587585&partnerID=40&md5=e068462c27d8a779fca71420f048ed6f	Conference Paper

Rawat, R., Pratheesh, Shedbalkar, K., Moharir, M., Deepamala, N., Ramakanth Kumar, P., Tanmayananda, M.G.P.	57222873133;57347526300;57347526400;54419033000;37070296400;6506962203;57347683800;	Analysis and Detection of Malicious Activity on DoH Traffic	2021	2021 2nd Global Conference for Advancement in Technology, GCAT 2021			4	10.1109/GCAT52182.2021.9587555	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119499464&doi=10.1109%2fGCAT52182.2021.9587555&partnerID=40&md5=794cae8aa1a1fe0a7c5590c7b3dc522e	Conference Paper
Shanthi, P., Shantanu, B.S., Srivaths, S., Sudarshan, B.	57191618620;57348460600;57348150900;57191910905;	Design of circularly polarized Square Patch Antenna Array on different substrates	2021	2021 2nd Global Conference for Advancement in Technology, GCAT 2021				10.1109/GCAT52182.2021.9587573	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119497914&doi=10.1109%2fGCAT52182.2021.9587573&partnerID=40&md5=4fa8caa8d3443caf810eaf8924df5f6d	Conference Paper
K H, G.	57409964900;	Advances in surface passivation of perovskites using organic halide salts for efficient and stable solar cells	2021	Surfaces and Interfaces	26		14	10.1016/j.surfin.2021.101420	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119080833&doi=10.1016%2fj.surfin.2021.101420&partnerID=40&md5=9d4ac609351fada4c28a5c7eadfd207e	Review

Vishnumurthy, K.A., Girish, K.H.	56320807800;57221287205;	A comprehensive review of battery technology for E-mobility	2021	Journal of the Indian Chemical Society	98	10	11	10.1016/j.jics.2021.100173	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118724975&doi=10.1016%2fj.jics.2021.100173&partnerID=40&md5=10a538225842f326cb63ff85d51fa02b	Review
Akshita, L., Singhal, H., Dwivedi, I., Ghuli, P.	57287416300;57222088208;57288142200;56125487700;	Diabetic retinopathy classification using deep convolutional neural network	2021	Indonesian Journal of Electrical Engineering and Computer Science	24	1	1	10.11591/ijeecs.v24.i1.pp208-216	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116544623&doi=10.11591%2fijeecs.v24.i1.pp208-216&partnerID=40&md5=5c220ad9f789f39b09931e6baad73f0a	Article
Chethana, G., Padmaja, K.V.	58636393500;36055815400;	A novel secure biomedical data aggregation using fully homomorphic encryption in WSN	2021	Indonesian Journal of Electrical Engineering and Computer Science	24	1		10.11591/ijeecs.v24.i1.pp428-443	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116543672&doi=10.11591%2fijeecs.v24.i1.pp428-443&partnerID=40&md5=fd12f5a3881bcac0a7a79a647821163f	Article

Binu, D., Kariyappa, B.S.	57197290064;35102416500;	Rider-deep-lstm network for hybrid distance score-based fault prediction in analog circuits	2021	IEEE Transactions on Industrial Electronics	68	10	43	10.1109/TIE.2020.3028796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112710176&doi=10.1109%2fTIE.2020.3028796&partnerID=40&md5=dfa6aabfe23eb834c2881ebe6461c297	Article
Anand Swamy, A.S., Shylashree, N.	57295576300;56045640200;	HDR Image Compression by Multi-Scale down Sampling of Intensity Levels	2021	International Journal of Image and Graphics	21	4	1	10.1142/S0219467821500480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102758530&doi=10.1142%2fS0219467821500480&partnerID=40&md5=978cbf31beef92d57b806223f1cfc3b5	Article
Kiran, S., Patil, U., Shankar, P.S., Ghuli, P.	57190864069;57291994500;57536224800;56125487700;	Subtitle Generation and Video Scene Indexing using Recurrent Neural Networks	2021	Proceedings of the 3rd International Conference on Inventive Research in Computing Applicatio			1	10.1109/ICIRCA51532.2021.9544837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116920238&doi=10.1109%2fICIRCA51532.2021.9544837&partnerID=40&md5=a27bba13e1b1cab929644cfab7945e45	Conference Paper

Hreya, G.P., Pradhyumna, P., Mohana	57292897000;57288536100;57113679700;	Internetworking Gateway between WebRTC to SIP to Integrate Real-Time Audio Video Communication	2021	Proceedings of the 3rd International Conference on Inventive Research in Computing Application			3	10.1109/ICIRCA51532.2021.9544559	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116891467&doi=10.1109%2fICIRCA51532.2021.9544559&partnerID=40&md5=441472483a13f9cdbdaea32643b471a6	Conference Paper
Raj, S., Channegowda, M.	57350591300;57220953146;	Biomimicry: Recent updates on nanotechnology innovations inspired by nature creations	2021	Current Nanoscience	17	5	2	10.2174/1573413716999201127111149	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119685527&doi=10.2174%2f1573413716999201127111149&partnerID=40&md5=57cde1e4acc2e198b91dbb5f921cae7f	Article
Sridevi, K., Siva Kota Reddy, P., Nagaraja, K.M.	58021621700;24482464700;24481533800;	Relative study on means in linear path and two positive arguments in a curved path	2021	Italian Journal of Pure and Applied Mathematics		46			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117021610&partnerID=40&md5=ee8adc58c6472eb6193bd138ae8228d3	Article

Thiruvalluvar, A.A., Sridharan, M., Rajendra Prasad, K.J., Zeller, M.	12778691900;16319653100;7003979877;8518298000;	Synthesis and crystal structure of 1-hydroxy-8-methyl-9 H-carbazole-2-carbaldehyde	2021	Acta Crystallographica Section E: Crystallographic Communications	77		1	10.1107/S2056989021007210	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114700188&doi=10.1107%2fS2056989021007210&partnerID=40&md5=30e78969b2198d783aac1efa361a0153	Article
Surendra, B.V., Ravindra, R.	57218567581;57211334046;	A Study of Affordable Roofing System Using Ferrocement And Bamboo Cement Panels	2021	Journal of The Institution of Engineers (India): Series A	102	3	4	10.1007/s40030-021-00533-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106329587&doi=10.1007%2fs40030-021-00533-0&partnerID=40&md5=75f5e341c7f84efae9f38e2006e4fb38	Article
Bharatish, A., Rajkumar, G.R., Gurav, P., Satheesh Babu, G., Narasimha Murthy, H.N., Roy, M.	55745948600;58537720600;57223329306;36672052300;6507666550;56213483800;	Optimization of laser texture geometry and resulting functionality of nickel aluminium bronze for landing gear applications	2021	International Journal of Lightweight Materials and Manufacture	4	3	8	10.1016/j.ijlmm.2021.04.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105595831&doi=10.1016%2fj.ijlmm.2021.04.004&partnerID=40&md5=81e956923326535c03fdfe427500dba7	Article

Shekhar, C.A., Sharvani, G.S.	57223239489;35293488200;	MTLBP: A Novel Framework to Assess Multi-Tenant Load Balance in Cloud Computing for Cost-Effective Resource Allocation	2021	Wireless Personal Communications	120	2	9	10.1007/s11277-021-08541-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105285624&doi=10.1007%2fs11277-021-08541-w&partnerID=40&md5=4bf3c983b5c302f0e6478d266c23524b	Article
Gupta, P.K., Saxena, A.	56608493300;57223198786;	HIV/AIDS: Current Updates on the Disease, Treatment and Prevention	2021	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	91	3	6	10.1007/s40011-021-01237-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105137186&doi=10.1007%2fs40011-021-01237-y&partnerID=40&md5=570742c5a4b778ff1a229227bb800fe2	Review
Hadimani, P., Narasimha Murthy, H.N., Mudbidre, R.	56239626800;6507666550;56020662300;	Thermal and mechanical properties of glass fibre reinforced polyphenylene ether/polystyrene/nylon-6 ternary blends	2021	Polymers and Polymer Composites	29	7	7	10.1177/0967391120949490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089570612&doi=10.1177%2f0967391120949490&partnerID=40&md5=a466fc3af4bff52a61215d482a9e8e27	Review

Kumaraswamy, H.V., Pruthu, R., Jain, N.C.M., Teja, V.S., Yathisha, T.S.	24534870500;57331014600;57331137800;57331631800;57330762800;	LDP VIDEO TARGET SIMULATOR for Testing Mission Software in Combat Aircrafts	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology				10.1109/RTEICT52294.2021.9573853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118956496&doi=10.1109%2fRTEICT52294.2021.9573853&partnerID=40&md5=82293b67ccba5357d01a7fdbdf07199c	Conference Paper
Rai, K., Sahana, B., Pai, A.N., Gautham, S., Dhanush, U.	57330770200;57211220487;57331022100;57579506400;57331146200;	Vertical Scaling of Virtual Machines in Cloud Environment	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology			2	10.1109/RTEICT52294.2021.9573715	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118955128&doi=10.1109%2fRTEICT52294.2021.9573715&partnerID=40&md5=fe7866d2779fc92e7f8ca29b5af52823	Conference Paper
Shreyas, E., Sheth, M.H., Mohana	57330767700;57330896400;57113679700;	3D Object Detection and Tracking Methods using Deep Learning for Computer Vision Applications	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology			17	10.1109/RTEICT52294.2021.9573964	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118941861&doi=10.1109%2fRTEICT52294.2021.9573964&partnerID=40&md5=4269f04708760c9d8fc149cdd27f2f26	Conference Paper

Prasanna, S.R., Premananda, B.S.	57236000000;37091407700;	Performance Analysis of MD5 and SHA-256 Algorithms to Maintain Data Integrity	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and			6	10.1109/RTEICT52294.2021.9573660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118937642&doi=10.1109%2fRTEICT52294.2021.9573660&partnerID=40&md5=3e74062e5855b0ec0d8355b060c3494c	Conference Paper
Nagesh, B., Chandra, B.S.N.	57331033500;57331033600;	Designof Efficient Scan Flip-Flop	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and			3	10.1109/RTEICT52294.2021.9573924	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118932384&doi=10.1109%2fRTEICT52294.2021.9573924&partnerID=40&md5=ce8a1795a498245549265c950c13ae87	Conference Paper
Paramesh, N., Lagalur, A.E., Shanthi, P.	57331377300;57330898200;57191618620;	Linearity Enhancement of Class-AB, S-Band HEMT PA Using Balanced Configuration	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and				10.1109/RTEICT52294.2021.9573959	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118928258&doi=10.1109%2fRTEICT52294.2021.9573959&partnerID=40&md5=257c6ad66a7550a893e3188fc03339d5	Conference Paper

Dhamoji, A.S., Neethu, S.	57331522200;57201861956;	Design and Simulation of Cognitive Radio Networks with Selective Reporting SU Cluster	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology				10.1109/RTEICT52294.2021.9573840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118928140&doi=10.1109%2fRTEICT52294.2021.9573840&partnerID=40&md5=d3b55580a248f6b88864b649725f33ea	Conference Paper
Paramesh, N., Yashodha, B.H., Samminga, R.K., Shambulinga, M.	57331377300;57331498100;55371017100;57189238537;	Printed Reflect Array Design for SAR Applications	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology			1	10.1109/RTEICT52294.2021.9573653	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118927084&doi=10.1109%2fRTEICT52294.2021.9573653&partnerID=40&md5=68c97d9466806e623d96bd6ba0700467	Conference Paper
Jenni, V.R., Dua, A., Shobha, G., Shetty, J., Dev, R.	57304737100;57215293580;14829661100;55994536900;57216314604;	Hybrid Density-based Adaptive Clustering using Gaussian Kernel and Grid Search	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology			1	10.1109/RTEICT52294.2021.9573728	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118926466&doi=10.1109%2fRTEICT52294.2021.9573728&partnerID=40&md5=69fdbdb845bb510d8094dd382f5f9cfc	Conference Paper

Rohith, M., Sunil, A., Mohana	57213389877;57331380300;57113679700;	Comparative Analysis of Edge Computing and Edge Devices: Key Technology in IoT and Computer Vision Applications	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology			22	10.1109/RTEICT52294.2021.9573996	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118925277&doi=10.1109%2fRTEICT52294.2021.9573996&partnerID=40&md5=bc354c19da02ec678d8090c2a484d1fb	Conference Paper
Lekhashree, S.N., Sreelakshmi, K.	57223924522;57297644300;	Configuring and Verifying Bi-directional Forwarding Detection Functionality in WCDMA Base Transceiver Station	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology				10.1109/RTEICT52294.2021.9573708	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118918743&doi=10.1109%2fRTEICT52294.2021.9573708&partnerID=40&md5=1064d759d9d28922363c43933991d145	Conference Paper
Pruthwi, K., Shambulinga, M., Ullas, P., Dora, R.K.	57331273400;57189238537;57331645100;57216784296;	Design and Simulation of X-Band Transmitter Chain for Radar Application	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology				10.1109/RTEICT52294.2021.9573669	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118918233&doi=10.1109%2fRTEICT52294.2021.9573669&partnerID=40&md5=0c656af5bf7738f9774306a47e17a232	Conference Paper

Govinda, M.R., Aradhya, H.V.R.	57331639800;55616592800;	Comparison of Power Dissipation for CMOS and FinFET Dependent 6T SRAM at 18 nm Technology	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology			1	10.1109/RTEICT52294.2021.9573749	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118916259&doi=10.1109%2fRTEICT52294.2021.9573749&partnerID=40&md5=0f35ff95dd39f3805ac2e10bc18d7cfd	Conference Paper
Rajesh, V., Naik, U.P., Mohana	57331123800;57330747700;57113679700;	Quantum Convolutional Neural Networks (QCNN) Using Deep Learning for Computer Vision Applications	2021	2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology			32	10.1109/RTEICT52294.2021.9574030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118916101&doi=10.1109%2fRTEICT52294.2021.9574030&partnerID=40&md5=2dd9e54824f8272b48f7887f4a167790	Conference Paper
Rohith, M., Sreelakshmi, K.	57213389877;57297644300;	Design and Integration of Gateway Electronic Control Unit (ECU) for Automotive Electronics Applications	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021			1	10.1109/ASIANCON51346.2021.9545049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117619612&doi=10.1109%2fASIANCON51346.2021.9545049&partnerID=40&md5=ad7ef8d34dd1e640884cdf48ee64b0e8	Conference Paper

Roopa, J., Srivatsava, S.C., Kaushik, B.U.	57113594600;57303621200;57304532000;	Design and Development of Virtual Primetime Tool to Optimize Load Sharing Facility Resources	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021				10.1109/ASIANCON51346.2021.9544095	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117618285&doi=10.1109%2fASIANCON51346.2021.9544095&partnerID=40&md5=bb3cba9cf64355ca9d51b39b05370eb8	Conference Paper
Hegde, S.G., Ranjani, G.	57303951300;57189234085;	Package Management System in Linux	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021				10.1109/ASIANCON51346.2021.9544805	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117610860&doi=10.1109%2fASIANCON51346.2021.9544805&partnerID=40&md5=61fc771dd3c464db58d3ea351eb80552	Conference Paper
Viji, R.A., Chavan, A.P., Chaurasia, P., Preetham, R., Ravish Aradhya, H.V.	57217930959;56405270200;57304084900;57304238500;55616592800;	Design and Implementation of Automated Industrial Robots in Cylinder Liner Production Lines	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021			1	10.1109/ASIANCON51346.2021.9545017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117601508&doi=10.1109%2fASIANCON51346.2021.9545017&partnerID=40&md5=399ceb2a644b99ec35e989b16ec7aaa1	Conference Paper

Nishchal, J., Reddy, S., Navya Priya, N., Jenni, V.R., Hebbar, R., Babu, B.S.	57219484947;57218830371;57303846000;57304737100;56449382700;57304737200;	Pansharpening and Semantic Segmentation of Satellite Imagery	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021			2	10.1109/ASIANCON51346.2021.9544725	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117583949&doi=10.1109%2fASIANCON51346.2021.9544725&partnerID=40&md5=1d7aecc68018599c49613d992a667613	Conference Paper
Shanthi, P., Tatachar, S.	57191618620;57303687300;	Review on AUTOSAR MemStack	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021				10.1109/ASIANCON51346.2021.9544540	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117576160&doi=10.1109%2fASIANCON51346.2021.9544540&partnerID=40&md5=51d6e4aaa1bb25c88fded28c3769d94f	Conference Paper
Prasad, A., Shanthi, P.	57216555781;57191618620;	Automotive Electronic Control Unit Reprogramming Using Delta Method-A Review	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021			1	10.1109/ASIANCON51346.2021.9544595	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117565819&doi=10.1109%2fASIANCON51346.2021.9544595&partnerID=40&md5=a6ef9fd6e31b05926faa5a50d25af98b	Conference Paper

Srinithya, A., Kotagi, N.M., Vinay Kumar, G.M., Ashwin Thammaiah, K.	57260578700;57260797300;57260353800;57260684900;	Parametric Comparison of Retrofitting Methods in Masonry using Finite Element Analysis	2021	IOP Conference Series: Earth and Environmental Science	822	1		10.1088/1755-1315/822/1/012017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115036978&doi=10.1088%2f1755-1315%2f822%2f1%2f012017&partnerID=40&md5=9b48b35c0515079c2fb9ed5f3e6eeb	Conference Paper
Kumar, P., Lavendra, S., Raghavendra, T.	57263970200;57260137300;56394374000;	A Review on the Progressive Collapse Analysis of Reinforced Concrete Frame Structures	2021	IOP Conference Series: Earth and Environmental Science	822	1	2	10.1088/1755-1315/822/1/012003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115024386&doi=10.1088%2f1755-1315%2f822%2f1%2f012003&partnerID=40&md5=b1629da6c1c228dc570276228778	Conference Paper
Adithya, S.N., Sachin, K.C., Radhakrishna, Meda, U.S.	57260137700;57260905700;35771473600;23485804000;	Review on the correlation between mixing, microstructure and strength of cementitious products with nanoparticles	2021	IOP Conference Series: Earth and Environmental Science	822	1	90	10.1088/1755-1315/822/1/012005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115021659&doi=10.1088%2f1755-1315%2f822%2f1%2f012005&partnerID=40&md5=a2e0b7d7b185370ab11844839133	Conference Paper

Lavendra, S., Kumar, P., Raghavendra, T.	57260137300;57263970200;56394374000;	Progressive Collapse Behaviour Assessment of Steel Frame Structures - A Review	2021	IOP Conference Series: Earth and Environmental Science	822	1	5	10.1088/1755-1315/822/1/012004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114994574&doi=10.1088%2f1755-1315%2f822%2f1%2f012004&partnerID=40&md5=de658385c884936c14dc1502c9797503	Conference Paper
Naik, N.S., Padaki, M., Isloor, A.M., Nagaraja, K.K., Vishnumurthy, K.A.	57210230624;26644354500;66024447915;37361491700;56320807800;	Poly(ionic liquid)-Based charge and size selective loose nanofiltration membrane for molecular separation	2021	Chemical Engineering Journal	418		19	10.1016/j.cej.2021.129372	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102880912&doi=10.1016%2fj.cej.2021.129372&partnerID=40&md5=6ee303dbf903cb666ff6793c3d1fbf52	Article
Girish Kumar, R., Narasimha Murthy, H.N., Anand, B., Jabiulla, S.	57226705795;65076665550;57193022198;572267121444;	Parametric Study of Laser Welding on Polyamide using Design of Experiments	2021	Journal of Physics: Conference Series	1950	1		10.1088/1742-6596/1950/1/012042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112455221&doi=10.1088%2f1742-6596%2f1950%2f1%2f012042&partnerID=40&md5=5a8ad2462658eb1316dcf984d8262625	Conference Paper

Kumar, S., Yenamandra, P., Chan, R., Dai, J., Kiran Kumar, R., Palecha, N.	57220592762;57219280827;57219281445;57219278614;57289712700;55813823500;	Test Bench Optimization for Better Simulation Performance	2021	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication			1	10.1109/ICESC51422.2021.9532978	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116701956&doi=10.1109%2fICESC51422.2021.9532978&partnerID=40&md5=1c0bbf4be06fd38e165977961cc9e962	Conference Paper
Pradhyumna, P., Shreya, G.P., Mohana	57288536100;57214791254;57113679700;	Graph Neural Network (GNN) in Image and Video Understanding Using Deep Learning for Computer Vision Applications	2021	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication			58	10.1109/ICESC51422.2021.9532631	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116690815&doi=10.1109%2fICESC51422.2021.9532631&partnerID=40&md5=90179bb75d40cd0d30fa5b66f778d183	Conference Paper
Khatib, M., Rao, V., Hiremath, S., Thakur, H.	57289568500;57289739800;24472958900;57249401400;	Pre-Silicon Clock Validation for Server SoC	2021	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication			2	10.1109/ICESC51422.2021.9532600	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116608555&doi=10.1109%2fICESC51422.2021.9532600&partnerID=40&md5=b7d1515e6f638c5c7f0fe385ac9ba969	Conference Paper

Orhan, H., Mamatha, P.K., Swamy, S.R., Magesh, N., Yamini, J.	56265678000;57218625039;13405020400;15725476500;56940962600;	Certain classes of bi-univalent functions associated with the Horadam polynomials	2021	Acta Universitatis Sapientiae, Mathematica	13	1	2	10.2478/ausm-2021-0015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114398261&doi=10.2478%2fausm-2021-0015&partnerID=40&md5=952bc0218c031abbaef69454bd294a30	Article
Patil, N., Patil, P.N., Rao, P.V.	57211620212;55813647400;58334874300;	Convolution neural network and deep-belief network (DBN) based automatic detection and diagnosis of Glaucoma	2021	Multimedia Tools and Applications	80	19	12	10.1007/s11042-021-11087-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113110590&doi=10.1007%2fs11042-021-11087-5&partnerID=40&md5=8ee4fd3c35e00dcb820246556543b6ef	Article
Tunga, S., Chakrasali, S.V., Shylashree, N., Latha, B.N., Mamatha, A.S.	57202198012;55823012000;56045640200;57235545400;55005615000;	Optimal path discovery for two moving sinks with a common junction in a wireless sensor network	2021	Indonesian Journal of Electrical Engineering and Computer Science	23	2	1	10.11591/ijeecs.v23.i2.pp879-889	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112175884&doi=10.11591%2fijeecs.v23.i2.pp879-889&partnerID=40&md5=b3bd41fa98736b85c213a78a6d9adf73	Article

Suma, B., Shobha, G.	57210120857;14829661100;	Privacy preserving association rule hiding using border based approach	2021	Indonesian Journal of Electrical Engineering and Computer Science	23	2	3	10.11591/ijeecs.v23.i2.pp1137-1145	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112096573&doi=10.11591%2fijeecs.v23.i2.pp1137-1145&partnerID=40&md5=738f80875decca46efbab0a8a8d6da6f	Article
Sivagnanapalani, P., Ansari, N.I., Panda, P.K.	54882375300;57224198343;35562839700;	Calcium Bismuth Titanate with High Curie Temperature (Tc) for High-Temperature Sensor Applications	2021	Journal of Electronic Materials	50	8	1	10.1007/s11664-021-09029-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107215737&doi=10.1007%2fs11664-021-09029-w&partnerID=40&md5=4e0aedf05673c47c5f41dccc6018984f	Article
Srinivasa, N., Rangaswamy, P., Yogeeshwari, R.T., Manjunatha, C., Ashoka, S.	57210451462;57189441908;57211375841;56919543200;52364988000;	Mesoporous LiTiPO4F nanoparticles: A new stable and high performance bifunctional electrocatalyst for electrochemical water splitting	2021	Surfaces and Interfaces	25		4	10.1016/j.surfin.2021.101188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106613712&doi=10.1016%2fj.surfin.2021.101188&partnerID=40&md5=9e3c2826f677a62efc7a1564169c877b	Article

Natarajan, A., Babu, B.S., Gao, X.-Z.	57225444162;57304737200;55488358100;	Signature warping and greedy approach based offline signature verification	2021	International Journal of Information Technology (Singapore)	13	4	2	10.1007/s41870-021-00689-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105874777&doi=10.1007%2fs41870-021-00689-9&partnerID=40&md5=0ba17932a9a245fa9dc378c6af7971ca	Article
Manjunatha, C., Lakshmikant, S., Shreenivasa, L., Srinivasa, N., Ashoka, S., Shivraj, B.W., Selvaraj, M., Meda, U.S., Babu, G.S., Pollet, B.G.	56919543200;58374470500;57206725444;57210451462;52364988000;57195176001;7003615747;23485804000;57223310526;7003706028;	Development of non-stoichiometric hybrid Co3S4/Co0.85Se nanocomposites for an evaluation of synergistic effect on the OER performance	2021	Surfaces and Interfaces	25		112	10.1016/j.surfin.2021.101161	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105491475&doi=10.1016%2fj.surfin.2021.101161&partnerID=40&md5=62ca5dc7d306990e3719971ced860dd1	Article
Suma, B., Shobha, G.	57210120857;14829661100;	Association rule hiding using integer linear programming	2021	International Journal of Electrical and Computer Engineering	11	4		10.11591/ijece.v11i4.pp3451-3458	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104448526&doi=10.11591%2fijece.v11i4.pp3451-3458&partnerID=40&md5=057bdb3d6e3d3b8b0b085f98e5b109f7	Article

M, R., Agrawal, P., Rao, N.N., Sharma, A., Hiremath, L., K S, T., Shivandappa	57200842566;56388302300;55988649300;74049713119;57204661876;57222601919;57195527781;	Modelling and efficiency assessment of the up flow fixed bed process packed with Moringa oleifera for continuous Cd(II) removal from drinking water	2021	Journal of Molecular Structure	1236		6	10.1016/j.molstruc.2021.130328	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103372881&doi=10.1016%2fj.molstruc.2021.130328&partnerID=40&md5=29581f2d402313d60cb5ccac82a59b53	Article
Kulkarni, K.S., Ravish Aradhya, H.V.	57236844100;55616592800;	Dataset development of GPU block using Scan Dump for Silicon Debug	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021				10.1109/ICCES51350.2021.9489220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113817939&doi=10.1109%2fICCES51350.2021.9489220&partnerID=40&md5=5d75542f99d38c9ce49a8de1ef7a6213	Conference Paper
Hiremath, S., Vinayakgouda, Y.	24472958900;57235652100;	RTL to GDSII implementation of Advanced High-Performance Bus Lite	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			4	10.1109/ICCES51350.2021.9488947	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113805446&doi=10.1109%2fICCES51350.2021.9488947&partnerID=40&md5=6b10c234a42cb7fe1eb89ea52bbf52ca	Conference Paper

Ghale, S.B., Namita, P.	57235948600;55813823500;	Design and Implementation of Memory BIST for Hybrid Cache Architecture	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			4	10.1109/ICCES51350.2021.9489225	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113803457&doi=10.1109%2fICCES51350.2021.9489225&partnerID=40&md5=1f803837b601f9b5c6c74dea9ee72733	Conference Paper
Maladkar, K., Aradhya, H.V.R.	57216226913;55616592800;	Design and Implementation of Automatic Gain Control Unit for Dual-Mode Bluetooth	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			2	10.1109/ICCES51350.2021.9488926	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113798865&doi=10.1109%2fICCES51350.2021.9488926&partnerID=40&md5=6ca4d805211264a99759440c1f24b6cc	Conference Paper
Bency, M., Prasanna, S.R., Shreya, G.P., Premananda, B.S.	57235999900;57236000000;57214791254;37091407700;	PFD with Dead zone based Low Power Modified Phase Lock Loop using AVLS Technique	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			4	10.1109/ICCES51350.2021.9489216	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113786677&doi=10.1109%2fICCES51350.2021.9489216&partnerID=40&md5=6b3bde52c7f4f4d1deee06570f3c57fa	Conference Paper

Roopa, J., Bhat, S., Renjith, R.	57113594600;57235998800;57715434200;	Work-in-Progress: Development of a Stress Based End-to-End Flow Silicon Validation Framework for an Advanced Ethernet Controller	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021				10.1109/ICCES51350.2021.9488962	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113786341&doi=10.1109%2fICCES51350.2021.9488962&partnerID=40&md5=fce74a12a138ce6e32342e5f982fd20b	Conference Paper
Premananda, B.S., Skanda, C., Srivatsa, B.	37091407700;57211159907;57237398300;	Area and Energy Efficient QCA based Decoder	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			3	10.1109/ICCES51350.2021.9489011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113772190&doi=10.1109%2fICCES51350.2021.9489011&partnerID=40&md5=bbab4492c2dd7dd062147bf15296afd9	Conference Paper
Kanase, G., Nithin, M.	57219119758;57195358294;	ASIC Design of a 32-bit Low Power RISC-V based System Core for Medical Applications	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1	10.1109/ICCES51350.2021.9489067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113758209&doi=10.1109%2fICCES51350.2021.9489067&partnerID=40&md5=a3dceeca1791b8b5dadaabc728557e0d	Conference Paper

Hiremath, S., Vinayakgouda, Y.	24472958900;57235652100;	High Speed Level Shifter Design for Low Power Applications	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021				10.1109/ICCES51350.2021.9488975	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113758113&doi=10.1109%2fICCES51350.2021.9488975&partnerID=40&md5=0eaa74508a8321702c61ef9d6c6ffcdd	Conference Paper
Sankanatti, S., Praveen, S.	57237625700;57203424246;	Physical Implementation of Square-Root-Carry-Select-Adder	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021				10.1109/ICCES51350.2021.9489051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113754654&doi=10.1109%2fICCES51350.2021.9489051&partnerID=40&md5=57bf3e00c6b17daa24b44e21a579733d	Conference Paper
Sankanatti, S., Praveen, S.	57237625700;57203424246;	Design and synthesis of Karatsuba multiplier using Square root carry select adder (SRCSA)	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021				10.1109/ICCES51350.2021.9489005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113718092&doi=10.1109%2fICCES51350.2021.9489005&partnerID=40&md5=deaa264250893293bb962ed31d6a847b	Conference Paper

Meda, U.S., Amritanatan, L.A.R.M., Parappa, K.	23485804000;58040981100;57218860264;	Modeling of reaction kinetics in generation of hydrogen from wastewater by microbial electrolysis	2021	E3S Web of Conferences	287		89	10.1051/e3sconf/202128704010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130581055&doi=10.1051%2fe3sconf%2f202128704010&partnerID=40&md5=9c3b5a71d8ba9fd419f0e8d8581055e6	Conference Paper
Swamy, P.K., Mylaraiah, S., Gowdru Chandrashekarappa, M.P., Lakshmikanthan, A., Pimenov, D.Y., Giasin, K., Krishna, M.	57226320902;55523509900;57226312880;57211339135;53985024000;56790003100;8142901200;	Corrosion behaviour of high-strength Al 7005 alloy and its composites reinforced with industrial waste-based fly ash and glass fibre: Comparison of stir cast and extrusion conditions	2021	Materials	14	14	31	10.3390/ma14143929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111137533&doi=10.3390%2fma14143929&partnerID=40&md5=6659ad9d535f1132d49553d42859fa7f	Article
Keerthy, B.N., Sreepada, S.S.S., Naik, S.S., Bose, A., Hanumegowda, R., Mehta, U.M., Venkatasubramanian, G., Thirthalli, J., Sathyaprabha, T.N., Udupa, K.	57394274800;57515378700;57203247386;55845441300;57218861127;35754868000;57203267694;22954896800;55914835400;7005219536;	Effects of a single session of cathodal transcranial direct current stimulation primed intermittent theta-burst stimulation on heart rate variability and cortical excitability measures	2021	Indian Journal of Physiology and Pharmacology	65	3		10.25259/IJPP_339_2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122138931&doi=10.25259%2fIJPP_339_2020&partnerID=40&md5=79ad7d6b8b9885b255647a682863cafd	Article

Saikia, A., Palherkar, D., Hiremath, L.	57218872159;57262673500;57204661876;	In silico analysis and structural prediction of a hypothetical protein from Leishmania major	2021	Biomedical and Biotechnology Research Journal	5	3	4	10.4103/bbrj.bbrj_126_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115119979&doi=10.4103%2fbbrj.bbrj_126_21&partnerID=40&md5=45daefbaf0bbad5e785f518dfb04e1aa	Article
Rajasree, P.M., Jatti, A., Santosh, D.	35332763700;55580963900;55200639100;	An improved transfer learning approach towards breast cancer classification on deep residual network	2021	Indian Journal of Computer Science and Engineering	12	4	1	10.21817/indjcse/2021/v12i4/211204222	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113392588&doi=10.21817%2findjcse%2f2021%2fv12i4%2f211204222&partnerID=40&md5=d45033a01de0832c15906efdbd369159	Article
Rao, K.V., Kumar, Y.P., Singh, V.K., Raju, L.S., Ranganayakulu, J.	55971841000;57210395767;36065868700;57194941664;55210909300;	Vibration-based tool condition monitoring in milling of Ti-6Al-4V using an optimization model of GM(1,N) and SVM	2021	International Journal of Advanced Manufacturing Technology	115	5-6	17	10.1007/s00170-021-07280-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106245721&doi=10.1007%2fs00170-021-07280-3&partnerID=40&md5=f7ce22a2ba67ac33c12e2d390543a9f9	Article

Prasanna, A., Niranjan, V.	57189853975;6603234656;	MutVis: Automated framework for analysis and visualization of mutational signatures in pathogenic bacterial strains	2021	Infection, Genetics and Evolution	91		1	10.1016/j.meegid.2021.104805	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102351186&doi=10.1016%2fj.meegid.2021.104805&partnerID=40&md5=dd29e908d517bfb4932bd5dbb98e64aa	Article
Jayalatha, G., Muchikel, N.	27267628400;57221743737;	Modulated gravity effects on nonlinear convection in viscoelastic ferromagnetic fluids between two horizontal parallel plates	2021	Heat Transfer	50	5	2	10.1002/htj.22077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100053289&doi=10.1002%2fhtj.22077&partnerID=40&md5=7d1ac3f7c1b344bfceba1860034960df	Article
Shelar, A., Moharir, M.	57215545441;54419033000;	Predicting Outcomes of Court Judgments - A Machine Learning Approach	2021	2021 International Conference on Intelligent Technologies, CONIT 2021			1	10.1109/CONIT51480.2021.9498385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114894893&doi=10.1109%2fCONIT51480.2021.9498385&partnerID=40&md5=ec817617dae2c4655868b76aed2f8838	Conference Paper

Aradhya, S., Kumar, S., Rudraradhya, P., Thejaswini, S., Soumya, A.	57258307800;57258422600;57258089600;55342318700;36626317500;	Real Time Vehicle Tracking, Information Retrieval and Motion Analysis using Machine Learning	2021	2021 International Conference on Intelligent Technologies, CONIT 2021			1	10.1109/CONIT51480.2021.9498480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114864965&doi=10.1109%2fCONIT51480.2021.9498480&partnerID=40&md5=f446816d2d539c6ebe79a289e5bb15cf	Conference Paper
Vijayalakshmi, V., Geetha, K.S., Nagaraj, S.	57258540400;55813220500;35366727200;	Experimental Design and Analysis of Triboelectric Nanogenerator for energy harvesting applications	2021	2021 International Conference on Intelligent Technologies, CONIT 2021				10.1109/CONIT51480.2021.9498275	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114861001&doi=10.1109%2fCONIT51480.2021.9498275&partnerID=40&md5=4b3e4cd6fb1a18f0cc02e5428a1fda0a	Conference Paper
Gupta, P.K., Keerthi, A.M., Kallapur, S.S., Choudhary, S.	56608493300;57201980632;57218873113;56299536300;	Overview of Cellulose Types and Applications	2021	Comprehensive Glycoscience: Second Edition			1	10.1016/B978-0-12-819475-1.00019-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118163831&doi=10.1016%2fB978-0-12-819475-1.00019-5&partnerID=40&md5=4761da07acf495ba7068a259d9f6699f	Book Chapter

Swamy, S.R., Bulut, S., Sailaja, Y.	13405020400;25031240200;57225052103;	Some special families of holomorphic and sălăgean type bi-univalent functions associated with horadam polynomials involving a modified sigmoid activation function	2021	Hacettepe Journal of Mathematics and Statistics	50	3	14	10.15672/hujms.695858	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110652995&doi=10.15672%2fhujms.695858&partnerID=40&md5=59755c46c4001e64a3feca6881165098	Article
Sudeep, M., Manjunatha, C., Aan, M.P.S., Ashoka, S., Suresh, R., Ujwal, S.M.	57205645458;56919543200;36629289200;52364988000;57198152205;23485804000;	Development of Nano Copper Sulfide (CuS) Structures for Electrochemical Detection of Vitamin C	2021	Journal of Nanostructures	11	3	2	10.22052/JNS.2021.03.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124020256&doi=10.22052%2fJNS.2021.03.020&partnerID=40&md5=1f0a9dc69508be931ef6c6054a8f0d61	Article
Rajendran, S., Giridhar, S., Chaudhari, S., Gupta, P.K.	57210710290;57218873821;57215662374;56608493300;	Technological advancements in occupational health and safety	2021	Measurement: Sensors	15		15	10.1016/j.measen.2021.100045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114705286&doi=10.1016%2fj.measen.2021.100045&partnerID=40&md5=1bb6800e37b8eb2cdaa2c231d86c236a	Article

Baravani, S., Nanadihalli, R., Mulla, M.A.	57226151529;57226166262;57225986992;	Analysis of optimized multilevel matrix converter for DFIG based wind energy conversion system	2021	Indonesian Journal of Electrical Engineering and Informatics	9	2		10.52549/ijeei.v9i2.3005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110626960&doi=10.52549%2fijeei.v9i2.3005&partnerID=40&md5=9848b87acdca1b05f4ccc58116b223dc	Article
Jyothi, R., Holla, T., Uma Rao, K., Jayapal, R.	57218693242;57224634098;650754597 7;57191804655;	Machine learning based multi class fault diagnosis tool for voltage source inverter driven induction motor	2021	International Journal of Power Electronics and Drive Systems	12	2	9	10.11591/ijpeds.v12.i2.pp1205-1215	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108109310&doi=10.11591%2fijpeds.v12.i2.pp1205-1215&partnerID=40&md5=94cea731dea86550b33ae674f1408d75	Article
B. K, N., K, V., Tigga, A.K., Barad, S., S, A.K.	57222812607;57222812299;57222810603;650663116 3;57194684562;	Influence of post-processing techniques on residual stresses of SLM processed HPNGV	2021	Journal of Manufacturing Processes	66		22	10.1016/j.jmapro.2021.04.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104066365&doi=10.1016%2fj.jmapro.2021.04.020&partnerID=40&md5=54cebd849a9c2fa52ea4629691031e5a	Article

Frasin, B.A., Swamy, S.R., Nirmala, J.	9269603400;13405020400;57219482664;	Some special families of holomorphic and Al-Oboudi type bi-univalent functions related to k-Fibonacci numbers involving modified Sigmoid activation function	2021	Afrika Matematika	32	3-4	24	10.1007/s13370-020-00850-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093078790&doi=10.1007%2fs13370-020-00850-w&partnerID=40&md5=f7bab1948e284164e6ce1ffcd31c8869	Article
Komala, C.R., Shetty, S., Smitha, G.R.	58090830300;55561875100;57215537070;	Junction based angular routing in vehicular Ad Hoc Networks (VANET)	2021	2021 2nd International Conference for Emerging Technology, INCET 2021				10.1109/INCET51464.2021.9456225	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113295791&doi=10.1109%2fINCET51464.2021.9456225&partnerID=40&md5=e5f415a94e01dd4d4afafdf9a210d24a	Conference Paper
Gurunandan, M., Raghavendra, T.	57205063790;56394374000;	Novel NSM configuration for RC column strengthening-A numerical study	2021	Advances in Concrete Construction	11	5		10.12989/acc.2021.11.5.437	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107719759&doi=10.12989%2facc.2021.11.5.437&partnerID=40&md5=b980732211e0f05a44878e049ca7ebe6	Article

Gurunandan, M., Raghavendra, T.	57205063790;56394374000;	Novel NSM configuration for RC column strengthening-A numerical study	2021	Computers and Concrete	27	5	2	10.12989/cac.2021.27.5.437	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107577446&doi=10.12989%2fcac.2021.27.5.437&partnerID=40&md5=25d066b34b1840f90e2aa15cb09ae38b	Article
DSouza, G.C., Sheriff, R.S., Ullanat, V., Shrikrishna, A., Joshi, A.V., Hiremath, L., Entoori, K.	57207999455;57215651754;57221558667;57223590196;57223606969;57204661876;57223629466;	Fungal biodegradation of low-density polyethylene using consortium of Aspergillus species under controlled conditions	2021	Heliyon	7	5	42	10.1016/j.heliyon.2021.e07008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105963837&doi=10.1016%2fj.heliyon.2021.e07008&partnerID=40&md5=ebdc1bcffc6b5ebe5e52a53fd05e8b8d	Article
Vyas, U.B., Shah, V.A., Srivani, S.G.	57195516085;35957179400;26422586800;	Fault detection technique for modified cascaded half-bridge multi-level inverter with polarity changer in pv grid system	2021	SN Applied Sciences	3	5	7	10.1007/s42452-021-04586-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105075186&doi=10.1007%2fs42452-021-04586-5&partnerID=40&md5=7400282bf24757c3e08705a707549f08	Article

Girish, K.H., Sainnath, P.V., Rasoor, P.B.	57221287205;57223097629;57221961736;	Structure–property study of pristine and dehydrofluorinated poly(vinylidene fluoride) using density functional theory	2021	Monatshefte fur Chemie	152	5	4	10.1007/s00706-021-02766-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104804869&doi=10.1007%2fs00706-021-02766-y&partnerID=40&md5=b2db928cf891e77c9831bb0cb19abe09	Article
Skariyachan, S., Gopal, D., Muddebihalkar, A.G., Uttarkar, A., Niranjan, V.	36996175300;57211640570;57211643490;57216224183;6603234656;	Structural insights on the interaction potential of natural leads against major protein targets of SARS-CoV-2: Molecular modelling, docking and dynamic simulation studies	2021	Computers in Biology and Medicine	132		18	10.1016/j.compbiomed.2021.104325	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102975013&doi=10.1016%2fj.compbiomed.2021.104325&partnerID=40&md5=687d118ca12ec0df6bb78f48540ed528	Article
Ajay, K.M., Dinesh, M.N., Byatarayappa, G., Radhika, M.G., Kathyayini, N., Vijeth, H.	58906794900;56533621600;57222246584;57216897644;56737108200;57192437266;	Electrochemical investigations on low cost KOH activated carbon derived from orange-peel and polyaniline for hybrid supercapacitors	2021	Inorganic Chemistry Communications	127		30	10.1016/j.inoche.2021.108523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101970713&doi=10.1016%2fj.inoche.2021.108523&partnerID=40&md5=f24b2a397deb3a8a5d9233af22b7900c	Article

Pruthviraja, D., Anil, B.C., Sowmyarani, C.N.	56373894500;57211910162;55532106000;	Efficient local cloud-based solution for diabetic retinopathy detection	2021	International Journal of Web-Based Learning and Teaching Technologies	16	3	3	10.4018/IJWLTT.20210501.oa3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100921686&doi=10.4018%2fIJWLTT.20210501.oa3&partnerID=40&md5=1c802dd6bb0d74fc5e3f30b7da4cb540	Article
Vishnumurthy, K.A., Girish, K.H.	56320807800;57221287205;	Synthesis, photophysical, electrochemical and computational study of indolocarbazole based donor acceptor type conjugated polymers	2021	Chemical Papers	75	5	2	10.1007/s11696-020-01445-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098733524&doi=10.1007%2fs11696-020-01445-2&partnerID=40&md5=5791abc25812ae322e8496903f1b9758	Article
Bhargavi, K., Sathish Babu, B.	55179979600;57304737200;	Neutrosophic set theory and engineering applications: A study	2021	Decision-Making with Neutrosophic Set: Theory and Applications in Knowledge Management					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109751447&partnerID=40&md5=9329dc14d7a7155d37aefdcda343c120	Book Chapter

Kaur, G., Moulik, B., Rao, K.U.	58045197100;56022053300;55792251700;	Determining the optimum TMS and PS of overcurrent relays using the Firefly Algorithm for solving the relay coordination problem	2021	Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC			1	10.1109/ICCMC51019.2021.9418021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105981477&doi=10.1109%2fICCMC51019.2021.9418021&partnerID=40&md5=c2895f888ff21471e5aaaf81709669df	Conference Paper
Srinivasa, N., Hughes, J.P., Adarakatti, P.S., Manjunatha, C., Rowley-Neale, S.J., Ashoka, S., Banks, C.E.	57210451462;57208925108;57196247478;56919543200;56941893300;52364988000;7103312443;	Facile synthesis of Ni/NiO nanocomposites: The effect of Ni content in NiO upon the oxygen evolution reaction within alkaline media	2021	RSC Advances	11	24	36	10.1039/d0ra10597j	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105555391&doi=10.1039%2fd0ra10597j&partnerID=40&md5=54828d5f89fda0333e254c55a60d96de	Article
Revathi, S.A., Holi, G.	57564082700;56857615100;	Segmentation and analysis of knee femoral cartilage for osteoarthritis using MR Images	2021	IOP Conference Series: Earth and Environmental Science	704	1		10.1088/1755-1315/704/1/012047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104176390&doi=10.1088%2f1755-1315%2f704%2f1%2f012047&partnerID=40&md5=9285e85078165ebd0fc41f4fee8a2075	Conference Paper

Shushrutha, K.S., Sachin, B.M.	56556976900;57214664198;	Design of a Dual-Polarized Patch Antenna with RDRA	2021	2021 6th International Conference for Convergence in Technology, I2CT 2021				10.1109/I2CT51068.2021.9418119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106487614&doi=10.1109%2fI2CT51068.2021.9418119&partnerID=40&md5=ade77634f9502d73106830b08ef7ab61	Conference Paper
Shruthi, P., Cholli, N.G.	57215743819;57202086135;	Software aging prediction and rejuvenation in cloud computing environment-a new approach	2021	Indonesian Journal of Electrical Engineering and Computer Science	22	2	1	10.11591/ijeecs.v22.i2.pp1006-1012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142502477&doi=10.11591%2fijeecs.v22.i2.pp1006-1012&partnerID=40&md5=dd846906dd3f302f2ab33fcfb6af607b	Article
Ravish, R., Swamy, S.R.	57205446399;57223859543;	Intelligent Traffic Management: A Review of Challenges, Solutions, and Future Perspectives	2021	Transport and Telecommunication	22	2	14	10.2478/ttj-2021-0013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106318398&doi=10.2478%2fttj-2021-0013&partnerID=40&md5=f90155dc13af0e899110fc01314f9694	Article

Sowmyarani, C.N., Gadad, V., Dayananda, P.	55532106000;57204565648;56373894500;	(p+, α, t)-anonymity technique against privacy attacks	2021	International Journal of Information Security and Privacy	15	2	4	10.4018/IJISP.2021040104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104054469&doi=10.4018%2fIJISP.2021040104&partnerID=40&md5=fabac295766e34548c709fc927409f85	Article
Rohit, B., Muktinutalapati, N.R.	57194344077;57200381265;	Fatigue Behavior of 18% Ni Maraging Steels: A Review	2021	Journal of Materials Engineering and Performance	30	4	16	10.1007/s11665-021-05583-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102513300&doi=10.1007%2fs11665-021-05583-w&partnerID=40&md5=ddd76aec8a0117b5f668d62384fc533c	Review
Ravikumar, J., Ramakanth Kumar, P.	57214071224;650696220 3;	Machine learning model for clinical named entity recognition	2021	International Journal of Electrical and Computer Engineering	11	2	7	10.11591/ijece.v11i2.pp1689-1696	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097839050&doi=10.11591%2fijece.v11i2.pp1689-1696&partnerID=40&md5=efde7898eb23aef75eb5ec7d300bc29b	Article

Gadad, V., Sowmyarani, C.N., Ramakanth Kumar, P.	57204565648;55532106000;650696 2203;	An Effective Algorithm for Multiple Sensitive Attributes to Preserve Data Privacy	2021	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021			1	10.1109/ICACCS51430.2021.9442019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108027584&doi=10.1109%2fICACCS51430.2021.9442019&partnerID=40&md5=667b4a199119375cec59db66c38bbc73	Conference Paper
Bharathi, R., Ashwini, N., Bhagya, R., Bhagya, G., Pathan, R., Kandel, S.	57213615527;57213570448;57200210743;57208665210;57224581332;57224577621;	Crack detector automation for roads by deep learning	2021	Proceedings of the 2021 8th International Conference on Computing for Sustainable Global Development				10.1109/INDIACom51348.2021.00130	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108009015&doi=10.1109%2fINDIACom51348.2021.00130&partnerID=40&md5=a2251b2830e63d336624ed8d7a99d39f	Conference Paper
Farhan Ahmad, S., Rawat, R., Moharir, M.	57209916607;57222873133;54419033000;	Quantum Machine Learning with HQC Architectures using non-Classically Simulable Feature Maps	2021	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy			3	10.1109/ICCIKE51210.2021.9410753	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105386229&doi=10.1109%2fICCIKE51210.2021.9410753&partnerID=40&md5=6bbc3a40c4bbc2ce10ef4ed2696c54b9	Conference Paper

Ahmad, S.F., Hermayen, A., Bhavani, G.	57209916607;57222898379;57200323290;	Knowledge Discovery in Surveys using Machine Learning: A Case Study of Women in Entrepreneurship in UAE	2021	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy			4	10.1109/ICCIKE51210.2021.9410798	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105375695&doi=10.1109%2fICCIKE51210.2021.9410798&partnerID=40&md5=74ee7ca85e9c0d8f7e3968f0460055c1	Conference Paper
Binu, D., Kariyappa, B.S.	57197290064;35102416500;	Multi-Rider Optimization-Based Neural Network for Fault Isolation in Analog Circuits	2021	Journal of Circuits, Systems and Computers	30	3	1	10.1142/S0218126621500481	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095128110&doi=10.1142%2fS0218126621500481&partnerID=40&md5=0d1f1cadf969a5281cd909e76649af54	Article
Pantoji, G.S., Bhat, M.H., Gwalani, P.N., Bhulokam, A.M.	57226375245;57216638447;57226387022;57214797940;	Development of a Risk Management Plan for RVSAT-1, a Student-based CubeSat Program	2021	IEEE Aerospace Conference Proceedings	#####		2	10.1109/AERO50100.2021.9438156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111404254&doi=10.1109%2fAERO50100.2021.9438156&partnerID=40&md5=0ecc2c24fda380b2c5e740efea60e206	Conference Paper

Khadtare, S.S.	57226389555;	Study and Conceptual Design on Cryogenic-Nuclear Propulsion System for Interplanetary Leo Mission	2021	IEEE Aerospace Conference Proceedings	#####			10.1109/AERO50100.2021.9438436	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111397827&doi=10.1109%2fAERO50100.2021.9438436&partnerID=40&md5=e6f05a480db95efc4a7114f6d5bfe523	Conference Paper
Srinivasan, S., Rujula Singh, R., Biradar, R.R., Revathi, S.A.	57220925508;57223051601;57223048202;57564082700;	COVID-19 monitoring system using social distancing and face mask detection on surveillance video datasets	2021	2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021			38	10.1109/ESCI50559.2021.9396783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104614826&doi=10.1109%2fESCI50559.2021.9396783&partnerID=40&md5=c36de05f825581966deaccfd291f2b25	Conference Paper
Sowmya, K.B., Thanushree, M.	57211483117;58305992900;	Characterization and hierarchical static timing analysis of mixed-signal design	2021	International Journal of Reconfigurable and Embedded Systems	10	1		10.11591/ijres.v10.i1.pp18-24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116911519&doi=10.11591%2fijres.v10.i1.pp18-24&partnerID=40&md5=b7a3853005d74c4c26d6d585b4605ed5	Article

Sowmya, K.B., Thejaswini, A.	57211483117;57292497500;	Systematising troubleshooting of disputes in network	2021	International Journal of Reconfigurable and Embedded Systems	10	1		10.11591/ijres.v10.i1.pp32-36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116886009&doi=10.11591%2fijres.v10.i1.pp32-36&partnerID=40&md5=04aa9e2e6dcb457683277239dda45404	Article
Patagar, D., Uttarkar, A., Patra, S.M., Patil, J.H., Kusanur, R., Niranjan, V., Kumar, H.G.A.	57210727212;57216224183;700704520 0;55094514000;6507727904;6603234656;57220702261;	Spiro Benzodiazepine Substituted Fluorocoumarins as Potent Anti-Anxiety Agents	2021	Russian Journal of Bioorganic Chemistry	47	2	9	10.1134/S1068162021020199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104881324&doi=10.1134%2fS1068162021020199&partnerID=40&md5=7cf38acc13272a0862e6e5491951216f	Article
Ullanat, V., Balamurali, V., Rao, A.	57221558667;57215660648;57223113776;	A Novel Residual 3-D Convolutional Network for Alzheimer's disease diagnosis based on raw MRI scans	2021	Proceedings - 2020 IEEE EMBS Conference on Biomedical Engineering and Sciences, IECBES 2020			6	10.1109/IECBES48179.2021.9398800	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104826864&doi=10.1109%2fIECBES48179.2021.9398800&partnerID=40&md5=2eb04bd8356b7669e35db34c1d633b28	Conference Paper

Frasin, B.A., Swamy, S.R., Wanas, A.K.	9269603400;13405020400;55804029400;	Subclasses of Starlike and Convex Functions Associated with Pascal Distribution Series	2021	Kyungpook Mathematical Journal	61	1	9	10.5666/KMJ.2021.61.1.99	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103307868&doi=10.5666%2fKMJ.2021.61.1.99&partnerID=40&md5=adbe8713f23572ec53146031f26182e8	Article
Shenoy, N.R., Jatti, A.	57191247056;55580963900;	Ultrasound image segmentation through deep learning based improvised U-net	2021	Indonesian Journal of Electrical Engineering and Computer Science	21	3	12	10.11591/ijeecs.v21.i3.pp1424-1434	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102516692&doi=10.11591%2fijeecs.v21.i3.pp1424-1434&partnerID=40&md5=94b9f1336526ee916b67c06a4f3a8037	Article
Chandrashekar, L., Sreedevi, A.	57196259433;35173705900;	A Two-Stage Multi-Objective Enhancement for Fused Magnetic Resonance Image and Computed Tomography Brain Images	2021	Journal of Information Systems and Telecommunication	8	30	1	10.29252/jist.8.30.93	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102280254&doi=10.29252%2fjist.8.30.93&partnerID=40&md5=5adb11b1b40611ae45c7440b48d56369	Article

Manjunatha, C., Preran Rao, P., Bhardwaj, P., Raju, H., Ranganath, D.	56919543200;57222267723;58461539900;57222266933;57222267067;	New insight into the synthesis, morphological architectures and biomedical applications of elemental selenium nanostructures	2021	Biomedical Materials (Bristol)	16	2	14	10.1088/1748-605X/abc026	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102096997&doi=10.1088%2f1748-605X%2fabc026&partnerID=40&md5=bce135bef5669f27f5ebbb99dc86f13a	Review
Koppal, V.V., Melavanki, R., Kusanur, R., Patil, N.R.	55444679900;23061607900;650772790 4;35366935700;	Analysis of Fluorescence Quenching of Coumarin Derivative under Steady State and Transient State Methods	2021	Journal of Fluorescence	31	2	12	10.1007/s10895-020-02663-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099022362&doi=10.1007%2fs10895-020-02663-3&partnerID=40&md5=084470acd5f465a443f079abc171007a	Article
Roopa, T.S., Murthy, H.N.N., Harish, D.V.N., Jain, A., Angadi, G.	56788001800;6507666550;57207191533;7404464073;57200842568;	Properties of PVDF films stretched in machine direction	2021	Polymers and Polymer Composites	29	3	9	10.1177/0967391120910592	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081985576&doi=10.1177%2f0967391120910592&partnerID=40&md5=f5381fb6b440a87c53cf62eff84f986d	Article

Priya, B.H., Chaitra, C., Reddy, K.V.	57218248969;57241302300;57216412900;	Performance Analysis of Machine Learning Algorithms for Disease Prediction	2021	2021 Grace Hopper Celebration India, GHCI 2021			2	10.1109/GHCI50508.2021.9514000	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114041279&doi=10.1109%2fGHCI50508.2021.9514000&partnerID=40&md5=41f14f7af8c658d277c5c3fb544b3770	Conference Paper
Mahantesh, M.M., Rao, K.V.S.R., Mandal, J.	57222155712;57190737171;57222146163;	Human digital modeling and RULA analysis for an office chair user in computer work environment - A case study in Indian context	2021	AIP Conference Proceedings	2316		1	10.1063/5.0036414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101713591&doi=10.1063%2f5.0036414&partnerID=40&md5=e4a698d6cd57d562bab9a4e62ed05d24	Conference Paper
Srinivasan, S., Deepa, Sanjana, G.K.	57209690482;58902041300;57209719061;	Investigation of aerodynamic characteristics of a typical T-tail box wing aircraft	2021	AIP Conference Proceedings	2316			10.1063/5.0037306	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101708791&doi=10.1063%2f5.0037306&partnerID=40&md5=6965839080b2604ac5f820d476468302	Conference Paper

Ghalea, A., Varshitha, H., Kumar, M.V., Mathd, M.M.	57222157712;57222151879;57221009245;57222155712;	Design validation of high inertia generator rotor	2021	AIP Conference Proceedings	2316		2	10.1063/5.0038271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101708377&doi=10.1063%2f5.0038271&partnerID=40&md5=582bc7cbb139ef605dee5fd0c675fb2a	Conference Paper
Supreeth, R., Arokkiaswamy, A., Hegde, K.M., Srinath, P., Prajwal, H.P., Sudhanva, M.	57209681773;22950221500;57208623441;57647378400;57211324412;57211320023;	Analytical evaluation of performance of a small scale horizontal axis wind turbine rotor blade	2021	AIP Conference Proceedings	2316			10.1063/5.0036766	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101698483&doi=10.1063%2f5.0036766&partnerID=40&md5=11a1298a62ddbca3e8f088746ea48fd5	Conference Paper
Supreeth, R., Arokkiaswamy, A., Keshavan, A., Koushik, P.R., Kashyap, P.P., Sanarahamat, A.K.	57209681773;22950221500;57222147955;57208621635;57209642878;57222159259;	Numerical investigation of the role of tubercles in augmenting the aerodynamic characteristics of S823 airfoil	2021	AIP Conference Proceedings	2316			10.1063/5.0036767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101679612&doi=10.1063%2f5.0036767&partnerID=40&md5=dde9d5e0a1b2d21f8f8db8844110aa9b	Conference Paper

Amith, V., Sridhar, R., Angadi, G., Narashima Murthy, H.N.	56125698800;57189034887;57200842568;57202944904;	Recent Advancement in Electrospun nanofibrous mats with emphasis on their applications	2021	IOP Conference Series: Materials Science and Engineering	1065	1	1	10.1088/1757-899X/1065/1/012008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101606086&doi=10.1088%2f1757-899X%2f1065%2f1%2f012008&partnerID=40&md5=e536427591fee10c70aac5f14c7e52d8	Conference Paper
Nama, V., Hegde, V., Satish Babu, B.	57223102505;57204031965;57304737200;	Sentiment analysis of movie reviews: A comparative study between the naive-bayes classifier and a rule-based approach	2021	2021 International Conference on Innovative Trends in Information Technology, ICITIIT 2021			3	10.1109/ICITIIT51526.2021.9399610	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104858113&doi=10.1109%2fICITIIT51526.2021.9399610&partnerID=40&md5=68476bb1c75e4b69eb88c1a95f43fac1	Conference Paper
Rao, K.G., Rasoor, P., Anjaneya, G., Nataraj, J.R., Srinivas, M.R.	57221962964;57221961736;57207980536;56030739000;57190847688;	A review on methods of preventing super cooling in phase change materials (PCMs)	2021	AIP Conference Proceedings	2317		4	10.1063/5.0036177	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100797943&doi=10.1063%2f5.0036177&partnerID=40&md5=89a24c6b36132937b39c2a575f2f8e0d	Conference Paper

Yerima, S.Y., Alzaylaee, M.K., Shajan, A., Vinod, P.	22735916500;57190579820;57222057369;58920255200;	Deep learning techniques for android botnet detection	2021	Electronics (Switzerland)	10	4	29	10.3390/electronics10040519	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101263008&doi=10.3390%2felectronics10040519&partnerID=40&md5=c5f1b691002d91277f498ac7637975cc	Article
Ramakanth, S., Soundarresan, S., Arumuganainar, D., Mamgain, R., Kumaraswamy, H.V.	57222169558;57222162399;57222167540;57189459990;24534870500;	Extraction of jet engine parameters from micro-Doppler signatures using continuous wavelet transform	2021	IET Radar, Sonar and Navigation	15	2	3	10.1049/rsn2.12029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101763680&doi=10.1049%2frsn2.12029&partnerID=40&md5=35273b2f689fcee4c00f113196ab13a7	Article
Amith, V., Sridhar, R., Gangadhar, A., Vishnumurthy, K.A.	56125698800;57189034887;57200842568;56320807800;	Design and synthesis of PVDF-cloisite-30B nanocomposite fibers for energy harvesting applications	2021	Surfaces and Interfaces	22		9	10.1016/j.surfin.2020.100869	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097783508&doi=10.1016%2fj.surfin.2020.100869&partnerID=40&md5=d44062cec80a05193167d30c843430cd	Article

Harish, D.V.N., Bharatish, A., Murthy, H.N.N., Anand, B., Subramanya, K.N.	57207191533;55745948600;65076665550;57193022198;35753798900;	Investigation of thermal residual stresses during laser ablation of tantalum carbide coated graphite substrates using micro-Raman spectroscopy and COMSOL multiphysics	2021	Ceramics International	47	3	10	10.1016/j.ceramint.2020.09.193	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091685365&doi=10.1016%2fj.ceramint.2020.09.193&partnerID=40&md5=e2ce7a6200172891129f980b12922a0b	Article
Praveena, T., Nagaraja, G.S.	57193072047;66035530464;	Social-sine cosine algorithm-based cross layer resource allocation in wireless network	2021	International Journal of Electrical and Computer Engineering	11	1	4	10.11591/ijece.v11i1.pp458-470	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091164233&doi=10.11591%2fijece.v11i1.pp458-470&partnerID=40&md5=e136771769b9236c154498af5c13d1aa	Article
Melavanki, R., Sharma, K., Yallur, B.C., Kusanur, R., Sadasivuni, K.K., Singh, D., Mane, S., Katagi, K., Pattar, S.V.	23061607900;57201998937;56033294500;650772790 4;55580074800;57214416573;57205728271;23060912100;57202853869;	Understanding the binding interaction between phenyl boronic acid P1 and sugars: determination of association and dissociation constants using S–V plots, steady-state spectroscopic methods and molecular docking	2021	Luminescence	36	1	4	10.1002/bio.3931	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089910485&doi=10.1002%2fbio.3931&partnerID=40&md5=f4d6b29ef446283f8cf7647d2bb58540	Article

Anala, M.R., Kaganurmath, S.	55734811700;57222721662;	Study on parameters influencing the VM migration in datacenters	2021	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and				10.1109/Confluence51648.2021.9377170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103828369&doi=10.1109%2fConfluence51648.2021.9377170&partnerID=40&md5=c220a328bb1e30548f8d276e558a0d0d	Conference Paper
Siddhartha, B., Chavan, A.P., Hd, G.K., Subramanya, K.N.	57203955792;56405270200;57222296843;35753798900;	IoT Enabled Real-Time Availability and Condition Monitoring of CNC Machines	2021	IoTaIS 2020 - Proceedings: 2020 IEEE International Conference on Internet of Things and Intelligence			9	10.1109/IoTaIS50849.2021.9359698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102183797&doi=10.1109%2fIoTaIS50849.2021.9359698&partnerID=40&md5=66328bea9a92da89d54a32d6e29d5f96	Conference Paper
Bhargavi, K., Babu, B.S.	55179979600;57304737200;	Application of convoluted neural network and its architectures for fungal plant disease detection	2021	Artificial Intelligence and IoT-Based Technologies for Sustainable Farming and Smart Agriculture			2	10.4018/978-1-7998-1722-2.ch019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123454328&doi=10.4018%2f978-1-7998-1722-2.ch019&partnerID=40&md5=f84201bb834a5f3d0eaf8e993b280c3e	Book Chapter

Pailoor, S., Murthy, H.N.N., Sreenivasa, T.N.	57200369632;650 7666550;5718893 0294;	Drilling of In-Line Compression Molded Jute / Polypropylene Composites	2021	Journal of Natural Fibers	18	1	13	10.1080/1544047 8.2019.1612309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068613281&doi=10.1080%2f15440478.2019.1612309&partnerID=40&md5=df231c45d985e64cc96e3d795f54974a	Article
Radhakrishna, Venugopal, K.	35771473600;700 5430243;	Development of Eco-efficient Geopolymer Masonry for Sustainability	2021	Ecological and Health Effects of Building Materials				10.1007/978-3-030-76073-1_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153654375&doi=10.1007%2f978-3-030-76073-1_17&partnerID=40&md5=d24dbb02d06e474bbb43d52d9e1fb1a7	Book Chapter
Manjunatha, C.	56919543200;	Design and Development of Smart and Safe Helmet for Inhibiting COVID-19 Virus Infection: A Simple Idea for Solving the Big Crisis	2021	Coronaviruses	2	8	33	10.2174/2666796 70199920121121 3112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148358768&doi=10.2174%2f266679670199201211213112&partnerID=40&md5=6a95cf44d21fb98d8fd7c6b68e40f5c8	Article

Kumar, A.R.A., Hoovinalli, H., Salanke, G.R.	57218181867;57973835800;55816940900;	Resolving Coverage and Interference conflicts in 5G	2021	International Symposium on Advanced Networks and Telecommunication Systems, ANTS	#####			10.1109/ANTS52808.2021.9937018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142365440&doi=10.1109%2fANTS52808.2021.9937018&partnerID=40&md5=40a2d1440e416973980ee51ed0f804e2	Conference Paper
Sabnis, V., Abhinav, K., Subramanian, V., Dubey, A., Bhat, P.	57210345919;16232325400;57211022044;898722440;57211022022;	UPreG: An Unsupervised approach for building the Concept Prerequisite Graph	2021	Proceedings of the 14th International Conference on Educational Data Mining, EDM 2021					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138143414&partnerID=40&md5=323578ea0f0880ebdd56c1561214ec04	Conference Paper
Kaushik, P., Kumar Rastogi, C., Channegowda, M., Patel, A., Gyanprakash, M.	57860388400;57188253800;57220953146;57860099500;57190406870;	Investigating electrochemical properties of iron oxide-carbon nanotube composite for supercapacitor application	2021	Materials Today: Proceedings	74		2	10.1016/j.matpr.2022.08.258	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136716644&doi=10.1016%2fj.matpr.2022.08.258&partnerID=40&md5=d994fa018507c1771f3b8e924295a805	Conference Paper

Shettar, R., Niranjan, V., Reddy, V.U.K.	26422599700;660 3234656;5781933 5400;	Virtual Supercomputer Using Volunteer Computing	2021	Research Anthology on Architectures, Frameworks, and Integration Strategies for Distributed and Cloud Computing				10.4018/978-1-7998-5339-8.ch129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134947853&doi=10.4018%2f978-1-7998-5339-8.ch129&partnerID=40&md5=f34e84f03ca9f4a8e1aff685ce8e9fde	Book Chapter
Moharir, M., Srikanth, N., Pavan, K.R.	54419033000;572 18830752;574946 66000;	Sensor Data Analytics for Health Care	2021	Studies in Big Data	88			10.1007/978-981-16-0415-7_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132868245&doi=10.1007%2f978-981-16-0415-7_5&partnerID=40&md5=23a16306d8acf8a7bf78328f378f411e	Book Chapter
Kulkarni, P., Cauvery, N.K.	57221596716;352 91528300;	A Big Data Perspective of Individual Privacy Protection Approaches	2021	Proceedings of the 2021 6th International Conference on Computing, Communication and Security, ICCCS				10.1109/ICCCS51487.2021.9776332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131866154&doi=10.1109%2fICCCS51487.2021.9776332&partnerID=40&md5=62c128a3a3a1362b6f0e80efc75e0544	Conference Paper

Channegowda, M.	57220953146;	Functionalized Photocatalytic Nanocoatings for Inactivating COVID-19 Virus Residing on Surfaces of Public and Healthcare Facilities	2021	Coronaviruses	2	12	31	10.2174/2666796770266621022211 0403	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130537261&doi=10.2174%2f266679670266621022211 0403&partnerID=40&md5=d1c9a4c0400c9312fd5282f82b3f836 0	Article
Gowda, S.M.H., Karthick, M., Niketh, S.K., Kanagil, M.A., Guptha, V.L.J., Bharatish, A., Sharma, R.S.	57610858600;576 12199700;583420 68300;576115317 00;57200795856; 55745948600;553 48178700;	Effect of Laser Parameters on the Vibrational Characteristics of AlSi10Mg Parts Produced Using Selective Laser Melting (SLM)	2021	Lasers in Engineering	51	1	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128731498&partnerID=40&md5=fd6af2ffbf741a07c717a62478355 1b3	Article
Mukhopadhyaya, K., Srividya, P.	57224620564;558 42449800;	Trends in performance characteristics and modelling of oxide based TFT	2021	Materials Today: Proceedings	55		4	10.1016/j.matpr.2021.12.596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128410626&doi=10.1016%2fj.matpr.2021.12.596&partnerID=40&md5=92dde4a1ce9c8b92c3f6defa7b53a848	Conference Paper

Raghavendra, T., Jawad, F., Gurunandan, M., Vageesh, H.P.	56394374000;57208585437;57205063790;57210235868;	Application of fly ash in flowable fills and self-compacting concretes	2021	Handbook of Fly Ash			2	10.1016/B978-0-12-817686-3.00014-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128054203&doi=10.1016%2fB978-0-12-817686-3.00014-1&partnerID=40&md5=6de3282072370464e78ddfaaed7d0689	Book Chapter
Sharma, S., Giridharan, N., Chandra, A., Singh, A.K., Mohankumar, M.S., Bavikar, K., Kulkarni, R.	57307405400;57222008207;56016222300;57565759800;57566342600;57221615234;57214796765;	AARAMBH v2, The futuristic lunar surface vehicle	2021	Proceedings of the International Astronautical Congress, IAC	A5				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127732502&partnerID=40&md5=5652e13d8d684a149eeabd3c1480b057	Conference Paper
Kaushik Aryan, R., Anirudh, J.M., Avinash, G.	57557484000;57558007400;57558007500;	UTILIZATION OF SHAPE MEMORY ALLOYS FOR MULTI-PURPOSE DEPLOYABLE SOLAR-PANELS	2021	Proceedings of the International Astronautical Congress, IAC	C2				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127384229&partnerID=40&md5=1f115fb6c9a5d8be9e9b88dee5d15455	Conference Paper

Giridharan, N., Sharma, S., Bavikar, K., Chandra, A.	57222008207;57307405400;57221615234;56016222300;	UNIVERSAL POSITIONING SYSTEM- THE FUTURE OF SPACE NAVIGATION	2021	Proceedings of the International Astronautical Congress, IAC	B2				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127307623&partnerID=40&md5=8760e028af52ba58fb673c3578f5f079	Conference Paper
Manonmani, S., Akshita, L., Annette Shajan, L., Aneesh Sidharth, L., Rangaswamy, S.	57215542701;57287416300;57554355200;57554121500;35293507700;	Underwater Mine Detection Using Histogram of oriented gradients and Canny Edge Detector	2021	Proceedings - International Carnahan Conference on Security Technology	#####		2	10.1109/ICCST49569.2021.9717404	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127270247&doi=10.1109%2fICCST49569.2021.9717404&partnerID=40&md5=aff16176059576aaad14534c0230dcdb	Conference Paper
Mahesh, A., Bhatkoorse, R.G.	57028659000;57542982400;	Design and Simulation of Metamaterial based Patch Array Antenna with Lens	2021	IEMECON 2021 - 10th International Conference on Internet of Everything, Microwave Engineerin				10.1109/IEMECON53809.2021.9689197	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126863230&doi=10.1109%2fIEMECON53809.2021.9689197&partnerID=40&md5=9da674af23242f7ef21dfc73e8c6ac3c	Conference Paper

Kedar, A., Vangol, P., Chikkodi, R., Mahesh, A.	7003656269;57435313000;57435039800;57028659000;	Preliminary Investigations on Hybridization of Bayesian Compressive Sensing and Array Dilation Technique	2021	2021 IEEE Indian Conference on Antennas and Propagation, InCAP 2021			1	10.1109/InCAP52216.2021.9726393	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126851676&doi=10.1109%2fInCAP52216.2021.9726393&partnerID=40&md5=588775ba6fac3c7b857e0d4d4defe23b	Conference Paper
Baikady, A., Uma, B.V.	57542603600;55130921800;	Area and Power Efficient Architecture for Direct Digital Frequency Synthesizer	2021	IEMECON 2021 - 10th International Conference on Internet of Everything, Microwave Engineering			1	10.1109/IEMECON53809.2021.9689136	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126840635&doi=10.1109%2fIEMECON53809.2021.9689136&partnerID=40&md5=0e8aca73655ba69da25141979da489a0	Conference Paper
Amit, R., Cholli, N.G.	57541446700;57202086135;	Application of Lean Principles in Software Development Processes	2021	Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and				10.1109/CENTCON52345.2021.9687927	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126805972&doi=10.1109%2fCENTCON52345.2021.9687927&partnerID=40&md5=6d37f7826239912738276252c81702ec	Conference Paper

Kushal, S.L., Kedia, R., Deepika Varshini, R., Supreeth, R., Kulkarni, R.S., Kumar, B.	57539163800;57214794354;57539481100;57209681773;57214796765;57539466400;	Airframe Stabilization and Control System for Near Space Balloon Payloads	2021	AIAA Aviation and Aeronautics Forum and Exposition, AIAA AVIATION Forum 2021				10.2514/6.2021-2692	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126749901&doi=10.2514%2f6.2021-2692&partnerID=40&md5=c3fd5e2302cce37d6435db9d9f3e7fa0	Conference Paper
Kedia, R., Deeksha, K., Madhu, S.	57214794354;57221688436;57208632034;	Computational Analysis on Multiple Secondary Injection Ports on Dual Throat Nozzle Configuration	2021	AIAA Propulsion and Energy Forum, 2021				10.2514/6.2021-3577	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126743413&doi=10.2514%2f6.2021-3577&partnerID=40&md5=35a0bee4ae34f4d0174685091e92d0d0	Conference Paper
Srividya, P.	55842449800;	Camera based real time distress monitoring system for geriatric people	2021	Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and				10.1109/CENTCON52345.2021.9688005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126732462&doi=10.1109%2fCENTCON52345.2021.9688005&partnerID=40&md5=51d58df2fc64c38fc9d9e5a2372742b4	Conference Paper

Spoorthi, K.V., Cholli, N.G.	57478166300;57202086135;	Early Warning Signs of Resourcing in Global Software Development Projects	2021	Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and				10.1109/CENTCON52345.2021.9688055	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126729219&doi=10.1109%2fCENTCON52345.2021.9688055&partnerID=40&md5=e0ee38c2bf583eaad3109d38f07eea46	Conference Paper
Ravish Aradhya, H.V., Fadnavis, J., Gojanur, S.G.	55616592800;57226809699;57457538700;	Memory Design and Verification of SRAM-based Energy Efficient Ternary Content Addressable Memory	2021	2021 5th International Conference on Information Systems and Computer Networks, ISCON 2021			2	10.1109/ISCON52037.2021.9702386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126487177&doi=10.1109%2fISCON52037.2021.9702386&partnerID=40&md5=a70763756301b6ec49b75849c202cabf	Conference Paper
Veenadevi, S.V., Padmavathi, C.S.	56039237400;57201120726;	Automated detection of defects and grading of cashew kernels using machine learning	2021	Computer Vision and Recognition Systems Using Machine and Deep Learning Approaches: Fundamentals, technologie					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126415199&partnerID=40&md5=693af46aab16525f216361500e04d8cf	Book Chapter

Chandrashekar, L., DInesh, M.N.	57196259433;34869411600;	Selecting an Optimizer to Detect the Field of View for CT and MRI Brain Images	2021	Proceedings of the 2021 IEEE 18th India Council International Conference, INDICON 2021				10.1109/INDICON52576.2021.9691763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126396021&doi=10.1109%2fINDICON52576.2021.9691763&partnerID=40&md5=ad8b5fa07f39712bb29541c7052a92c2	Conference Paper
Srinivasan, K.	57485409900;	TRADING STOCKS OR ITS OPTIONS-ANALYSIS OF PUBLICLY TRADED OIL COMPANIES IN INDIA	2021	2021 12th International Conference on Computing Communication and Networking Technologi				10.1109/ICCCNT51525.2021.9580085	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126258540&doi=10.1109%2fICCCNT51525.2021.9580085&partnerID=40&md5=c2911216484952ec0043ecf31849559e	Conference Paper
Abhishek Singh, J., Sachin Kumar, M.R., Shushrutha, K.S.	57220041429;57220028669;56556976900;	Implementation of Segment Routing-Traffic Engineering over MPLS	2021	2021 12th International Conference on Computing Communication and Networking Technologi			1	10.1109/ICCCNT51525.2021.9579691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126232897&doi=10.1109%2fICCCNT51525.2021.9579691&partnerID=40&md5=4ed73c305cb18651e5a37ec7d66aa0f0	Conference Paper

Abhishek Singh, J., Sachin Kumar, M.R., Shushrutha, K.S.	57220041429;57220028669;56556976900;	Implementation of Topology Independent Loop free Alternate with Segment Routing Traffic	2021	2021 12th International Conference on Computing Communication and Networking Technologi			6	10.1109/ICCCNT51525.2021.9579530	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126209177&doi=10.1109%2fICCCNT51525.2021.9579530&partnerID=40&md5=73c9449cefa4321323e06a34ca75c2f8	Conference Paper
Deshpande, A., Veenadevi, S.V., Aleti, S.	57196673148;56039237400;57484990300;	Test Automation and Continuous Integration using Jenkins for Smart Card OS	2021	2021 12th International Conference on Computing Communication and Networking Technologi			1	10.1109/ICCCNT51525.2021.9580021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126201358&doi=10.1109%2fICCCNT51525.2021.9580021&partnerID=40&md5=17b0b26ddb24946f2303176f026fac9b	Conference Paper
Patil, B.K., Arjun Rao, N., Chinmay, N., Pathy, A.	57478304700;57478304800;57478304900;57478059500;	Real Time Laser Tracking	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683746	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125813633&doi=10.1109%2fCSITSS54238.2021.9683746&partnerID=40&md5=d821b6d719c4b3467443dd160bb592db	Conference Paper

Fawad, I., Kumaraswamy, H.V.	57203013420;24534870500;	Effects of Microstrip Array Failures in a Smart Antenna System for 5G Mobile Communication	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9682895	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125811911&doi=10.1109%2fCSITSS54238.2021.9682895&partnerID=40&md5=849f993e7c2add31752549d7f020089a	Conference Paper
Shivashankar, B., Sundari, A.M.A., Surendra, H., Atul Sai, S.S., Moharir, M.	57478288000;57478166700;57478043100;57478043200;54419033000;	Deep Learning based Campus Assistive Chatbot	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			2	10.1109/CSITSS54238.2021.9683551	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125804825&doi=10.1109%2fCSITSS54238.2021.9683551&partnerID=40&md5=d8d884847fd9d86817a892f5cf888a48	Conference Paper
Nagaraja, N.G., Nagaraja, N.G.	57477407400;57477407400;	5thInternational Conference on CSITSS-2021	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125803649&doi=10.1109%2fCSITSS54238.2021.9683235&partnerID=40&md5=30dc2897d4ff356f0f2bd55e2c19d3d4	Editorial

Raikar, S., Cholli, N.G.	57478289900;57202086135;	An Analysis of Ambiguity Detection Techniques for Software Requirement Specification	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			1	10.1109/CSITSS54238.2021.9683497	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125802659&doi=10.1109%2fCSITSS54238.2021.9683497&partnerID=40&md5=60a7e4316de62f6184bd5d25d5326433	Conference Paper
Sreelakshmi, K., Sreelakshmi, K.	57297644300;57297644300;	5thInternational Conference on CSITSS-2021	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125801478&doi=10.1109%2fCSITSS54238.2021.9683235&partnerID=40&md5=f66218ef5578214a946148995f8d94f2	Editorial
Kumar P, R., Kumar P, R.	6506962203;55004197000;	5thInternational Conference on CSITSS-2021	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125800858&doi=10.1109%2fCSITSS54238.2021.9683235&partnerID=40&md5=e144a312a92fecf4315a8f7375e720bf	Editorial

Manjunath, P., Shanthi, P.	57477683100;57191618620;	Microwave Single Ring Resonating Sensor for Food Sensing	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			1	10.1109/CSITSS54238.2021.9683666	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125797962&doi=10.1109%2fCSITSS54238.2021.9683666&partnerID=40&md5=2c9361d3b9f735bc019800be307abbf0	Conference Paper
Sathvik, C., Moorthy, S., Nidhi, K., Badari Nath, K.	57477786800;57478041200;57477660200;56419987600;	SmartZ COVID-19 Smart Door	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			1	10.1109/CSITSS54238.2021.9683586	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125796503&doi=10.1109%2fCSITSS54238.2021.9683586&partnerID=40&md5=fd5ccf37a9511e58e4058051bafff427	Conference Paper
Arvind, C.S., Totla, A., Jain, T., Sinha, N., Jyothi, R., Aditya, K., Keerthan, Farhan, M., Sumukh, G., Ak, G.	55446621100;57221604025;57477485200;57477485300;57218693242;57506837400;57477736400;57477864800;57477485400;57477990800;	Deep Learning Based Plant Disease Classification with Explainable AI and Mitigation Recommendation	2021	2021 IEEE Symposium Series on Computational Intelligence, SSCI 2021 - Proceedings			3	10.1109/SSCI50451.2021.9659869	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125790384&doi=10.1109%2fSSCI50451.2021.9659869&partnerID=40&md5=f5143a3bee6f73a05fbd0ef85c71ddc0	Conference Paper

Bhat, G.P., Cholli, N.G.	57201584875;57202086135;	Effective object detection using Tensorflow facilitated YOLOv3 model	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125790048&doi=10.1109%2fCSITSS54238.2021.9683109&partnerID=40&md5=83178a40deda73d99b83d48e6d52d87c	Conference Paper
Kulkarni, K., Padaki, R.	57477533100;57478287000;	Video Based Transcript Summarizer for Online Courses using Natural Language Processing	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			5	10.1109/CSITSS54238.2021.9683609	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125789543&doi=10.1109%2fCSITSS54238.2021.9683609&partnerID=40&md5=5ae0a4e32f3f8d5871254d6e8082b5cc	Conference Paper
Dassi, R., Vishal, M., Moharir, M., Pavan, K.R., Mitra, S., Goradia, R.	57477431500;57478316100;54419033000;57494666000;57477815600;36709584800;	Efficient Mask Detection System for Low Powered Micro-Computer	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125788544&doi=10.1109%2fCSITSS54238.2021.9683663&partnerID=40&md5=466b63dada31971c35c5fdd2f6ddca97	Conference Paper

Hegde, M.S., Basappa, S.C., Nagaraja, G.S.	57478044400;57477916300;660353 0464;	Smart Dry and Wet Waste Management System Using IoT	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.96828 87	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125788419&doi=10.1109%2fCSITSS54238.2021.9682887&partnerID=40&md5=10ab822665817426bb3aad0285868461	Conference Paper
Minnoor, N., Pannaga Shree, B.S., Sahana, B.	57467989500;57204566683;572112 20487;	Evaluation of Security Aspects of Wireless Sensor Networks	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.96834 62	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125787800&doi=10.1109%2fCSITSS54238.2021.9683462&partnerID=40&md5=6bd05ec8ca6f004be05bf5e49cbddf87	Conference Paper
Sadavarte, R.S., Raj, R., Sathish Babu, B.	57477533000;57478040600;572259 07135;	Solving the Lunar Lander Problem using Reinforcement Learning	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			2	10.1109/CSITSS54238.2021.96829 70	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125783526&doi=10.1109%2fCSITSS54238.2021.9682970&partnerID=40&md5=f61870a2f23c5d64c8192bb5469491f1	Conference Paper

Dharani, A., Dharani, A.	54383109800;58225757000;	5thInternational Conference on CSITSS-2021	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125782274&doi=10.1109%2fCSITSS54238.2021.9683235&partnerID=40&md5=b03f28b8c45becd07e82d0199ee506a4	Editorial
Kavyashree, K., Sowmyarani, C.N.	57216768578;55532106000;	TCP Attack Detection Using Dynamic Threshold	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125780235&doi=10.1109%2fCSITSS54238.2021.9683302&partnerID=40&md5=a73e3deb339166a828212efa26b979a6	Conference Paper
Sagar, B.M.	57193071793;	5thInternational Conference on CSITSS-2021	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125778624&doi=10.1109%2fCSITSS54238.2021.9683235&partnerID=40&md5=4b824177281977678 0c4a6c3d85b0881	Editorial

Srinath, S., Nagaraja, G.S., Shahabadkar, R.	57212890095;66035304 64;56008908600;	A detailed Analysis of Lightweight Cryptographic techniques on Internet-of-Things	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			1	10.1109/CSITSS54238.2021.9683091	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125776955&doi=10.1109%2fCSITSS54238.2021.9683091&partnerID=40&md5=55adff2a7262a0b4900f92c5dafaea2f	Conference Paper
Garg, R., Ambekar, C.K., Saha, K., Salanke, N.	57262861900;57478168400;57215343518;55816940900;	PROFCAD: An Algorithm to Detect Anomalies in Cloud Applications for KPI Monitoring Systems	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9682911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125771002&doi=10.1109%2fCSITSS54238.2021.9682911&partnerID=40&md5=f92809293e3688526aedb5208dacbf3a	Conference Paper
Babu, B.S., Babu, B.S.	57304737200;57209134343;	5thInternational Conference on CSITSS-2021	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125770684&doi=10.1109%2fCSITSS54238.2021.9683235&partnerID=40&md5=a9df4dd06f695796ac98280251711b9e	Editorial

Spoorthi, K.V., Rekha, B.S.	57478166300;58236695700;	Diabetic Retinopathy Prediction using Deep learning	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			4	10.1109/CSITSS54238.2021.9683553	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125768955&doi=10.1109%2fCSITSS54238.2021.9683553&partnerID=40&md5=12931659827ccdadcee812f0a535f663	Conference Paper
Thilak, R., Anjaneyappa, Mehta, J., Pharle, V., Rajapur, C., Borah, S.	57477431600;57477815400;57550160100;57478071800;57477431700;57477431800;	Evaluation of Pavement Roughness Using Smartphones	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			3	10.1109/CSITSS54238.2021.9682804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125767662&doi=10.1109%2fCSITSS54238.2021.9682804&partnerID=40&md5=f322bd92b6ffa51b3e4f867f9f3237cf	Conference Paper
Karadi, T., Sreelakshmi, K., Singh, A.K.	57477416000;57297644300;58603589900;	Design, optimization and simulation of non-resonant slotted waveguide antenna for X-band	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683791	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125766916&doi=10.1109%2fCSITSS54238.2021.9683791&partnerID=40&md5=e400c5f026f214e015711d3969dd4bf8	Conference Paper

Dey, N., Samhitha, S., Hariprasad, M., Anand, A., Gadad, V.	57478313600;57478067100;57478067200;57477810900;57204565648;	Analysis of Machine Learning Algorithms by Developing a Phishing Email and Website Detection Model	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			1	10.1109/CSITSS54238.2021.9683131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125766591&doi=10.1109%2fCSITSS54238.2021.9683131&partnerID=40&md5=b4889ae4adff27997f498411b4bddc40	Conference Paper
Geetha, K.S., Geetha, K.S.	58796004900;58796004900;	5thInternational Conference on CSITSS-2021	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125765075&doi=10.1109%2fCSITSS54238.2021.9683235&partnerID=40&md5=f3c44086db4e13aba7255e5259755ab4	Editorial
Vishal, M., Satija, Y., Babu, B.S.	57478316100;57478316200;57304737200;	Trading Agent for the Indian Stock Market scenario using Actor-Critic based Reinforcement Learning	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			4	10.1109/CSITSS54238.2021.9683467	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125764665&doi=10.1109%2fCSITSS54238.2021.9683467&partnerID=40&md5=e454a1f494dfd212d188ca415363b0c2	Conference Paper

Amith, R., Kavitha, S.N.	57505348000;57220455129;	Vehicle Number Validation System Using Convolution Neural Networks	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9682900	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125764559&doi=10.1109%2fCSITSS54238.2021.9682900&partnerID=40&md5=bfbe3defe723159196228a9f9f343308	Conference Paper
Lagalur, A.E., Shanthi, P.	57330898200;57191618620;	Design and Implementation of Microwave Sensor for Material Identification	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683687	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125763011&doi=10.1109%2fCSITSS54238.2021.9683687&partnerID=40&md5=301d9b6200ae2a79d62a8a51c8afdd2a	Conference Paper
Karthik, S., Supreetha, H.V., Sandhya, S.	57224605204;57478189300;35185484500;	Detection of Anomalies in Time Series Data	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			2	10.1109/CSITSS54238.2021.9683715	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125762564&doi=10.1109%2fCSITSS54238.2021.9683715&partnerID=40&md5=4c27bd2f2c4de62b3274a32fa4551995	Conference Paper

Rahul, C., Meleet, M., Srinivasan, G.N., Cholli, N.G.	57478069900;57204031776;56501487200;57202086135;	Clinical Data Analysis for Recognizing Named Entities	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125761865&doi=10.1109%2fCSITSS54238.2021.9683039&partnerID=40&md5=03446a31c5fae31c5d3c14758bef2e1d	Conference Paper
Deeksha, Yadav, S., Sreelakshmi, K.	57478311400;57659432200;57297644300;	Implementation of Audio De-noising using Convolutional Neural Networks on Edge Device	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information				10.1109/CSITSS54238.2021.9683183	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125761712&doi=10.1109%2fCSITSS54238.2021.9683183&partnerID=40&md5=8894db52771a7932b937ec27fafa1534	Conference Paper
Dassi, R., Kamal, S., Babu, B.S.	57477431500;57477685200;57304737200;	E-Waste Detection and Collection assistance system using YOLOv5	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			2	10.1109/CSITSS54238.2021.9682806	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125761678&doi=10.1109%2fCSITSS54238.2021.9682806&partnerID=40&md5=42447d3a53b0998b86b9cf85a3701108	Conference Paper

Ankad, S.S., Shivaprasad Raj, B., Nasreen, A., Mathur, S., Ramakanth Kumar, P., Sreelakshmi, K., Ankad, S.S., Shivaprasad Raj, B.	57477940400;57478316700;56584235400;57478193300;6506962203;57297644300;57477940400;57478316700;	Object Size Measurement from CCTV footage using deep learning	2021	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information			1	10.1109/CSITSS54238.2021.9683671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125759130&doi=10.1109%2fCSITSS54238.2021.9683671&partnerID=40&md5=9bd93757d9a08f2da193123056d0c320	Conference Paper
Adish, Jayaram, C., Shanthi, P.	57477281400;57477033000;57191618620;	Design of GaN HEMT based Doherty Power Amplifier for 5G Applications	2021	2021 IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2021			1	10.1109/ICMNWC52512.2021.9688386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125747646&doi=10.1109%2fICMNWC52512.2021.9688386&partnerID=40&md5=219f6848e812b81bb22bc5841544d0c3	Conference Paper
Fawad, I., Kumaraswamy, H.V.	57203013420;24534870500;	Enhanced Performance Smart Antenna System using Levy Based Optimisation Algorithms for Mobile Communication	2021	2021 IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2021				10.1109/ICMNWC52512.2021.9688419	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125716817&doi=10.1109%2fICMNWC52512.2021.9688419&partnerID=40&md5=da3b2c4c5d974bc8bc1176ea4fcddc33	Conference Paper

Minnoor, N., Shobha, G.	57467989500;14829661100;	Nifty Price Prediction from Nifty SGX using Machine Learning, Neural Networks and Sentiment Analysis	2021	2021 7th International Conference on Computer and Communications, ICCC 2021			2	10.1109/ICCC54389.2021.9674597	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125319025&doi=10.1109%2fICCC54389.2021.9674597&partnerID=40&md5=98b419f252e60355eaf46caa26e2ad95	Conference Paper
Uttarkar, A., Niranjan, V., Pandit, S., Subash, S.	57216224183;66032346563;57226163585;57226147757;	Study of SARS-nCoV2 Indian Isolates Gaining Insights into Mutation Frequencies, Protein Stability and Prospective Effect on Pathogenicity	2021	Coronaviruses	2	10	4	10.2174/2666796706626621011815 5636	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125306179&doi=10.2174%2f266679670266210118155636&partnerID=40&md5=25289648d8cf9fa2cfb29521b3142c21	Article
Raghunandan, A., Shilpa, D.R.	57204897354;56112828300;	Design of Adiabatic Logic Circuits using FinFET 18nm Technology	2021	Proceedings of the 2021 2nd International Conference on Communication, Computing and Industry 4.0, C2I4				10.1109/C2I454156.2021.9689244	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125105147&doi=10.1109%2fC2I454156.2021.9689244&partnerID=40&md5=3e5808b418826b947b182c4dbc0c5694	Conference Paper

Mahesh, A., Soujanya, N.	57028659000;57463207800;	Design of Non-Uniform Circularly Polarized Dipole Antenna Array for P-Band Applications	2021	2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering				10.1109/UPCON52273.2021.9667642	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125100494&doi=10.1109%2fUPCON52273.2021.9667642&partnerID=40&md5=7590e475165a9a1c84b3c111cef7b9dc	Conference Paper
Shilpa, D.R., Rajith Kumar, B.K., Raghunandan, A.	56112828300;57463582200;57204897354;	Piezoelectric Energy Harvesting for Wearables	2021	Proceedings of the 2021 2nd International Conference on Communication, Computing and Industry 4.0, C2I4				10.1109/C2I454156.2021.9689417	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125043577&doi=10.1109%2fC2I454156.2021.9689417&partnerID=40&md5=f0764f10b33c26a4ffe1c75f5f5fb3b0	Conference Paper
Bharadwaj, D.A., Anirvinnan, P., Premanada, B.S.	57435082400;57211604685;37091407700;	A Low Power Diffused Bit Generator as a TRNG for Cryptographic Key Generation	2021	2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics			1	10.1109/DISCOVER52564.2021.9663619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124797748&doi=10.1109%2fDISCOVER52564.2021.9663619&partnerID=40&md5=f168115e80c6fd2a7ecb6fa610b3d5a4	Conference Paper

Skanda, C., Srivatsa, B., Premananda, B.S.	57211159907;57237398300;37091407700;	Design of Compact and Energy Efficient Banyan Network for Nano Communication	2021	2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics			2	10.1109/DISCOVER52564.2021.9663634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124797123&doi=10.1109%2fDISCOVER52564.2021.9663634&partnerID=40&md5=85a92c8cbf5d5a6751040493b56a4e4e	Conference Paper
Ahmad, S.F., Jha, U., Rawat, R., Govindaraju, M.	57209916607;57451899100;57222873133;57452053100;	Audio Distress Signal Recognition in Rural and Urban Areas using a WSN consisting of Portable Resource-Constrained Devices	2021	2021 28th IEEE International Conference on Electronics, Circuits, and Systems, ICECS 2021 - Proceeding				10.1109/ICECS53924.2021.9665474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124612893&doi=10.1109%2fICECS53924.2021.9665474&partnerID=40&md5=b3c05b353e0549fb7f4051df021358f4	Conference Paper
Ahmad, S.F., Ferjani, M.Y., Kasliwal, K.	57209916607;57452053300;57452202400;	Enhancing Security in the Industrial IoT Sector using Quantum Computing	2021	2021 28th IEEE International Conference on Electronics, Circuits, and Systems, ICECS 2021 - Proceeding			1	10.1109/ICECS53924.2021.9665527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124602485&doi=10.1109%2fICECS53924.2021.9665527&partnerID=40&md5=12c4f5e44fe2f63800a83f2c16d06471	Conference Paper

Shravani, D., Prajwal, Y.R., Atreyas, P.V., Shobha, G.	37102696100;57216312155;57444258500;14829661100;	VR Supermarket: A Virtual Reality Online Shopping Platform With a Dynamic Recommendation System	2021	Proceedings - 2021 4th IEEE International Conference on Artificial Intelligence and Virtual Reality, AIVR 2021			6	10.1109/AIVR52153.2021.00028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124248785&doi=10.1109%2fAIVR52153.2021.00028&partnerID=40&md5=4c4ec2ab2188b6722b2d89c9caf7fbf7	Conference Paper
Thejas, B.U., Dhulkhed, S.S., Shetty, J., Swamy, S.R.	57443499200;57443308800;55994536900;57223859543;	Poverty Detection using Satellite Imagery	2021	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and				10.1109/I-SMAC52330.2021.9640823	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124236541&doi=10.1109%2fI-SMAC52330.2021.9640823&partnerID=40&md5=d614f36b322ff818f20f32425467e50a	Conference Paper
Bharadwaj, S., Antony, A., Bhalerao, S., Kulkarni, A., Eswara, R., Suryawanshi, A.S.	57444057000;57213683856;57444250000;57643159200;57443098800;58654201000;	Smart IOT based Indoor Farming Analysis and Monitoring using Fuzzy logic Expert systems	2021	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and			2	10.1109/I-SMAC52330.2021.9640781	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124188627&doi=10.1109%2fI-SMAC52330.2021.9640781&partnerID=40&md5=dd94232520d99425bcae59231d5a1a48	Conference Paper

Kumar, P., Shushrutha, K.S.	57217398192;56556976900;	Comparative Analysis of Features in a Speech Emotion Recognition System using Convolutional Neural Networks	2021	ISPACS 2021 - International Symposium on Intelligent Signal Processing and Communication Systems:			1	10.1109/ISPACS51563.2021.9651089	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124140942&doi=10.1109%2fISPACS51563.2021.9651089&partnerID=40&md5=f038c21a1ab9373e631cfa9bc39d7dc5	Conference Paper
Mahesh, A., Jetgonda, N.V.	57028659000;57439161600;	Analysis of Dielectric Lens-Shell Antennas using Hybrid Method	2021	2021 International Conference on Smart Generation Computing, Communication and Networking - SMART			2	10.1109/SMARTGENCON51891.2021.9645796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124050207&doi=10.1109%2fSMARTGENCON51891.2021.9645796&partnerID=40&md5=bcb0ed93fb74a20e390c0f93cce700f1	Conference Paper
Samanvita, S., Trivedi, S.P., Jayanthi, P.N.	57439700500;57439525200;57204494184;	Testing of eSIM Profile Management	2021	2021 International Conference on Smart Generation Computing, Communication and Networking - SMART				10.1109/SMARTGENCON51891.2021.9645863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124007780&doi=10.1109%2fSMARTGENCON51891.2021.9645863&partnerID=40&md5=e5e04de600ec4cebda846daa0714b255	Conference Paper

Abhishek, K.P., Mahendra, B.M.	57510720900;57219482390;	Deep Convolutional Neural Network to Handle Saturation in Image Deblurring	2021	2021 International Conference on Smart Generation Computing, Communication and Networkin			1	10.1109/SMARTGENCON51891.2021.9645875	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123995634&doi=10.1109%2fSMARTGENCON51891.2021.9645875&partnerID=40&md5=85f44258cc92c132ed9036666ae40527	Conference Paper
Marium, A., Mamatha, G.S.	57435440100;35146519000;	BERT Model for Classification of Fake News using the Cloud Processing Capacity	2021	IEEE Region 10 Humanitarian Technology Conference, R10-HTC	#####			10.1109/R10-HTC53172.2021.9641632	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123870786&doi=10.1109%2fR10-HTC53172.2021.9641632&partnerID=40&md5=4c64b43d9c37df114a55d2cff13a6887	Conference Paper
Rawat, R., Gupta, S., Mohapatra, S., Mishra, S.P., Rajagopal, S.	57222873133;57226094600;57376868800;57435311000;57376829400;	Intelligent Acoustic Module for Autonomous Vehicles using Fast Gated Recurrent approach	2021	2021 4th International Conference on Recent Developments in Control, Automation and Power Engineerin			2	10.1109/RDCAPE52977.2021.9633681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123869269&doi=10.1109%2fRDCAPE52977.2021.9633681&partnerID=40&md5=c140503fe74339a9c6641d142566bc56	Conference Paper

Saurab, B., Chavan, A.P.	57434761000;56405270200;	Ultra-Low Power, Area Efficient and High-Speed Voltage Level Shifter based on Wilson Current Mirror	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			6	10.1109/MysuruCon52639.2021.9641657	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123869148&doi=10.1109%2fMysuruCon52639.2021.9641657&partnerID=40&md5=ca6e42ce142bcebeb1a42d7a9ec3d709	Conference Paper
Praveen Kumar, Y.G., Kariyappa, S.B., Kurian, M.Z., Hosamani, R.	57200167660;35102416500;35318099700;57435445800;	Realization of Power and Area efficient 16-bit Equality Comparator using m-GDI Technology	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			1	10.1109/MysuruCon52639.2021.9641525	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123860323&doi=10.1109%2fMysuruCon52639.2021.9641525&partnerID=40&md5=5581e247432e76441cfd98d420672430	Conference Paper
Chikkodi, R., Vangol, P., Mahesh, A., Kedar, A.	57435039800;57435313000;57028659000;700365626 9;	Wide-Scan and Wideband Antenna Array Design for Phased Array applications in X-band	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			4	10.1109/MysuruCon52639.2021.9641092	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123855508&doi=10.1109%2fMysuruCon52639.2021.9641092&partnerID=40&md5=5ad5b86887471d8f5039f3db2433c3b7	Conference Paper

Guruprasad, P., Sandesh, R.S., Devadiga, R., Moolya, P.V., Sridhar, R.	57435584300;37011648600;57212526930;57435041900;57189034887;	Visualization of Automatic Parking Assistance for Four-Wheeler Vehicles	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021				10.1109/MysuruCon52639.2021.9641087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123851989&doi=10.1109%2fMysuruCon52639.2021.9641087&partnerID=40&md5=f0cc47350d0ac24456c31e4c788596a8	Conference Paper
Saurab, B., Chavan, A.P.	57434761000;56405270200;	Design and Optimization of Timing Errors on Swapping of Threshold Voltage	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			1	10.1109/MysuruCon52639.2021.9641564	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123848266&doi=10.1109%2fMysuruCon52639.2021.9641564&partnerID=40&md5=fb6b566cfc7cb37bd4338d1f65b4165c	Conference Paper
Koshy, A.M., Yellur, G., Kammachi, H.J., V P, I., Ramakanth Kumar, P., Moharir, M., Deepamala, N.	57435448500;57434900000;57435039900;57434900100;6506962203;54419033000;37070296400;	An Insight into Encrypted DNS protocol: DNS over TLS	2021	2021 4th International Conference on Recent Developments in Control, Automation and Power Engineerin			4	10.1109/RDCAPE52977.2021.9633480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123848071&doi=10.1109%2fRDCAPE52977.2021.9633480&partnerID=40&md5=2d5e9e27ec88a4d26ea98dfdef84c29c	Conference Paper

Prasanna, S.R., Beney, M., Premananda, B.S.	57236000000;57434909200;37091407700;	Design and Implementation of Power and Area Efficient Phase Frequency Detector	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			2	10.1109/MysuruCon52639.2021.9641566	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123842465&doi=10.1109%2fMysuruCon52639.2021.9641566&partnerID=40&md5=f4db05c1d1b9b9c3fdd984a7d8ceb97a	Conference Paper
Rama Venkateswaran, N., Vishwanatha, M.S., Shivayogi, P.Y.	57435724100;57434764800;57434764900;	Safety Mechanism Implementation for Fault in the Memory	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021				10.1109/MysuruCon52639.2021.9641563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123839131&doi=10.1109%2fMysuruCon52639.2021.9641563&partnerID=40&md5=2d83d5926cc99638e62cfb3f3aef3ef8	Conference Paper
Nikhil, K.J., Premananda, B.S.	57221648647;37091407700;	Generation of Flash Containers in PDX Format for Automotive Secure Gateway	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			1	10.1109/MysuruCon52639.2021.9641083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123834446&doi=10.1109%2fMysuruCon52639.2021.9641083&partnerID=40&md5=2f0eb81f4ee87ea1e6a190204076c395	Conference Paper

Ankita, C., Ranjani, G.	57215743813;57189234085;	Performance Analysis of Zone based Route Discovery Mechanism for MANETs in Software Defined Networking Framework	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			1	10.1109/MysuruCon52639.2021.9641708	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123833372&doi=10.1109%2fMysuruCon52639.2021.9641708&partnerID=40&md5=35c990ebc37f5ebf23a07893820befe4	Conference Paper
Naik, A.O., Kuruvilla, E., Chavan, A.P.	57435440800;9939778000;56405270200;	Integration and Verification of IP Cores on SoC	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021				10.1109/MysuruCon52639.2021.9641547	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123831173&doi=10.1109%2fMysuruCon52639.2021.9641547&partnerID=40&md5=02ae6d57de3321fedc2acf7ab8ec1d55	Conference Paper
Agrawal, T., Suraj, Meleet, M.	57518972700;57432772800;57204031776;	Classification of Natural Disaster Using Satellite Drone Images with CNN Using Transfer Learning	2021	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and			3	10.1109/ICSES52305.2021.9633803	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123789255&doi=10.1109%2fICSES52305.2021.9633803&partnerID=40&md5=95996e766a6659a80907417f0e3a2ff8	Conference Paper

Agarwal, N., Seth, P., Meleet, M.	57433490900;57433196000;57204031776;	A New Sentence Similarity Computing Technique Using Order and Semantic Similarity	2021	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and			1	10.1109/ICSES52305.2021.9633911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123772416&doi=10.1109%2fICSES52305.2021.9633911&partnerID=40&md5=c5764cedc969113694f453cb4245091c	Conference Paper
Sajad, S., Dharshika, S., Meleet, M.	57433491100;57433057000;57204031776;	Music Generation for Novices Using Recurrent Neural Network (RNN)	2021	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and			2	10.1109/ICSES52305.2021.9633906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123769793&doi=10.1109%2fICSES52305.2021.9633906&partnerID=40&md5=42820725f9f5783fb0908b5429e1e8a6	Conference Paper
Kolle, R., Sanjana, S., Meleet, M.	57433056000;57191366063;57204031776;	Extractive Summarization of Text from Images	2021	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and			1	10.1109/ICSES52305.2021.9633936	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123766132&doi=10.1109%2fICSES52305.2021.9633936&partnerID=40&md5=8a5f4aa1c63dc2e82196d7562acaed42	Conference Paper

Dinesh, T., Anala, M.R., Newton, T.T., Smitha, G.R.	57433638800;55734811700;57433638900;57215537070;	AI Bot for Academic Schedules using Rasa	2021	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and			4	10.1109/ICSES52305.2021.9633799	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123755265&doi=10.1109%2fICSES52305.2021.9633799&partnerID=40&md5=610bce235148d4f7a129e614bc8c5f51	Conference Paper
Kamal, J., Priya, P., Anala, M.R., Smitha, G.R.	57432912800;57517532900;55734811700;57215537070;	A Classification Based Approach to the Prediction of Song Popularity	2021	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and			3	10.1109/ICSES52305.2021.9633884	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123753584&doi=10.1109%2fICSES52305.2021.9633884&partnerID=40&md5=ae78de9be8026c795851ef9a2522e028	Conference Paper
Shetty, M.K., Karthik, K.V., Patil, J.H., Shekhar, S.M.	56347715000;57191912957;55094514000;57196975941;	Equilibrium removal, isotherm and kinetic studies of chromium (VI) adsorption onto biopolymers from aqueous solution: A comparative study	2021	Materials Today: Proceedings	49		8	10.1016/j.matpr.2021.06.199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123742841&doi=10.1016%2fj.matpr.2021.06.199&partnerID=40&md5=fa60e455076010ecbf5c823973f91a00	Conference Paper

Rajesh, R., Kulkarni, M.V., Vergis, B.R., Sampathkumaran, P., Seetharamu, S.	56691657300;57202765775;57207854227;660302521 2;6603809161;	Copper nickel alloys made using direct metal laser sintering method for assessing corrosion resistance properties	2021	Materials Today: Proceedings	49		8	10.1016/j.matpr.2021.05.178	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123730195&doi=10.1016%2fj.matpr.2021.05.178&partnerID=40&md5=40b65651a57997301a6666e7cee34588	Conference Paper
Niranjan, D.R., Vinaykarthik, B.C., Mohana	57211587024;57420208800;57113679700;	Performance Analysis of SSD and Faster RCNN Multi-class Object Detection Model for Autonomous Driving Vehicle Research Using CARLA Simulator	2021	2021 4th International Conference on Electrical, Computer and Communication Technologies,			6	10.1109/ICECCT52121.2021.9616712	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123427595&doi=10.1109%2fICECCT52121.2021.9616712&partnerID=40&md5=7271c79793f42b760cdcf4e3be3769a1	Conference Paper
Dhanush, M., Hasifa, S.A., Meleet, M.	58662072100;57425924600;57204031776;	Crime Prediction and Forecasting using Voting Classifier	2021	2021 4th International Conference on Electrical, Computer and Communication Technologies,			3	10.1109/ICECCT52121.2021.9616911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123406104&doi=10.1109%2fICECCT52121.2021.9616911&partnerID=40&md5=2bf9af5ef61b92ab7a54e8aa983d97e3	Conference Paper

Charan Kumar, M.A., Nagamani, K.	57425027300;57218872766;	Design and Simulation of Energy Efficient Routing Protocols for Underwater Wireless Sensor Networks	2021	2021 4th International Conference on Electrical, Computer and Communication Technologies, ICECCT				10.1109/ICECCT52121.2021.9616762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123399810&doi=10.1109%2fICECCT52121.2021.9616762&partnerID=40&md5=0271484a760820ff5a1963171339d71c	Conference Paper
Ravish Aradhya, H.V., Kanase, G., Vinayakgouda, Y.	55616592800;57219119758;57235652100;	RTL to GDSII of Harvard Structure RISC Processor	2021	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and			1	10.1109/CONECCT52877.2021.9622735	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123360607&doi=10.1109%2fCONECCT52877.2021.9622735&partnerID=40&md5=205c5bd49d09a52c6854f5d6dfdfd9f0	Conference Paper
Anirnddh, M., Dinkar, A., Mouli, S.C., Sahana, B., Deshpande, A.A.	57424529600;57268899200;57215123225;57211220487;57202899762;	Comparison of Containerization and Virtualization in Cloud Architectures	2021	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and			1	10.1109/CONECCT52877.2021.9622668	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123350985&doi=10.1109%2fCONECCT52877.2021.9622668&partnerID=40&md5=559ddbc4d4b41d3bc7bef2203f0f4df0	Conference Paper

Naik, U.P., Rajesh, V., Rohith Kumar, R., Mohana	57330747700;57331123800;57425193700;57113679700;	Implementation of YOLOv4 Algorithm for Multiple Object Detection in Image and Video Dataset using Deep Learning and Artificial Intelligence for Urban Traffic Video Surveillance Application	2021	2021 4th International Conference on Electrical, Computer and Communication Technologies, ICECCT			11	10.1109/ICECCT52121.2021.9616625	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123218049&doi=10.1109%2fICECCT52121.2021.9616625&partnerID=40&md5=534ada62a2788b764378e97c9fa0913b	Conference Paper
Harikrishnakumar, R., Borujeni, S.E., Ahmad, S.F., Nannapaneni, S.	57215428486;57215606364;57209916607;56470632000;	Rebalancing Bike Sharing Systems under Uncertainty using Quantum Bayesian Networks	2021	Proceedings - 2021 IEEE International Conference on Quantum Computing and Engineering, QCE 2021			4	10.1109/QCE52317.2021.00078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123207690&doi=10.1109%2fQCE52317.2021.00078&partnerID=40&md5=1e63cadf5e334ad47fb3776e332cfa76	Conference Paper
Sunil, A., Sheth, M.H., Shreyas, E., Mohana	57331380300;57330896400;57330767700;57113679700;	Usual and Unusual Human Activity Recognition in Video using Deep Learning and Artificial Intelligence for Security Applications	2021	2021 4th International Conference on Electrical, Computer and Communication Technologies, ICECCT			12	10.1109/ICECCT52121.2021.9616791	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123163065&doi=10.1109%2fICECCT52121.2021.9616791&partnerID=40&md5=c233ffb9565d306d1d7e610431a7043c	Conference Paper

Mohana, Shariff, D.M., Abhishek, H., Akash, D.	57113679700;57425555200;57214838696;57201859233;	Artificial (or) Fake Human Face Generator using Generative Adversarial Network (GAN) Machine Learning Model	2021	2021 4th International Conference on Electrical, Computer and Communication Technologies, ICECCT			5	10.1109/ICECCT52121.2021.9616779	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123161579&doi=10.1109%2fICECCT52121.2021.9616779&partnerID=40&md5=093a0e51c7f13c072ad15656a34ac7d1	Conference Paper
Roopa, J., Geetha, K.S., Satyanarayana, B.S.	57113594600;55813220500;14421886700;	Fabrication of polymer based flexible sensors for EoG and EMG Applications	2021	Materials Today: Proceedings	48		4	10.1016/j.matpr.2021.09.129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122986240&doi=10.1016%2fj.matpr.2021.09.129&partnerID=40&md5=8240d2a43aae140e4cf15d776a27e945	Conference Paper
Roopa, J., Swathi, H., Geetha, K.S., Satyanaryana, B.S.	57113594600;57207206649;55813220500;57415687400;	Modeling and simulation of triboelectric nanogenerator for energy harvesting using COMSOL Multiphysics- and optimization on thickness of flexible polymer	2021	Materials Today: Proceedings	48		8	10.1016/j.matpr.2021.10.128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122976471&doi=10.1016%2fj.matpr.2021.10.128&partnerID=40&md5=7706b15358ba423a4d12d638d4dfd9d1	Conference Paper

Padmavathi, P., Setlur, A.S., Chandrashekar, K., Niranjan, V.	57408377400;57193269169;57408377500;66032346556;	A comprehensive in-silico computational analysis of twenty cancer exome datasets and identification of associated somatic variants reveals potential molecular markers for detection of varied cancer types	2021	Informatics in Medicine Unlocked	26		5	10.1016/j.imu.2021.100762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122676913&doi=10.1016%2fj.imu.2021.100762&partnerID=40&md5=d899efc1d9831dd3d2df128fe05f7e9b	Article
Niranjan, D.R., Vinaykarthik, B.C., Mohana	57211587024;57420208800;57113679700;	Deep Learning based Object Detection Model for Autonomous Driving Research using CARLA Simulator	2021	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021			21	10.1109/ICOSEC51865.2021.9591747	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122117566&doi=10.1109%2fICOSEC51865.2021.9591747&partnerID=40&md5=41f2c953192ee5292e6d7fbc606b41cf	Conference Paper
Jadhav, B., Ramanand, R.	57393015000;57393618100;	Vulnerability Assessment of Steel Structures with Plan Irregularities Subjected to Fire	2021	Advances in Science and Technology Research Journal	15	4		10.12913/22998624/142739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122107709&doi=10.12913%2f22998624%2f142739&partnerID=40&md5=8ae80e1b72ab30406cfd013807c02584	Article

Premananda, B.S., Managoli, S.H., Nikhil, K.J.	37091407700;57214806662;57221648647;	Area and Energy Opimized QCA Based Shuffle-Exchange Network with Multicast and Broadcast Configuration	2021	Advances in Electrical and Electronic Engineering	19	4	1	10.15598/aeee.v19i4.4280	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122063425&doi=10.15598%2faeee.v19i4.4280&partnerID=40&md5=0156ac37bfc7be53aa9c9d930dc4690b	Article
Gu, H., Guo, Z., Naik, N., Shetty, D.K., Hameed, B.M.Z., Chakraborty, U.K., Paul, R., Vanahalli, M.K., Srivastava, D.K., Gupta, A., Singla, B., Kumar, S., Aaydee, N., Liu, C., Hao, Q., Zhang, H., Patil, S., John, B., Karuppanan, S., Sun, L., Le, T.Q., Gurunathan,	36070475400;14028204000;57205319450;55578389700;57213811630;55398810100;57193679977;57194006513;57226479316;57208468543;57210700545;57209548138;57390912600;831900070 0;35111110000;5	Frontiers of Advanced Sciences and Technologies: Results, Challenges and Perspectives	2021	Engineered Science	16			10.30919/es8e557	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121972495&doi=10.30919%2fes8e557&partnerID=40&md5=67bf2ed95c0e9288b4c1eb152a40ef43	Editorial
Swamy, S.R., Lupaş, A.A., Wanas, A.K., Nirmala, J.	13405020400;37009764600;55804029400;57219482664;	Applications of Borel Distribution for a New Family of Bi-Univalent Functions Defined by Horadam Polynomials	2021	WSEAS Transactions on Mathematics	20		2	10.37394/23206.2021.20.67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121906545&doi=10.37394%2f23206.2021.20.67&partnerID=40&md5=8317304d155a9b9771b44bc51c82a1b6	Article

Bhadauria, A.S., Bain, A., Shetty, J., Shobha, G., Chala, A., Clements, J.	57373313400;57373852600;55994536900;14829661100;57193408394;57373675400;	Design and Implementation of HSQL: A SQL-like language for Data Analysis in Distributed Systems	2021	International Journal of Advanced Computer Science and Applications	12	11		10.14569/IJACSA.2021.0121190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121242075&doi=10.14569%2fIJACSA.2021.0121190&partnerID=40&md5=80f2e0f2294d22243a4b560216495452	Article
Rajeev, R., Marathe, S.D., Niranjan, V., Sharma, B., Sarojini, S.	57219371304;57369431600;660323465 6;57220912954;9037376600;	In silico Analysis of Stigmasterol from Saraca asoca as a Potential Therapeutic Drug Against Alzheimer's Disease	2021	Journal of Biologically Active Products from Nature	11	5-6	3	10.1080/22311866.2021.1970021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121004508&doi=10.1080%2f22311866.2021.1970021&partnerID=40&md5=42986e5a4e77352e7899e3725cc6c4a7	Article
Kulkarni, P., K, C.N.	57221596716;57347119500;	Personally Identifiable Information (PII) Detection in the Unstructured Large Text Corpus using Natural Language Processing and Unsupervised Learning Technique	2021	International Journal of Advanced Computer Science and Applications	12	9	5	10.14569/IJACSA.2021.0120957	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119439342&doi=10.14569%2fIJACSA.2021.0120957&partnerID=40&md5=785e62d27084a1bb4ee5bca2b15229ac	Article

Herle, H., Padmaja, K.V.	57221105969;36055815400;	Machine Learning Based Techniques for Detection of Renal Calculi in Ultrasound Images	2021	Communications in Computer and Information Science	1440 CCIS		1	10.1007/978-3-030-81462-5_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119013565&doi=10.1007%2f978-3-030-81462-5_41&partnerID=40&md5=a4b7b22c690095b98b581d4bad8085c0	Conference Paper
Frasin, B.A., Swamy, S.R., Aldawish, I.	9269603400;13405020400;56103523200;	A Comprehensive Family of Biunivalent Functions Defined by k -Fibonacci Numbers	2021	Journal of Function Spaces	2021		9	10.1155/2021/4249509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118931334&doi=10.1155%2f2021%2f4249509&partnerID=40&md5=5ffceeb19ef3001199409f02c0873f90	Article
Sahoo, B., Thejas, T.S., Politova, E.D., Panda, P.K.	57886766900;57315843800;70044791145;35562839700;	Effect of dopants on electrical properties of BCT-BZT lead free piezo ceramics: a review	2021	Ferroelectrics	582	1	3	10.1080/00150193.2021.1951034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118158684&doi=10.1080%2f00150193.2021.1951034&partnerID=40&md5=32d5daf014fd19b336c507b01f6f0cf3	Article

Suresh, S., Manjunath, M., Ravikumar, K., Hanumanthappa, M.	57217499111;55175425300;57289162400;36606066600;	A Comparative Performance Analysis of AOMDV and PAR Algorithms for Mobile Ad Hoc Networks	2021	Lecture Notes in Networks and Systems	215		1	10.1007/978-981-16-1941-0_58	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116614718&doi=10.1007%2f978-981-16-1941-0_58&partnerID=40&md5=823455983b3c55f77802603d11642a2b	Conference Paper
Alure, S., Ramavankateswaran, N., Buddi, R., Kumar, V.	57268869900;57268899000;57268814700;58592822100;	Clock Power Reduction Using NDR Routing	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_50	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115448578&doi=10.1007%2f978-981-16-0275-7_50&partnerID=40&md5=19724bfd3959c4b7010c25c1aab58ff3	Conference Paper
Abrar, M.A., Chavan, A.K.P.	57268784500;56405270200;	Design of Area Efficient Multiply Accumulator Unit in Quantom Dot Cellular Automata (QCA)	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_69	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115447974&doi=10.1007%2f978-981-16-0275-7_69&partnerID=40&md5=ba7e6a7e4e35f10bd28e963a2a8d00ca	Conference Paper

Pitliya, D., Palecha, N.	57268781100;55813823500;	Shared Buffer Crossbar Architecture for GPU-CPU	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_60	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115447646&doi=10.1007%2f978-981-16-0275-7_60&partnerID=40&md5=89c61327a59dad0081f69dda023db424	Conference Paper
Nagesh, K.A., Shilpa, D.R.	57268756800;56112828300;	Verification of SerDes Design Using UVM Methodology	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_49	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115447023&doi=10.1007%2f978-981-16-0275-7_49&partnerID=40&md5=2d5586f355bb3089f8f06a06b446c7f9	Conference Paper
Dinkar, A., Sahana, B.	57268899200;57211220487;	AES-Based Android Video Encryption and Decryption App	2021	Lecture Notes in Electrical Engineering	748		1	10.1007/978-981-16-0275-7_27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115445487&doi=10.1007%2f978-981-16-0275-7_27&partnerID=40&md5=7f61ae12cba9a1eaaf9572fcfdbf0c3f	Conference Paper

Patil, P., Sowmya, K.B.	57201348153;57211483117;	Retentive True Single Phase Clock 18T Flip-Flop with SVL Technique	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_48	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115444988&doi=10.1007%2f978-981-16-0275-7_48&partnerID=40&md5=db219558400f86e1babdffafe3b6a412	Conference Paper
Mutkekar, M., Govinda Raju, M.	57268787100;56862175000;	Defect Analysis in Memory Unit	2021	Lecture Notes in Electrical Engineering	748		1	10.1007/978-981-16-0275-7_44	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115444352&doi=10.1007%2f978-981-16-0275-7_44&partnerID=40&md5=1db3f6883c61aca72aa1cc82c1491540	Conference Paper
Ashish, B.P., Palecha, N.	57268700000;55813823500;	Adaptive Feedback Mechanism for Silicon Bug Detection	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_46	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115443430&doi=10.1007%2f978-981-16-0275-7_46&partnerID=40&md5=3ef1db73700926ed65d018bbb14fe60c	Conference Paper

Kowshik, S.A., Shridhar, S., Treleaven, N.C.W.	57221938962;57221929556;57195979448;	Towards reduced order models of small-scale acoustically significant components in gas turbine combustion chambers	2021	Proceedings of the ASME Turbo Expo	3B-2021			10.1115/GT2021-59601	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115443392&doi=10.1115%2fGT2021-59601&partnerID=40&md5=19f817b38195a4380382b9ef9380e4e0	Conference Paper
Madhura, G., Holla, R.	57268870000;57203958358;	UVM Based Design Verification of Interconnect Block	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_45	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115443126&doi=10.1007%2f978-981-16-0275-7_45&partnerID=40&md5=63de4da566f83e9cbcf1e21246ccf5f5	Conference Paper
Shylashree, N., Supritha, H.M.	56045640200;57268837200;	Design and Implementation of a Small Hand Held Camera Detector on FPGA	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115442969&doi=10.1007%2f978-981-16-0275-7_41&partnerID=40&md5=01673ba3dafd4c5d4f88a9d00fc01686	Conference Paper

Pandit, K.B., Karbari, S.R.	57268724700;57203020105;	Clock Domain Crossing—Design, Verification and Sign-Off	2021	Lecture Notes in Electrical Engineering	748		2	10.1007/978-981-16-0275-7_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115441627&doi=10.1007%2f978-981-16-0275-7_51&partnerID=40&md5=b001cf321b5202e609618017cfc2dd5b	Conference Paper
Bamashetti, S., Govil, H., Akkaraju, P.K., Karbari, S.R.	57268899600;57268786000;57268757400;57203020105;	Efficient Use of DDR Bandwidth and Space for Rendering 3D Graphics	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_47	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115441517&doi=10.1007%2f978-981-16-0275-7_47&partnerID=40&md5=d2a1a19cb3f95cc1078ab33cd4165d0b	Conference Paper
Jayanthi, P.N., Rachana, S., Ramya, M.	58322416000;57212464207;57511968800;	Linear Precoding Techniques for MIMO Systems	2021	Lecture Notes in Electrical Engineering	748			10.1007/978-981-16-0275-7_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115440737&doi=10.1007%2f978-981-16-0275-7_31&partnerID=40&md5=abb655b34b5fbee45ddb66c2728f92b1	Conference Paper

Agarwal, Y., Shilpa, D.R.	57222070846;56112828300;	Automotive Ethernet Physical Optimization and IEEE 1588 Implementation	2021	Lecture Notes in Electrical Engineering	748		3	10.1007/978-981-16-0275-7_40	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115440686&doi=10.1007%2f978-981-16-0275-7_40&partnerID=40&md5=8dbd3c19ab3a7071765ad0bce21b13ca	Conference Paper
Sriranga, B.K., Kirthan, L.J., Ananda, G.	57265264900;57188831223;57213153594;	The mechanical properties of hybrid laminates composites on epoxy resin with natural jute fiber and S-glass fibers	2021	Materials Today: Proceedings	46		9	10.1016/j.matpr.2021.05.363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115271873&doi=10.1016%2fj.matpr.2021.05.363&partnerID=40&md5=a743a2bdf0128139990ad653f3e9cbf9	Conference Paper
Thejas, G.S., Garg, R., Iyengar, S.S., Sunitha, N.R., Badrinath, P., Chennupati, S.	57204000682;57262861900;57204520228;16319876000;57216313650;57205310114;	Metric and Accuracy Ranked Feature Inclusion: Hybrids of Filter and Wrapper Feature Selection Approaches	2021	IEEE Access	9		15	10.1109/ACCESS.2021.3112169	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115196965&doi=10.1109%2fACCESS.2021.3112169&partnerID=40&md5=3db02159dd02a33ed549300cff6e4309	Article

Deshpande, R.R., Bhatt, M.R., Renu Madhavi, C.H.	57195319556;57195319048;57210109422;	Accuracy in Depth Recovery and 3D Image Synthesis from Single Image Using Multi-Color Filter Aperture and Shallow Depth of Field	2021	IEEE Access	9		3	10.1109/ACCESS.2021.3109865	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114751777&doi=10.1109%2fACCESS.2021.3109865&partnerID=40&md5=cc90f353bfe9d9c94fa7a84fcd5d8e74	Article
Vasudeva, G., Uma, B.V.	57222076667;55130921800;	Low Voltage Low Power And High Speed Opamp Design Using High-K Finfet Device	2021	WSEAS Transactions on Circuits and Systems	20		2	10.37394/23201.2021.20.11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114503475&doi=10.37394%2f23201.2021.20.11&partnerID=40&md5=bddac23ae1452c1932d6dcc7b0030058	Article
Vanishree, K., Nagaraja, G.S.	57222255051;66035530464;	Novel Secure Scheme for On-Field Sensors for Data Aggregation in Precision Agriculture	2021	Lecture Notes in Networks and Systems	230			10.1007/978-3-030-77442-4_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113390867&doi=10.1007%2f978-3-030-77442-4_37&partnerID=40&md5=bea76cea5bce42ab518c06127ebe86da	Conference Paper

Narasimha Murthy, M.A., Sangwan, K.S., Narahari, N.S.	57223849470;67013554395643656 9500;	Progression of EFQM and Deep-Dive into EFQM 2020	2021	Lecture Notes in Mechanical Engineering			1	10.1007/978-981-16-3033-0_26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113354954&doi=10.1007%2f978-981-16-3033-0_26&partnerID=40&md5=e26b99bac540dc3260bb592c2bf205f0	Conference Paper
Mithun, H.A., Krishna, M., Shrikanth, B.	57226865241;8142901200;5722331 5642;	Effect of bonded stepped and scarf repair on impact damaged glass fibre reinforced polymer composite properties	2021	International Journal of Materials Engineering Innovation	12	3		10.1504/IJMATEI.2021.116946	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113187505&doi=10.1504%2fIJMATEI.2021.116946&partnerID=40&md5=68979e0950edb276dce6a70d952ca59f	Article
Fadnavis, J., Kariyappa, B.S.	57226809699;35102416500;	PNR flow methodology for congestion optimization using different macro placement strategies of DDR memories	2021	International Journal of Advanced Technology and Engineering Exploration	8	80	3	10.19101/IJATEE.2021.874162	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112752530&doi=10.19101%2fIJATEE.2021.874162&partnerID=40&md5=f779a49378175fbda3e89db7a89deaa5	Article

Karbari, S.R., Mohanram, S., Sriniketh, S.S., Uttara Kumari, M., Shireesha, G.	57203020105;57226795867;57226790269;55340461500;57203014704;	Signal conditioning circuits for low vibration signals using an array of piezoelectric sensors	2021	Materials Today: Proceedings	46		2	10.1016/j.matpr.2021.03.213	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112695843&doi=10.1016%2fj.matpr.2021.03.213&partnerID=40&md5=922025201c8bc6153d70ff6c8716f020	Conference Paper
Noronha, N.P., Krishna, M.	57226736475;58594757100;	Aerodynamic performance comparison of airfoils suggested for small horizontal axis wind turbines	2021	Materials Today: Proceedings	46		5	10.1016/j.matpr.2021.01.359	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112573860&doi=10.1016%2fj.matpr.2021.01.359&partnerID=40&md5=0a70efe7cfc8f5b5efecf0a1f1690078	Conference Paper
Karbari, S.R., Uttara Kumari, M., Shireesha, G.	57203020105;55340461500;57203014704;	Modelling and optimization of PVDF based surface acoustic wave MEMS microphone	2021	Materials Today: Proceedings	46		2	10.1016/j.matpr.2021.03.589	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112559983&doi=10.1016%2fj.matpr.2021.03.589&partnerID=40&md5=c081e8f76ba86619e320ddf33f007242	Conference Paper

Kalyur, S., Nagaraja, G.S.	57193062159;660 3530464;	ASIF: An Internal Representation Suitable for Program Transformation and Parallel Conversion	2021	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineerin	383			10.1007/978-3-030-79276-3_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112282848&doi=10.1007%2f978-3-030-79276-3_12&partnerID=40&md5=7564390ae2eeb5545a39805929c90244	Conference Paper
Deshpande, R.R., Renu Madhavi, C., Bhatt, M.R.	57195319556;572 10109422;571953 19048;	3D Image Generation from Single Image Using Color Filtered Aperture and 2.1D Sketch-A Computational 3D Imaging System and Qualitative Analysis	2021	IEEE Access	9		3	10.1109/ACCESS .2021.3089938	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112052256&doi=10.1109%2fACCESS.2021.3089938&partnerID=40&md5=263ebf070d88488d2440703ad047941d	Article
Shenoy, N.R., Jatti, A.	57191247056;555 80963900;	Evaluation of performance metrics of thyroid segmentation by deep learning technique	2021	International Journal of Biology and Biomedical Engineering	15		1	10.46300/91011. 2021.15.35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111537114&doi=10.46300%2f91011.2021.15.35&partnerID=40&md5=b19cdc123c70250e5172ffea481d5efc	Article

Peddireddy, A., Sachin, B.S., Rohit, H.R., Premananda, B.S.	57226366815;57220023858;57216411620;37091407700;	Adaptive Beamforming Using LMS Algorithm for Planar Arrays and Subarrays	2021	Lecture Notes in Networks and Systems	202 LNNS			10.1007/978-981-16-0695-3_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111304447&doi=10.1007%2f978-981-16-0695-3_34&partnerID=40&md5=fbfa957f38c800106e8839152e1ee7dd	Conference Paper
Venu, K., Nagaraja, H.G., Kumar, D.L.K.	57226320490;70034576455720466 1746;	Ricci solitons and gradient Ricci solitons in a D-homothetically deformed K-contact manifold	2021	Balkan Journal of Geometry and its Applications	26	2			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111139156&partnerID=40&md5=09e7ee03b68113b01cf994928a550f82	Article
Shylashree, N., Vahvale, Y.D., Praveena, N., Mamatha, A.S.	56045640200;57226321324;56453234400;55005615000;	Design and implementation of 64-bit sram and cam on cadence and open-source environment	2021	International Journal of Circuits, Systems and Signal Processing	15		2	10.46300/9106.2021.15.65	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111089535&doi=10.46300%2f9106.2021.15.65&partnerID=40&md5=dc122354f5b2ad6b3cd1fe20f49ce6f4	Article

Subramaniam, H., Dhruthi, P., Devashish, Suchithra, V., Niranjan, V.	57359988800;57226276882;57226276803;57213190479;6603234656;	MutaCheck: A novel pipeline to check for single nucleotide polymorphism (SNP) and associated diseases in mitochondrial DNA	2021	Informatics in Medicine Unlocked	25			10.1016/j.imu.2021.100671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111015012&doi=10.1016%2fj.imu.2021.100671&partnerID=40&md5=18c28fdb899e08fb8d46444c2c083f80	Article
Swamy, S.R., Sailaja, Y.	13405020400;57225052103;	On the fekete-szegö coefficient functional for quasi-subordination class	2021	Palestine Journal of Mathematics	10	2	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110773359&partnerID=40&md5=93263d3ea6851155365e526f562fe35a	Article
Shambulinga, M., Sadashivappa, G.	57189238537;36024241200;	Hyperspectral Image Classification using Convolutional Neural Networks	2021	International Journal of Advanced Computer Science and Applications	12	6	5	10.14569/IJACSA.2021.0120682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109431664&doi=10.14569%2fIJACSA.2021.0120682&partnerID=40&md5=6bd9a4ea58fc8699fce6e7d17ad280d4	Article

Herle, H., Padmaja, K.V.	57221105969;36055815400;	Relative Merits of Data Mining Algorithms of Chronic Kidney Diseases	2021	International Journal of Advanced Computer Science and Applications	12	6	1	10.14569/IJACSA.2021.0120667	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109161154&doi=10.14569%2fIJACSA.2021.0120667&partnerID=40&md5=d9f923480ae0ae84ee4785a96ae306bc	Article
Nandyal, A.B., Rafi, M., Siddappa, M., Sathish, B.B.	57221648571;55961618700;15726835400;57225094798;	Improving Data Services of Mobile Cloud Storage with Support for Large Data Objects using OpenStack Swift	2021	International Journal of Advanced Computer Science and Applications	12	6	1	10.14569/IJACSA.2021.01206101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109133854&doi=10.14569%2fIJACSA.2021.01206101&partnerID=40&md5=bfe7c58cf7f129b54d52e49fc6dcf094	Article
Swamy, S.R., Nirmala, J., Sailaja, Y.	13405020400;57219482664;57225052103;	Some special families of holomorphic and al-oboudi type bi-univalent functions associated with (m, n)-lucas polynomials involving modified sigmoid activation function	2021	South East Asian Journal of Mathematics and Mathematical Sciences	17	1	4		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108990369&partnerID=40&md5=5a3c8efface2eaed80119f6f118d1a07	Article

Aayushii, G., Nagarjun, M.G., Sirurmath, S.U., Swamy, K.	57225011134;57225008729;57214795264;57204787579;	A Survey on Various Total Body Water Detection Techniques to Develop a Wearable Device	2021	Lecture Notes in Electrical Engineering	750			10.1007/978-981-16-0336-5_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108912433&doi=10.1007%2f978-981-16-0336-5_10&partnerID=40&md5=4681f719a9664c1f13e68f722164ecd9	Conference Paper
Chandrashekhar, P.K., Srivani, S.G.	57215598271;26422586800;	An Accelerating Power-Based Approach for Transient Stablity Assessment	2021	Lecture Notes in Electrical Engineering	750		1	10.1007/978-981-16-0336-5_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108909805&doi=10.1007%2f978-981-16-0336-5_37&partnerID=40&md5=e4e2437a32ab6e3a966d5d342e5b1012	Conference Paper
Jeppu, A.Y., Jeppu, Y.	57225009664;55900647400;	Learning Model-Based Safety-Critical System Engineering: The Fun Way	2021	Lecture Notes in Electrical Engineering	750			10.1007/978-981-16-0336-5_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108908066&doi=10.1007%2f978-981-16-0336-5_19&partnerID=40&md5=7c1872c7c869428383ba448e8c1e90bb	Conference Paper

Jasmine, K.S.	24476266900;	Non-functional Testing-Based Framework for Developing Reliable IoT Products	2021	Lecture Notes in Networks and Systems	201			10.1007/978-981-16-0666-3_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108446289&doi=10.1007%2f978-981-16-0666-3_9&partnerID=40&md5=c2a455a7b3ec087682b022c9cdd243b5	Conference Paper
Kathigi, A., Kariputtaiah, K.H.	57213123509;57224475238;	Segmentation of characters in a handwritten Kannada document	2021	International Journal of Sensors, Wireless Communications and Control	11	3		10.2174/2210327916661912271240 09	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107637739&doi=10.2174%2f2210327916661912271240 09&partnerID=40&md5=485bf5acdbe2428cbb5abce197501e80	Article
Sudhan, A.T., Paramesh, G., Ranjani, G.	57224359328;57224364863;57189234085;	Automation and Integration of SSI Test Cases for Abis and A-Interface in GSM Using Robot Framework	2021	Lecture Notes on Data Engineering and Communications Technologies	58			10.1007/978-981-15-9647-6_65	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107456179&doi=10.1007%2f978-981-15-9647-6_65&partnerID=40&md5=8e1c474bc91becf4aae90b5b2f1c3204	Book Chapter

Biswas, A., Jain, A., Mohana	57209985991;57209886353;57113679700;	Survey on Edge Computing–Key Technology in Retail Industry	2021	Lecture Notes on Data Engineering and Communications Technologies	58		17	10.1007/978-981-15-9647-6_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107423075&doi=10.1007%2f978-981-15-9647-6_7&partnerID=40&md5=fd283ab3f562ce191358ecb017a983b0	Book Chapter
Rizvi, S.G., Mamatha, G.S.	57224350899;35146519000;	Automated Continuous Integration (ACI) Scheme Based on Jenkins	2021	Lecture Notes on Data Engineering and Communications Technologies	58			10.1007/978-981-15-9647-6_72	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107410506&doi=10.1007%2f978-981-15-9647-6_72&partnerID=40&md5=eeb2c5a638117512489a0d94a01bb8ab	Book Chapter
Sivagnanapalani, P., Ansari, N.I., Panda, P.K.	54882375300;57224198343;35562839700;	Nd2Ti2O7 (NTO) with high curie temperature (TC) for high temperature sensor applications	2021	Sensors International	2		9	10.1016/j.sintl.2021.100093	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107230062&doi=10.1016%2fj.sintl.2021.100093&partnerID=40&md5=937f816308bded5285eba3b2c773e04c	Article

Sitaram, N., Sreekanth, R., Kalwan, M.K., Gajanan Tatpatti, C.	7004587908;57224131171;57224129494;57224127636;	High-temperature Calibration Facility for Calibrating Multihole Pressure Probes	2021	Journal of The Institution of Engineers (India): Series C				10.1007/s40032-021-00699-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107034506&doi=10.1007%2fs40032-021-00699-3&partnerID=40&md5=0b7ae5cf311b28c03ecdedacddcdf225	Article
Vinay, Y.N., Srinivas, K., Renuka Devi, M.V., Basutkar, S.M.	57223904092;57226755625;20434504800;57205650170;	Analysis of Interlocking Block Masonry	2021	Lecture Notes in Civil Engineering	143 LNCE			10.1007/978-981-33-6969-6_55	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106450557&doi=10.1007%2f978-981-33-6969-6_55&partnerID=40&md5=08a870eb95b0b788d40d3d6fd134729e	Conference Paper
Vinayak, M., Nitish, M., Siddarth Gowda, H.M., Basutkar, S.M., Madhavi, K., Renuka Devi, M.V.	57223915650;57223904795;57223912393;57205650170;57222635529;20434504800;	Studies on Properties of Compressed Mud Blocks	2021	Lecture Notes in Civil Engineering	143 LNCE		1	10.1007/978-981-33-6969-6_56	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106435935&doi=10.1007%2f978-981-33-6969-6_56&partnerID=40&md5=671a0bc7499391cfa6e9dd51e0f5ccac	Conference Paper

Madhavi, K., Renuka Devi, M.V., Jagadish, K.S., Basutkar, S.M.	57222635529;20434504800;67014577776;57205650170;	Shear Bond Strength of Brick Masonry	2021	Lecture Notes in Civil Engineering	143 LNCE			10.1007/978-981-33-6969-6_50	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106429983&doi=10.1007%2f978-981-33-6969-6_50&partnerID=40&md5=1f53f8456ecf42db7942e8efdf5a77bb	Conference Paper
Govardhan, L., Basutkar, S.M., Madhavi, K., Renuka Devi, M.V.	57223915041;57205650170;57222635529;20434504800;	Studies on Influence of Variation in Joint Thickness on Strength of Masonry with the Emphasis in Bond Characteristics	2021	Lecture Notes in Civil Engineering	143 LNCE			10.1007/978-981-33-6969-6_58	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106414470&doi=10.1007%2f978-981-33-6969-6_58&partnerID=40&md5=2df05b14b9da5c8e0eadd2bc50c4e472	Conference Paper
Pooran, H.M., Renuka Devi, M.V., Basutkar, S.M.	57223906077;20434504800;57205650170;	Investigation on Behaviour of Alternate Roofing System Using Arch Panels	2021	Lecture Notes in Civil Engineering	143 LNCE			10.1007/978-981-33-6969-6_54	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106403927&doi=10.1007%2f978-981-33-6969-6_54&partnerID=40&md5=2e38b5c53ab488d29b536590aaf553d9	Conference Paper

Karthik, A., Shetty, J., Shobha, G., Dev, R.	57223815610;55994536900;14829661100;57216314604;	Implementation of generative adversarial networks in hpcc systems using gnn bundle	2021	IAES International Journal of Artificial Intelligence	10	2	2	10.11591/ijai.v10.i2.pp374-381	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106196936&doi=10.11591%2fijai.v10.i2.pp374-381&partnerID=40&md5=9f33e1cd65c77b967df5dd687d7672a7	Article
Sneha, M., Kataoka, K., Shobha, G.	56538461000;56393786300;14829661100;	BO-RL: Buffer Optimization in Data Plane Using Reinforcement Learning	2021	Lecture Notes in Networks and Systems	225 LNNS			10.1007/978-3-030-75100-5_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105939030&doi=10.1007%2f978-3-030-75100-5_31&partnerID=40&md5=439ebf10c2840453867598feb8c2e191	Conference Paper
Praveen Kumar, K., Radhakrishna, Ramesh, P.S., Chethan Kumar, S.	56237227800;35771473600;57194911870;57223608035;	Properties of Sustainable Concrete with Processed Slag Sand	2021	Lecture Notes in Civil Engineering	124 LNCE		1	10.1007/978-981-33-4590-4_76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105926767&doi=10.1007%2f978-981-33-4590-4_76&partnerID=40&md5=da2ad0a53a1d56bcc6e7c531dc2e7a6c	Conference Paper

Manjula Gururaj Rao, H., Nagaraja, G.S.	57973745600;6603530464;	Data Analytics Based Multimodal System for Fracture Identification and Verification in CBIR Domain	2021	Smart Innovation, Systems and Technologies	213 SIST		3	10.1007/978-981-33-4443-3_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104764934&doi=10.1007%2f978-981-33-4443-3_52&partnerID=40&md5=91eca75c586f495392048b1df2c49c07	Conference Paper
Jeevitha, A., Vasudeva Banninthaya, K., Srikanth, G.S.	57225265649;57204617766;57223087628;	Design and Implementation of Smart Charging for LMV	2021	Smart Innovation, Systems and Technologies	213 SIST		1	10.1007/978-981-33-4443-3_57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104759726&doi=10.1007%2f978-981-33-4443-3_57&partnerID=40&md5=07983afbccd6f11a4f9664ce5057dd7a	Conference Paper
Nikitha, A.P., Basha, M.M.J., Vijayakumar, M.N., Archana, M.S.	57223088746;57223089569;57196644006;57201226837;	Efficient Utilization of Home Energy During Pandemic—A Case Study	2021	Smart Innovation, Systems and Technologies	213 SIST		2	10.1007/978-981-33-4443-3_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104687982&doi=10.1007%2f978-981-33-4443-3_51&partnerID=40&md5=7e8fbabe22f4d6532e11c48037741da1	Conference Paper

Kalyur, S., Nagaraja, G.S.	57193062159;6603530464;	Inherent parallelism and speedup estimation of sequential programs	2021	Annals of Emerging Technologies in Computing	5	2		10.33166/AETiC.2021.02.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104170988&doi=10.33166%2fAETiC.2021.02.006&partnerID=40&md5=430a8ec88bcadb7a1f64ffd498457676	Article
Deepika, K., Usha, J.	57189236004;55941122900;	Automation of smart monitoring for person localisation and alerting network	2021	International Journal of Information Technology and Management	20	1-2		10.1504/IJITM.2021.114160	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104064377&doi=10.1504%2fIJITM.2021.114160&partnerID=40&md5=5a137e63788072a3947391a261a3a81b	Article
Prasanna, A., Niranjan, V.	57189853975;6603234656;	Clin-mngs: Automated pipeline for pathogen detection from clinical metagenomic data	2021	Current Bioinformatics	16	2		10.2174/1574893615999200608130029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103419406&doi=10.2174%2f1574893615999200608130029&partnerID=40&md5=1ebaee9f82b25e785a5321cfce639684	Article

C.R, A., Murali, S., Haq, M.A., Narahari, N.S.	57209261626;57222592986;57224693862;56436569500;	Design and evaluation of exoskeleton for static conditions using Indian anthropometric considerations	2021	Journal of Engineering, Design and Technology			1	10.1108/JEDT-08-2020-0348	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103358467&doi=10.1108%2fJEDT-08-2020-0348&partnerID=40&md5=a2be297ec0739272e6d6a646ab5f042a	Article
Yatish, H.R., Phal, S.M., Hukkeri, T.S., Xu, L., Shobha, G., Shetty, J., Chala, A.	57214221695;57214218504;57214225747;57751527100;14829661100;55994536900;57193408394;	Massively scalable density based clustering (Dbscan) on the hpcc systems big data platform	2021	IAES International Journal of Artificial Intelligence	10	1	7	10.11591/ijai.v10.i1.pp207-214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103135577&doi=10.11591%2fijai.v10.i1.pp207-214&partnerID=40&md5=5c4ab71c07426c311542d4e7254f7687	Article
Balaji, V., Sadashivappa, G.	57209454941;36024241200;	Analysis of Unintelligible Speech for MLLR and MAP-Based Speaker Adaptation	2021	Communications in Computer and Information Science	1365			10.1007/978-981-16-0425-6_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102522134&doi=10.1007%2f978-981-16-0425-6_8&partnerID=40&md5=ef4c46d0baee7ed6cddd6a90d8e8e506	Conference Paper

Chandu, S.S.S., Kanodia, P., Sunitha, R., Sreedevi, A.	57222369368;57222367933;57211137476;35173705900;	Comprehending the Dynamics of EEG Generated Under Various Odorant Stimulation on the Brain	2021	Communications in Computer and Information Science	1365		1	10.1007/978-981-16-0425-6_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102492254&doi=10.1007%2f978-981-16-0425-6_20&partnerID=40&md5=9dc6253dc619256503374880e7ff9399	Conference Paper
Vanishree, K., Nagaraja, G.S.	57222255051;66035530464;	Emerging Line of Research Approach in Precision Agriculture: An Insight Study	2021	International Journal of Advanced Computer Science and Applications	12	2	3	10.14569/IJACSA.2021.0120239	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102042206&doi=10.14569%2fIJACSA.2021.0120239&partnerID=40&md5=a26d09148d3785c14de6fc82603dee9b	Article
Vaikund, H., Srivani, S.G.	57222090173;26422586800;	Trends in Energy Management System for Smart Microgrid—An Overview	2021	Lecture Notes in Electrical Engineering	703		3	10.1007/978-981-15-8391-9_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101365082&doi=10.1007%2f978-981-15-8391-9_2&partnerID=40&md5=054d12eb0d98c08e8a627afce3490579	Conference Paper

Agarwal, Y., Nethravathi, K.A.	57222070846;57201944115;	Emerging Trends in Internet of Things	2021	Lecture Notes in Mechanical Engineering			2	10.1007/978-981-15-8542-5_67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101255261&doi=10.1007%2f978-981-15-8542-5_67&partnerID=40&md5=245cf8f12313125a7ab556b1f1f99594	Conference Paper
Vasudeva, G., Uma, B.V.	57222076667;55130921800;	22nm finfet based high gain wide band differential amplifier	2021	International Journal of Circuits, Systems and Signal Processing	15		1	10.46300/9106.2021.15.7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101242770&doi=10.46300%2f9106.2021.15.7&partnerID=40&md5=a4a338d7548869022264a8cdcdf1a233	Article
Sowmya, K.B., Maitri, M., Nagaraj, K.V.	57211483117;57222054542;57200284206;	Face Aging Through Uniqueness Conserving by cGAN with Separable Convolution	2021	Lecture Notes on Data Engineering and Communications Technologies	55		2	10.1007/978-981-15-8677-4_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101159386&doi=10.1007%2f978-981-15-8677-4_6&partnerID=40&md5=529d627353d8f24d2c144c3d9a045f8a	Book Chapter

Sadhana, B., Sahana, B., Deepthi, E., Pooja, K., Gayathri, Prajna	57188554808;57211220487;57222054203;57559882800;57073823300;56825964100;	Retinal image diabetic detection using multilayer perceptron classifier	2021	Lecture Notes on Data Engineering and Communications Technologies	59		2	10.1007/978-981-15-9651-3_49	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101157700&doi=10.1007%2f978-981-15-9651-3_49&partnerID=40&md5=60e7c1774b83b474a02a842d00c892a0	Book Chapter
Jyothi, R., Sumitgupta, Rao, K.U., Jayapal, R.	57218693242;57213148323;55792251700;57191804655;	IoT application for real-time condition monitoring of voltage source inverter driven induction motor	2021	Lecture Notes on Data Engineering and Communications Technologies	59		2	10.1007/978-981-15-9651-3_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101140650&doi=10.1007%2f978-981-15-9651-3_8&partnerID=40&md5=cc925574a225dc3dcfffd318a319bc85	Book Chapter
Sowmya, K.B., Rahul Raj, D.N., Shetty, S.K.	57211483117;57222037551;57222050883;	Error Correction Technique Using Convolution Encoder with Viterbi Decoder	2021	Lecture Notes on Data Engineering and Communications Technologies	55		1	10.1007/978-981-15-8677-4_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101128141&doi=10.1007%2f978-981-15-8677-4_20&partnerID=40&md5=a0111df2c79dbfaeab425aa60ed7a399	Book Chapter

Bhagyashree, A.J., Bhagya, R.	37116511900;57200210743;	Performance Analysis of Channel Estimation Techniques for High-Speed Railway Networks	2021	Lecture Notes on Data Engineering and Communications Technologies	55			10.1007/978-981-15-8677-4_48	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101109894&doi=10.1007%2f978-981-15-8677-4_48&partnerID=40&md5=07b4e757afeff339cdb800ae1e3d5e90	Book Chapter
Priya, D., Mamatha, G.S.	57189353112;35146519000;	Early screening framework to detect keratoconus using artificial intelligence techniques: An extensive review	2021	Lecture Notes on Data Engineering and Communications Technologies	59			10.1007/978-981-15-9651-3_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101091132&doi=10.1007%2f978-981-15-9651-3_17&partnerID=40&md5=2193acd513a9a01c12a2b716d423bb79	Book Chapter
Babajiyavar, T.G., Bhagya, R., Kumar, A.	57222049794;57200210743;57222042417;	Implementation and Analysis of Dynamic Spectrum Sharing for Different Radio Access Technologies	2021	Lecture Notes on Data Engineering and Communications Technologies	55			10.1007/978-981-15-8677-4_46	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101074932&doi=10.1007%2f978-981-15-8677-4_46&partnerID=40&md5=2b788d9d5115b0a22aeb6dcb8c6b76a2	Book Chapter

Resma, K.S., Sharvani, G.S., Somula, R.	57216628924;35293488200;57201195237;	Optimization of cloud load balancing using fitness function and duopoly theory	2021	International Journal of Intelligent Computing and Cybernetics	14	2	1	10.1108/IJICC-11-2020-0176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100964170&doi=10.1108%2fIJICC-11-2020-0176&partnerID=40&md5=cb1b47a772fa3f1a8d9d232169c0a90d	Article
Promio Charles, F., Deeksha, K., Sathvik, K., Rohith, V., Manasa, H.R.	57209640820;57221688436;57216313145;57221814860;57221817091;	Smart actuators based transient response analysis	2021	AIAA Scitech 2021 Forum					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100307876&partnerID=40&md5=4c65542740fcd8af085dc00a7dc78258	Conference Paper
Sujatha, A., Govindaraju, L., Shivakumar, N., Devaraj, V.	57441616100;650836878 6;55789385800;57219180893;	Fuzzy knowledge based system for suitability of soils in airfield applications	2021	Civil Engineering Journal (Iran)	7	1	12	10.28991/cej-2021-03091643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100077561&doi=10.28991%2fcej-2021-03091643&partnerID=40&md5=bb68f3e7633b988920a3e83dec7dfa59	Article

Kedia, R., Deeksha, K., Madhu, S.	57214794354;57221688436;57208632034;	Computational analysis on de laval dual throat micronozzle	2021	AIAA Scitech 2021 Forum			1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099811378&partnerID=40&md5=e4256b0200fc2d7a32fac6a34a3aff94	Conference Paper
Tatpatti, G., Sitaram, N., Viswanath, K.	56578633200;57004587908;57197196115;	Computational and Experimental Investigations of Separation Control of LP Turbine Cascade Blades using Gurney Flaps	2021	Journal of Applied Fluid Mechanics	14	3	3	10.47176/JAFM.14.03.31857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098588950&doi=10.47176%2fJAFM.14.03.31857&partnerID=40&md5=d0e6af6292cd6e837a2c4f152ceeade6	Article
Rohit, B., Reddy, S.S.R., Ghosh, S., Shakil, M.A.S.	57194344077;57221101236;57195930988;57221092832;	Computations of Flow past the Corrugated Airfoil of Drosophila Melanogaster at Ultra Low Reynolds Number	2021	Journal of Applied Fluid Mechanics	14	2	1	10.47176/jafm.14.02.31386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098179857&doi=10.47176%2fjafm.14.02.31386&partnerID=40&md5=4b58a89669f27ec023b47939ebb7f6f1	Article

Karanth, S., Murthy S, R.	57221082576;57200943373;	Augmented Reality in Visual Learning	2021	Lecture Notes in Networks and Systems	154		2	10.1007/978-981-15-8354-4_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098156305&doi=10.1007%2f978-981-15-8354-4_24&partnerID=40&md5=71d175a1292c96c3f1c72719da7adb8b	Conference Paper
Sowmya, K.B., Jamakhandi, D., Alex Mathew, J.	57211483117;57205491465;57220209446;	Proficient Discrete Wavelet Transform Using Distributed Arithmetic Architecture on FPGA	2021	Lecture Notes in Electrical Engineering	692			10.1007/978-981-15-7486-3_49	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097286388&doi=10.1007%2f978-981-15-7486-3_49&partnerID=40&md5=f04ed8dacc3b7de4a1a9cab3728f586e	Conference Paper
Karbari, S.R., Singhal, R., Uttara Kumari, M., Shireesha, G.	57203020105;57220203149;55340461500;57203014704;	Effect of Ultrasonication and Centrifugation on the Pore Size of PVDF/CNT Nanocomposites	2021	Lecture Notes in Electrical Engineering	692			10.1007/978-981-15-7486-3_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097277734&doi=10.1007%2f978-981-15-7486-3_43&partnerID=40&md5=d36d41921d2af636f30140b94da7be74	Conference Paper

Karbari, S.R., Jain, S., Gaur, S., Uttara Kumari, M., Shireesha, G.	57203020105;57220209091;57209969149;55340461500;57203014704;	Optimization, Design and Analysis of a MEMS Microphone with PVDF as a Structural Layer for Cochlear Implant Applications	2021	Lecture Notes in Electrical Engineering	692		1	10.1007/978-981-15-7486-3_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097277516&doi=10.1007%2f978-981-15-7486-3_37&partnerID=40&md5=4201382ad1c2bf5aee727cb09ceb5f48	Conference Paper
Deepak, N.A., Shobha, N.S.	57189069090;57224236191;	Analysis of learner's behavior using latent dirichlet allocation in online learning environment	2021	Advances in Intelligent Systems and Computing	1257		1	10.1007/978-981-15-7907-3_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097246623&doi=10.1007%2f978-981-15-7907-3_18&partnerID=40&md5=3a4a2b672267a872c95c04aa80669c13	Conference Paper
Rao, V., G. B, S., Guntnur, S., N, N.P., Reddy, S., K. R, P.	58727265600;57220011701;57220006892;57219490588;57218830371;57220006597;	Using Natural Language Processing to Translate Plain Text into Pythonic Syntax in Kannada	2021	Advances in Intelligent Systems and Computing	1288			10.1007/978-3-030-63128-4_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096491660&doi=10.1007%2f978-3-030-63128-4_51&partnerID=40&md5=e730f21635d54b740d69473acdc757a7	Conference Paper

Srivani, S.G., Suresha, C., Theertha, K.N.S.V., Chandan, D.	26422586800;57215544610;57220010138;57220003639;	Adaptive Protection Scheme for Renewable Integrated Microgrid—A Case Study	2021	Smart Innovation, Systems and Technologies	195			10.1007/978-981-15-7078-0_53	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096471028&doi=10.1007%2f978-981-15-7078-0_53&partnerID=40&md5=cedc82f7c42e3b2ed6fd0dc8522a96a9	Conference Paper
Melavanki, R., Sharma, K., Muttannavar, V.T., Kusanur, R., Katagi, K., Patra, S.M., Umapathy, S., Sadasivuni, K.K., Shelar, V.M., Singh, D., Patil, N.R., Koppal, V.V.	23061607900;57201998937;57201996958;650772790 4;23060912100;7007045200;56653794300;55580074800;55793776200;57214416573;35366935700;55444679900;	Quantum chemical computations, fluorescence spectral features and molecular docking of two biologically active heterocyclic class of compounds	2021	Journal of Photochemistry and Photobiology A: Chemistry	404		7	10.1016/j.jphotochem.2020.112956	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094569660&doi=10.1016%2fj.jphotochem.2020.112956&partnerID=40&md5=f94f99a70f2336381b23c7f077941afa	Article
Tijare, V., Nagaraj, S., Pandya, M., Wang, J.	56077634900;35366727200;57219554953;56457779600;	Computational Fluid Dynamics Study of Oil Lubrication in Ball and Roller Bearings	2021	Lecture Notes in Mechanical Engineering			2	10.1007/978-981-15-5701-9_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093832688&doi=10.1007%2f978-981-15-5701-9_21&partnerID=40&md5=a953295029f0c3fbc9140969815553b4	Conference Paper

Resma, K.S., Sharvani, G.S., Soneja, M.S.	57216628924;35293488200;57219488017;	Cloud Virtualized Middlebox: An IDS	2021	Lecture Notes in Networks and Systems	134			10.1007/978-981-15-5397-4_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093115511&doi=10.1007%2f978-981-15-5397-4_34&partnerID=40&md5=3ec48f3d00be02ae2ddc756404286296	Conference Paper
Hagaragi, M., Mohan Kumar, M., Sharma, R.S.	57219454753;57211626219;55348178700;	Estimation of Residual Life and Failure Mechanism of Cracked Aircraft Wing Skin	2021	Lecture Notes in Mechanical Engineering				10.1007/978-981-15-4779-9_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092789862&doi=10.1007%2f978-981-15-4779-9_33&partnerID=40&md5=45038acb0d4901ff312d3a493149f235	Conference Paper
Kattimani, M.A., Venkatesh, P.R., Kirthan, L.J.	57219448251;70055593511;57188831223;	Functionally Graded Material for Aircraft Turbine Disc on Fatigue Failure—An Overview	2021	Lecture Notes in Mechanical Engineering				10.1007/978-981-15-4779-9_28	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092776394&doi=10.1007%2f978-981-15-4779-9_28&partnerID=40&md5=ce0fd2617596f13b39155933e04bfe9c	Conference Paper

Kalyur, S., Nagaraja, G.S.	57193062159;66033530464;	Evaluation of Graph Algorithms for Mapping Tasks to Processors	2021	EAI/Springer Innovations in Communication and Computing			3	10.1007/978-3-030-47560-4_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092727449&doi=10.1007%2f978-3-030-47560-4_33&partnerID=40&md5=7f3db81b97ab6ea8087302c61dbd57a4	Conference Paper
Kalyur, S., Nagaraja, G.S.	57193062159;66033530464;	Efficient Graph Algorithms for Mapping Tasks to Processors	2021	EAI/Springer Innovations in Communication and Computing			1	10.1007/978-3-030-47560-4_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092710277&doi=10.1007%2f978-3-030-47560-4_35&partnerID=40&md5=1ebe413eaa2c8656b2649c2192bad542	Conference Paper
Shivaswamy, M., Ravikumar, A.S., Shivakumar, B.L.	57214686967;42762015600;57405900400;	Crop suitability analysis for kabini command area using rs and gis techniques—a multi-criteria approach	2021		99		1	10.1007/978-981-15-6828-2_53	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092148645&doi=10.1007%2f978-981-15-6828-2_53&partnerID=40&md5=9c20025f292036705fd44316d6169ed3	Conference Paper

Shylashree, N., Thonse, A., Madhavan, A., Sangeetha, B.G.	56045640200;57208745238;57219294304;55250365000;	Electrical Characterization of Sb2Se3 for Memory Applications	2021	Lecture Notes in Electrical Engineering	673			10.1007/978-981-15-5546-6_68	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092102503&doi=10.1007%2f978-981-15-5546-6_68&partnerID=40&md5=55e5560181368466e1d827fa29133f04	Conference Paper
Lakshitha Karthik, N., Gowda, S.S., RudraSwamy, S.B., Sagar, B.M.	57219294267;57219295081;35224004400;57193071793;	Automatic network scanning system for monitoring 4g and 5g network elements	2021	Lecture Notes in Networks and Systems	145			10.1007/978-981-15-7345-3_75	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092096646&doi=10.1007%2f978-981-15-7345-3_75&partnerID=40&md5=724cd4fd95e76629e4f821b39a621683	Conference Paper
Anupama, H.S., Jain, R.V., Venkatesh, R., Cauvery, N.K., Lingaraju, G.M.	56538607800;57194179924;57225691411;35291528300;55175016900;	HMM Classifier Object Recognizing System in Brain–Computer Interface	2021	Advances in Intelligent Systems and Computing	1176			10.1007/978-981-15-5788-0_28	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091342631&doi=10.1007%2f978-981-15-5788-0_28&partnerID=40&md5=d8c9def510ad8233d847ced2c73eb2df	Conference Paper

Ojashwini, R.N., Gangadhar Reddy, R., Rani, R.N., Pruthvija, B.	57215743858;57195475504;58585983000;57215744371;	Edge detection canny algorithm using adaptive threshold technique	2021	Advances in Intelligent Systems and Computing	1177		1	10.1007/978-981-15-5679-1_45	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091107702&doi=10.1007%2f978-981-15-5679-1_45&partnerID=40&md5=ac72eec47149671f139a6c59e406aacf	Conference Paper
G S, N., B, M., D, C.G., N A, C., Angadi, G.	57219001739;57203249499;57218990340;57218995216;57200842568;	Examination of miscibility characteristics of the synthetic plastic-mimetic peptide with polyacrylamide: development of nonwoven mats by electrospinning	2021	Polymer-Plastics Technology and Materials	60	4	7	10.1080/25740881.2020.1811322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090960499&doi=10.1080%2f25740881.2020.1811322&partnerID=40&md5=030836a7171e6cc92dec4c880ae21ca1	Article
Gupta, P.K., Ramachandran, A.T., Keerthi, A.M., Dave, P.S., Giridhar, S., Kallapur, S.S., Saikia, A.	56608493300;57218871066;57201980632;57218870604;57218873821;57218873113;57218872159;	An Overview of Clinical Decision Support System (CDSS) as a Computational Tool and Its Applications in Public Health	2021	EAI/Springer Innovations in Communication and Computing			1	10.1007/978-3-030-35280-6_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090534520&doi=10.1007%2f978-3-030-35280-6_5&partnerID=40&md5=6d777e1e1b7202fc482748217809be04	Book Chapter

Srivatsa, G.S., Tatpatti, G.	57201942064;56578633200;	Computational investigations of varying solidity lp turbine cascade with gurney flap for low reynolds numbers	2021	Lecture Notes in Mechanical Engineering				10.1007/978-981-15-5039-3_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090527815&doi=10.1007%2f978-981-15-5039-3_6&partnerID=40&md5=5d32448f3ee6b836662d408c58e6661a	Conference Paper
Gupta, P.K., Prasanna, D.V., Raghunath, S.S.	56608493300;57218872313;58340293800;	How Artificial Intelligence Can Undermine Security: An Overview of the Intellectual Property Rights and Legal Problems Involved	2021	EAI/Springer Innovations in Communication and Computing				10.1007/978-3-030-35280-6_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090515267&doi=10.1007%2f978-3-030-35280-6_3&partnerID=40&md5=2c0629e2bb8f584d03acd0446dfc1084	Book Chapter
Keerthi, A.M., Ramapriya, S., Kashyap, S.B., Gupta, P.K., Rekha, B.S.	57201980632;27467777200;57218860867;56608493300;58236695700;	Pharmaceutical management information systems: A sustainable computing paradigm in the pharmaceutical industry and public health management	2021	EAI/Springer Innovations in Communication and Computing			3	10.1007/978-3-030-51070-1_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090492080&doi=10.1007%2f978-3-030-51070-1_2&partnerID=40&md5=5bdbd68c764a106db27acda08512ce2a	Book Chapter

Vidya, M.J., Padmaja, K.V., Joshi, R.K., Veena Divya, K., Rajasree, P.M., Gupta, P.K.	55817931000;36055815400;56587393300;57196194328;35332763700;56608493300;	A novel authentication approach towards secured storage of electronic patient record using 3D dynamic order template	2021	EAI/Springer Innovations in Communication and Computing			1	10.1007/978-3-030-51070-1_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090492072&doi=10.1007%2f978-3-030-51070-1_9&partnerID=40&md5=86b1bb68975c9d556e3afaaf8dce15d0	Book Chapter
Gupta, P.K., Nawaz, M.H., Mishra, S.S., Parappa, K., Silla, A., Hanumegowda, R.	56608493300;57218860649;57218860505;57218860264;57218860742;57218861127;	New age approaches to predictive healthcare using in silico drug design and internet of things (IoT)	2021	EAI/Springer Innovations in Communication and Computing			3	10.1007/978-3-030-51070-1_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090491876&doi=10.1007%2f978-3-030-51070-1_8&partnerID=40&md5=e5857202dba568d190d15668049882f8	Book Chapter
Gowramma, G.S., Nayak, S., Cholli, N.	57218830731;57208817073;57202086135;	Data mining models applied in prediction of ivf success rates: an overview	2021	Lecture Notes in Networks and Systems	132			10.1007/978-981-15-5309-7_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090374319&doi=10.1007%2f978-981-15-5309-7_6&partnerID=40&md5=ee92a6049d2464f0661f7b8fffdd58e2	Book Chapter

Reddy, S., Srikanth, N., Sharvani, G.S.	57218830371;57218830752;35293488200;	Development of kid-friendly youtube access model using deep learning	2021	Lecture Notes in Networks and Systems	132		9	10.1007/978-981-15-5309-7_26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090373675&doi=10.1007%2f978-981-15-5309-7_26&partnerID=40&md5=40e5b645d44ca06ff8935d1503938187	Book Chapter
Vishnu, C.R., Das, S.P., Sridharan, R., Ram Kumar, P.N., Narahari, N.S.	57205019516;57211664926;700592311 0;57189310338;56436569500;	Development of a reliable and flexible supply chain network design model: a genetic algorithm based approach	2021	International Journal of Production Research	59	20	17	10.1080/00207543.2020.1808256	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090109914&doi=10.1080%2f00207543.2020.1808256&partnerID=40&md5=54d87f49bd5b450ba3e3942e3343faa7	Article
Bharathi, R., Dixit, S., Bhagya, R.	57213615527;57139728700;57200210743;	Modern Automobile Adaptive Cruise Control	2021	Advances in Intelligent Systems and Computing	1165			10.1007/978-981-15-5113-0_93	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089724214&doi=10.1007%2f978-981-15-5113-0_93&partnerID=40&md5=a407dcde630957e5bb099023c0bc4703	Conference Paper

Patil, R.M., Chethan, K.P., Ramaprasad, R., Nithin, H.K., Rangayyan, S.	57204028909;57218597236;57218596516;57218597824;57218596195;	Infotainment System Using CAN Protocol and System on Module with Qt Application for Formula-Style Electric Vehicles	2021	Advances in Intelligent Systems and Computing	1165		1	10.1007/978-981-15-5113-0_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089719564&doi=10.1007%2f978-981-15-5113-0_16&partnerID=40&md5=26b2ce75eaf928c7650276cdb688acb9	Conference Paper
Skariyachan, S., Gopal, D., Kadam, S.P., Muddebihalkar, A.G., Uttarkar, A., Niranjan, V.	36996175300;57211640570;57221921810;57211643490;57216224183;6603234656;	Carbon fullerene acts as potential lead molecule against prospective molecular targets of biofilm-producing multidrug-resistant Acinetobacter baumanni and Pseudomonas aerugenosa: computational modeling and MD simulation studies	2021	Journal of Biomolecular Structure and Dynamics	39	3	4	10.1080/07391102.2020.1726821	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089467607&doi=10.1080%2f07391102.2020.1726821&partnerID=40&md5=4f1dff6968899fc9439995ae08c1de3e	Article
Janumala, T., Ramesh, K.B.	57204657690;57210711669;	Development of an algorithm for vertebrae identification using speeded up robost features (surf) technique in scoliosis x-ray images	2021	Advances in Intelligent Systems and Computing	1200 AISC		2	10.1007/978-3-030-51859-2_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089228930&doi=10.1007%2f978-3-030-51859-2_6&partnerID=40&md5=b7ec193074a8ac5d4e146fa3a85ec14d	Conference Paper

Skariyachan, S., Khangwal, I., Niranjan, V., Kango, N., Shukla, P.	36996175300;57202688665;660323 4656;5720321986 0;7202961636;	Deciphering effectual binding potential of xylo-substrates towards xylose isomerase and xylokinase through molecular docking and molecular dynamic simulation	2021	Journal of Biomolecular Structure and Dynamics	39	11	5	10.1080/0739110 2.2020.1772882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087039489&doi=10.1080%2f07391102.2020.1772882&partnerID=40&md5=b24bfeb3fbc19791354477 2a3633c08a	Article
Premananda, B.S., Neti, N.K., Ashwin, K.P., Basu, S.V.	37091407700;57201854346;572153 15549;5720186151 1;	An energy-efficient, coalition game theory based hierarchical routing protocol for WSNs	2021	International Journal of Computers and Applications	43	3	2	10.1080/1206212 X.2018.1529726	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054686648&doi=10.1080%2f1206212X.2018.1529726&partnerID=40&md5=869659923ec24ab7b78cc85e1231246f	Article
Sunil, S., Naga Kumar, M.S.	57211624263;57221468385;	Laboratory Evaluation of Engineering and Strength Properties for Semi Rigid Mixtures	2020	IOP Conference Series: Materials Science and Engineering	1006	1	1	10.1088/1757-899X/1006/1/012 034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099262644&doi=10.1088%2f1757-899X%2f1006%2f1%2f012034&partnerID=40&md5=3b82d7364d4bac4c0e59c507718f	Conference Paper

Mendi, V., Kumar, A., Singh Yadav, B., Verma, D., Ankit, R.J.	57202443467;57221460781;57221460966;57221459873;57221473858;	Use of Eco-Coolers in Indoor Cooling	2020	IOP Conference Series: Materials Science and Engineering	1006	1		10.1088/1757-899X/1006/1/012005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099180169&doi=10.1088%2f1757-899X%2f1006%2f1%2f012005&partnerID=40&md5=473fbb4a2e54d7838ee1960dba74	Conference Paper
Vasudha, N., Uma Rao, K.	57221192528;6507545977;	Shape memory alloy properties, modelling aspects and potential applications - A review	2020	Journal of Physics: Conference Series	1706	1	3	10.1088/1742-6596/1706/1/012190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098525507&doi=10.1088%2f1742-6596%2f1706%2f1%2f012190&partnerID=40&md5=5ee0aa0ec2e04caedadea5f05fc7cb	Conference Paper
Raghavi, C.H., Havisha, D., Rajeshwari, M.	57214792547;57225133988;57517778900;	Moringa oleifera: A brief review	2020	Moringa oleifera: Properties, Applications and Health Effects					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109222720&partnerID=40&md5=a0c250bea6b7aeacd949b934fc0d88d8	Book Chapter

Suresh, A., Nandi, S.	57224629733;57192685095;	Physical Bridge Design for High Performance to Peripheral Bus: An Open Source Approach	2020	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and			3	10.1109/ICAECC50550.2020.9339522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101072047&doi=10.1109%2fICAECC50550.2020.9339522&partnerID=40&md5=c1dff111b90ad0bfa1254bacea3acab4	Conference Paper
Chandrashekar, L., Sreedevi, A.	57196259433;35173705900;	Framework for Multimodal Image Fusion for Detection of Glioblastoma	2020	2020 IEEE 17th India Council International Conference, INDICON 2020			2	10.1109/INDICON49873.2020.9342422	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101585496&doi=10.1109%2fINDICON49873.2020.9342422&partnerID=40&md5=182c34f59724efb153404f2b24eba9b7	Conference Paper
Raju, B.A., Nandhihalli, R., Nanjundappa, C.E.	55958990100;57194442079;65071674403;	Internally heated gravity driven convection in a saturated porous layer dielectric fluid	2020	AIP Conference Proceedings	2297			10.1063/5.0029757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098051056&doi=10.1063%2f5.0029757&partnerID=40&md5=78eb4c3d6f944efee24945e31e86ce96	Conference Paper

Moharir, M., Shobha, G., Oppiliappan, A., Gvl, R.M.K., Nitin Pandit, S., Akash, R., Saxena, M.	54419033000;14829661100;57222369262;57222368770;57222375875;57210335868;57222375500;	A Study and Comparison of Various Types of Load Balancers	2020	2020 5th IEEE International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2020			2	10.1109/ICRAIE51050.2020.9358333	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102515895&doi=10.1109%2fICRAIE51050.2020.9358333&partnerID=40&md5=a9c9b055cda6baa318f922431f68bcaa	Conference Paper
Chandrashekar, L., Sreedevi, A., Shekar, C.M., Raj, M., Kumar, N., Vinay, R.	57196259433;35173705900;57222368508;58255944400;57224558917;57224277294;	Angle Classifier for Registration of MRI and CT Brain Images using Deep Learning	2020	2020 5th IEEE International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2020			1	10.1109/ICRAIE51050.2020.9358365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102489563&doi=10.1109%2fICRAIE51050.2020.9358365&partnerID=40&md5=7c6006653742c892a2a192aae7f3f268	Conference Paper
Arvind, C.S., Jyothi, R., Kaushal, K., Girish, G., Saurav, R., Chetankumar, G.	55446621100;57218693242;57215343881;57219121739;57221646214;57221646683;	Edge Computing Based Smart Aquaponics Monitoring System Using Deep Learning in IoT Environment	2020	2020 IEEE Symposium Series on Computational Intelligence, SSCI 2020			17	10.1109/SSCI47803.2020.9308395	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099704472&doi=10.1109%2fSSCI47803.2020.9308395&partnerID=40&md5=a11550c101ffc99ef1a7056c28de30df	Conference Paper

Nagisetty, B.G., Venkata, S.H.P.	57209196295;57221616710;	Sequential procedure for improving the efficiency of ci engine by using artificial neural networks	2020	International Journal of Heat and Technology	38	4		10.18280/ijht.380422	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099619468&doi=10.18280%2fijht.380422&partnerID=40&md5=fecef9d16c010e293486115aa3ac2882	Article
Channegowda, M.	57220953146;	Recent advances in environmentally benign hierarchical inorganic nano-adsorbents for the removal of poisonous metal ions in water: A review with mechanistic insight into toxicity and adsorption	2020	Nanoscale Advances	2	12	35	10.1039/d0na00650e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097953815&doi=10.1039%2fd0na00650e&partnerID=40&md5=1d46d553cd6e8dbef5e2f2a99fab778e	Review
Gopal, J., Narasimhamurthy, S.	27267628400;57219985725;	Nonlinear rotating viscoelastic liquid convection with temperature modulation	2020	Heat Transfer	49	8	6	10.1002/htj.21841	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096416135&doi=10.1002%2fhtj.21841&partnerID=40&md5=87696b9441bd560ff4a68635e0affa15	Article

Subana, P.S., Manjunatha, C., Manmadha Rao, B., Venkateswarlu, B., Nagaraju, G., Suresh, R.	57219470880;56919543200;57219471951;58348957400;21743102700;57198152205;	Surface functionalized magnetic α-Fe2O3 nanoparticles: Synthesis, characterization and Hg2+ ion removal in water	2020	Surfaces and Interfaces	21		15	10.1016/j.surfin.2020.100680	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092910097&doi=10.1016%2fj.surfin.2020.100680&partnerID=40&md5=8a2436d66d89c59f65ab32b90daa11a0	Article
Arjun, R., Raghavan, B., Gupta, T.	57224232292;58822420000;16022006000;	Role of pore geometry in gas separation using nanoporous graphene – A study in contrast between equilibrium and non-equilibrium cases	2020	Chemical Physics Letters	760		3	10.1016/j.cplett.2020.137971	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091631925&doi=10.1016%2fj.cplett.2020.137971&partnerID=40&md5=55578fd707b5d30fe0d33c76af9b824f	Article
Shruthi, P., Cholli, N.G.	57215743819;57202086135;	An analysis of software aging in cloud environment	2020	International Journal of Electrical and Computer Engineering	10	6	4	10.11591/ijece.v10i6.pp5985-5991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089401757&doi=10.11591%2fijece.v10i6.pp5985-5991&partnerID=40&md5=332678ac19fc6757eb8a2b82a23cee40	Article

Priyadarshi, R., Rawat, P., Nath, V., Acharya, B., Shylashree, N.	57196470686;56352994300;57821585600;24829364200;56045640200;	Three level heterogeneous clustering protocol for wireless sensor network	2020	Microsystem Technologies	26	12	48	10.1007/s00542-020-04874-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084836876&doi=10.1007%2fs00542-020-04874-x&partnerID=40&md5=14454d6efeebf262c24edeaad467a111	Article
Rajeswari, M., Agrawal, P.	57200842566;56388302300;	Rapid Water Disinfection Using ZnO Nanoparticles Synthesized from Citrus aurantifolia	2020	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	90	5	5	10.1007/s40011-020-01164-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078196830&doi=10.1007%2fs40011-020-01164-4&partnerID=40&md5=46cc0f7b654c521450a61688cfb1c637	Article
Ullanat, V.	57221558667;	Variational autoencoder as a generative tool to produce de-novo lead compounds for biological targets	2020	Proceedings of the 2020 14th International Conference on Innovations in Information Technology IIT 2020			1	10.1109/IIT50501.2020.9299078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099467378&doi=10.1109%2fIIT50501.2020.9299078&partnerID=40&md5=c61ac4f4e92541a1ad975092215230cfd	Conference Paper

Singh, M., Panicker, M.R., Rajagopal, V.K.	57221375569;17435154000;852575 9100;	Towards bone aware image enhancement in musculoskeletal ultrasound imaging	2020	IEEE Region 10 Annual International Conference, Proceedings/TENCON	#####			10.1109/TENCON50793.2020.9293757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098981633&doi=10.1109%2fTENCON50793.2020.9293757&partnerID=40&md5=253653ead97601c448332d35fb6b3412	Conference Paper
Suresh, A., Reddy, B.N., Renu Madhavi, C.H.	57224629733;57203798195;572101 09422;	Hardware accelerators for edge enabled machine learning	2020	IEEE Region 10 Annual International Conference, Proceedings/TENCON	#####		4	10.1109/TENCON50793.2020.9293918	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098970108&doi=10.1109%2fTENCON50793.2020.9293918&partnerID=40&md5=afb0b0cf62dd7fd364011469fb234c05	Conference Paper
Kulkarni, B.N., Anantharama, V.	57211643347;35408535800;	Repercussions of COVID-19 pandemic on municipal solid waste management: Challenges and opportunities	2020	Science of the Total Environment	743		191	10.1016/j.scitotenv.2020.140693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087612818&doi=10.1016%2fj.scitotenv.2020.140693&partnerID=40&md5=1cdb4c4bcffb28dceea4f66f0417b72c	Article

Suresh, A., Reddy, B.N., Nandi, S.	57224629733;57203798195;57192685095;	Framework for Cloud based Open Source VLSI Design	2020	Proceedings - 5th IEEE International Conference on Recent Trends in Electronics, Information and				10.1109/RTEICT49044.2020.9315624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100581581&doi=10.1109%2fRTEICT49044.2020.9315624&partnerID=40&md5=e383990d353893d6a2c1fea05a886819	Conference Paper
Havanur, S.C., Shambulinga, M., Manjunatha Reddy, H.V.	57221912304;57189238537;57193605656;	Performance Analysis of Substrate Integrated Waveguide H-Plane Horn Antenna	2020	Proceedings - 5th IEEE International Conference on Recent Trends in Electronics, Information and				10.1109/RTEICT49044.2020.9315639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100539017&doi=10.1109%2fRTEICT49044.2020.9315639&partnerID=40&md5=758a645e0f8ea934b2f123d15b90bea3	Conference Paper
Dan, V., Vinay, K.V., Shambulinga, M.	57221908886;57221914019;57189238537;	Evaluation of RFID Anti-Collision Protocols Using Java Based Tool	2020	Proceedings - 5th IEEE International Conference on Recent Trends in Electronics, Information and				10.1109/RTEICT49044.2020.9315563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100534957&doi=10.1109%2fRTEICT49044.2020.9315563&partnerID=40&md5=29e4a011d1e1545673210f93bc43641c	Conference Paper

Srikanth, M.S., Kulkarni, P., Srinivasan, G.N.	57521842600;57221596716;56501487200;	Review on Various Approaches for Extraction of Blood Vessel and its Components from Angiogram Images	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020				10.1109/INOCON50539.2020.9298386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099605738&doi=10.1109%2fINOCON50539.2020.9298386&partnerID=40&md5=45c3484c1c4867a1bf55307cfd5f6d6d	Conference Paper
Parmar, M.R., Kumari, M.U., Ramesh, S.N.	57221612711;55340461500;57224658781;	CYBER SECURITY in VEHICLE COMMUNICATION	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			1	10.1109/INOCON50539.2020.9298286	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099597773&doi=10.1109%2fINOCON50539.2020.9298286&partnerID=40&md5=83f3dac0d748e1ca27d1a8546769b3b8	Conference Paper
Rao, A.	57221614555;	Efficient Min-Cost Real Time Action Recognition using Pose Estimates	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			1	10.1109/INOCON50539.2020.9298211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099588471&doi=10.1109%2fINOCON50539.2020.9298211&partnerID=40&md5=16c710521c8beb2fb2240ac62277262b	Conference Paper

Jadhav, N.D., Vanishree, K.	57221598934;57222255051;	Survey on Security Parameters of Operating System	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			1	10.1109/INOCON50539.2020.9298300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099577815&doi=10.1109%2fINOCON50539.2020.9298300&partnerID=40&md5=2a22b443a1dc77876a2c8e32220fa3e8	Conference Paper
Nikhil, R., Anisha, B.S., Ramakanth Kumar, P.	57221599156;57219486072;650696 2203;	Users Sync Authentication using External Ldap in Organizations	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			1	10.1109/INOCON50539.2020.9298432	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099562555&doi=10.1109%2fINOCON50539.2020.9298432&partnerID=40&md5=26b8898c6e61502d87803053011a9c14	Conference Paper
Jain, A., Bavikar, K., Sanjay, A., Gupta, M., Ramesh Gupta, B., Dineshkumar, H.	57680287700;57221615234;57221605027;57218404342;57221604146;14026768700;	Baseline procedure for conceptual designing of an eVTOL for Urban Air Mobility	2020	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology			5	10.1109/ICECA49313.2020.9297649	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099557493&doi=10.1109%2fICECA49313.2020.9297649&partnerID=40&md5=8599a5a9fa2b611b9a643de7cae27703	Conference Paper

Singh, U., Totla, A., Kumar, D.P.	57214523994;57221604025;57221596067;	Deep Learning Model to Predict Pneumonia Disease based on Observed Patterns in Lung X-rays	2020	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology			2	10.1109/ICECA49313.2020.9297388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099545566&doi=10.1109%2fICECA49313.2020.9297388&partnerID=40&md5=16f2f325b408b620fd895ef6cc18b6f0	Conference Paper
Herle, H., Padmaja, K.V.	57221105969;36055815400;	Performance assessment of ultrasound kidney images using de-speckling algorithms	2020	Indian Journal of Computer Science and Engineering	11	6	1	10.21817/indjcse/2020/v11i6/201106176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098172809&doi=10.21817%2findjcse%2f2020%2fv11i6%2f201106176&partnerID=40&md5=500a2a4aa43a9a291938be34a40a533b	Article
Varma, D.R., Ponnaganti, S., Dandu, R.V.	7101755242;57218853724;57219771643;	Beware of artifacts in orbital magnetic resonance imaging	2020	Indian Journal of Ophthalmology	68	11	6	10.4103/ijo.IJO_640_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095397893&doi=10.4103%2fijo.IJO_640_20&partnerID=40&md5=9008b141547429e4bdce32cd0713dba2	Note

Skariyachan, S., Gopal, D., Chakrabarti, S., Kempanna, P., Uttarkar, A., Muddebihalkar, A.G., Niranjan, V.	36996175300;57211640570;57218394179;57219413247;57216224183;57211643490;6603234656;	Structural and molecular basis of the interaction mechanism of selected drugs towards multiple targets of SARS-CoV-2 by molecular docking and dynamic simulation studies-deciphering the scope of repurposed drugs	2020	Computers in Biology and Medicine	126		31	10.1016/j.compbiomed.2020.104054	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092675032&doi=10.1016%2fj.compbiomed.2020.104054&partnerID=40&md5=bfad46da2a50183e822e50235933e093	Article
Sagnika, S., Mishra, B.S.P., Meher, S.K.	56125481100;37048783800;16417055200;	Improved method of word embedding for efficient analysis of human sentiments	2020	Multimedia Tools and Applications	79	43-44	8	10.1007/s11042-020-09632-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089908289&doi=10.1007%2fs11042-020-09632-9&partnerID=40&md5=d8c6a4e1f5be59219f11bdc2ea5cbb5c	Article
Sakkara, S., Venkatesh, K., Reddy, R., Nagananda, G.S., Meghwal, M., Patil, J.H., Reddy, N.	57203280698;56501605800;56589450100;36158606900;55511122700;55094514000;35613410000;	Characterization of crosslinked Macrotyloma uniflorum(Horsegram) protein films for packaging and medical applications	2020	Polymer Testing	91		12	10.1016/j.polymertesting.2020.106794	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089754074&doi=10.1016%2fj.polymertesting.2020.106794&partnerID=40&md5=12430c98bf8339dce673b164b4404b7a	Article

Vishnumurthy, K.A., Kesavan, A.V., Swathi, S.K., Ramamurthy, P.C.	56320807800;56554042200;57220043477;7005412074;	Low band gap thienothiophene-diketopyrrolopyrole copolymers with V2O5 as hole transport layer for photovoltaic application	2020	Optical Materials	109		6	10.1016/j.optmat.2020.110303	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089682191&doi=10.1016%2fj.optmat.2020.110303&partnerID=40&md5=d8bdbf323b0e28520ee7fd56e20fc602	Article
Anand, A., Nussana, L., Sham Aan, M.P., Ekwipoo, K., Sangashetty, S.G., Jobish, J.	57220704966;57218366129;57226233455;57218376960;57211336096;23485535800;	Synthesis and Characterization of ZnO Nanoparticles and Their Natural Rubber Composites	2020	Journal of Macromolecular Science, Part B: Physics	59	11	7	10.1080/00222348.2020.1798097	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088954921&doi=10.1080%2f00222348.2020.1798097&partnerID=40&md5=8b859e25347ca9d7ec20346708f96aa8	Article
Skariyachan, S., Ravishankar, R., Gopal, D., Muddebihalkar, A.G., Uttarkar, A., Praveen, P.K.U., Niranjan, V.	36996175300;57196746909;57211640570;57211643490;57216224183;57217531064;6603234656;	Response regulator GacA and transcriptional activator RhlR proteins involved in biofilm formation of Pseudomonas aeruginosa are prospective targets for natural lead molecules: Computational modelling, molecular docking and dynamic simulation studies	2020	Infection, Genetics and Evolution	85		15	10.1016/j.meegid.2020.104448	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087369611&doi=10.1016%2fj.meegid.2020.104448&partnerID=40&md5=0298f9c9fa9aad7cb73977b093e650e8	Article

Premananda, B.S., Nikhil, K.J., Nirmal Jain, C.M.	37091407700;57221648647;57221645211;	MEC S-box based PRESENT Lightweight Cipher for Enhanced Security and Throughput	2020	2020 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics			1	10.1109/DISCOVER50404.2020.9278038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099719945&doi=10.1109%2fDISCOVER50404.2020.9278038&partnerID=40&md5=ec7cf76314f315f5b55729c1ad21de57	Conference Paper
Buravalli, M., Kumar, T., Shilpa, G.D., Anuradha, S.	57221328442;57225307670;58942920100;57221329826;	Simulation study of 2x3 microstrip patch antenna array for 5G applications	2020	Proceedings of the 2020 International Conference on Computing, Communication and Security, ICCCS			5	10.1109/ICCCS49678.2020.9276831	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098867074&doi=10.1109%2fICCCS49678.2020.9276831&partnerID=40&md5=8a538df0fedfaa4f0a6987fd767b44f8	Conference Paper
Gopal, D., Muddebihalkar, A.G., Skariyachan, S., Akshay Uttarkar, C., Kaveramma, P., Praveen, U., Shankar, R.R., Venkatesan, T., Niranjan, V.	57211640570;57211643490;36996175300;57218834415;57211641336;57211635451;57211638053;57211644117;660323465 6;	Mitogen activated protein kinase-1 and cell division control protein-42 are putative targets for the binding of novel natural lead molecules: a therapeutic intervention against Candida albicans	2020	Journal of Biomolecular Structure and Dynamics	38	15	10	10.1080/07391102.2019.1682053	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074718393&doi=10.1080%2f07391102.2019.1682053&partnerID=40&md5=90299d71a5956d2810803f2954e0bd86	Article

Hiremath, L., Chayapathy, V., Bhat, A., Martins, A.M., Sruti, O., Nipun, S., N. G., K., B. M., A.	57204661876;54917536500;58710880900;57219799659;57219805177;57219804393;57219798303;57219802820;	Formation of enzymatic fuel cell using carbon nanotubes and bacterial cellulose for its usage in generation of power in sewage water	2020	AIP Conference Proceedings	2274		1	10.1063/5.0023121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095609827&doi=10.1063%2f5.0023121&partnerID=40&md5=29634df547c5b00b5656a5d1b8ad0244	Conference Paper
Gangadhar, T.G., Girish, D.P., Chandra, A.C.P., Raj, K.V.K.	57210571003;56872793500;57209825368;57215558507;	Wear behavior of graphite/e-glass fiber/mica reinforcedAl7075 based hybrid MMCs	2020	AIP Conference Proceedings	2274			10.1063/5.0024159	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095607373&doi=10.1063%2f5.0024159&partnerID=40&md5=50f51e10613d8853813c48de633fd81b	Conference Paper
Harish, D.V.N., Bharatish, A., Ghate, S.G., Murthy, H.N.N., Anand, B.	57207191533;55745948600;57219799134;650766655 0;57193022198;	Experimental and numerical investigation of nanosecond laser ablation of tantalum carbide coated graphite substrates	2020	AIP Conference Proceedings	2274			10.1063/5.0022447	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095603048&doi=10.1063%2f5.0022447&partnerID=40&md5=45aa667bc5521207701939b97b35997d	Conference Paper

Mahesh, R., Kumar, H.G.A., Satyanarayana, S.	57213326023;57220702261;57209759064;	Synthesis, characterization and plant growth activity of 2-substituted benzimidazole derivatives and its Co(II) complexes	2020	AIP Conference Proceedings	2274			10.1063/5.0022511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095581169&doi=10.1063%2f5.0022511&partnerID=40&md5=63eb1e4e3ccc644250bd18876d44eae1	Conference Paper
Girisha, V.A., Akash, Bharatish, A., Kirthan, L., Hegde, J.R.	57191589594;57223851626;55745948600;57188831223;57219799157;	Thermal fatigue analysis of stellite coated P20 tool steel	2020	AIP Conference Proceedings	2274			10.1063/5.0025406	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095567461&doi=10.1063%2f5.0025406&partnerID=40&md5=210256952f290410192592dcd90e6203	Conference Paper
Padma, U., Kumaraswamy, H.V., Ravishankar, S.	57201863706;24534870500;57202125888;	Development of relay selection method for audio transmission in cooperative ad hoc networks	2020	International Journal of Advanced Computer Science and Applications	11	10		10.14569/IJACSA.2020.0111011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101471010&doi=10.14569%2fIJACSA.2020.0111011&partnerID=40&md5=c70a38631e595082694f59fb6548b832	Article

Vishnumurthy, K.A., Girish, K.H., Adhikari, A.V.	56320807800;57221287205;57195986060;	Synthesis, physicochemical properties and computational study of donor–acceptor polymer for optical limiting application	2020	SN Applied Sciences	2	10	2	10.1007/s42452-020-03523-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100605849&doi=10.1007%2fs42452-020-03523-2&partnerID=40&md5=49f37b5d47ebb29f00d10011ce1ab6b2	Article
Shambulinga, M., Sadashivappa, G.	57189238537;36024241200;	Supervised hyperspectral image classification using svm and linear discriminant analysis	2020	International Journal of Advanced Computer Science and Applications	11	10	11	10.14569/IJACSA.2020.0111050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097537654&doi=10.14569%2fIJACSA.2020.0111050&partnerID=40&md5=dc888c342f1a046c9f49a7288767ee8e	Article
Andal, C.K., Jayapal, R.	57216490666;57191804655;	Analysis of intelligent power management controller with cost optimization for solar/wind hybrid power system	2020	Journal of Green Engineering	10	10			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096893006&partnerID=40&md5=2addc6259556eb695a40a9e30da69d6b	Article

Melavanki, R., Kusanur, R., Sadasivuni, K.K., Singh, D., Patil, N.R.	23061607900;650 7727904;5558007 4800;5721441657 3;35366935700;	Investigation of interaction between boronic acids and sugar: effect of structural change of sugars on binding affinity using steady state and time resolved fluorescence spectroscopy and molecular docking	2020	Heliyon	6	10	14	10.1016/j.heliyon .2020.e05081	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092165598&doi=10.1016%2fj.heliyon.2020.e05081&partnerID=40&md5=eef5dba8f6ad5902c6490b8ae3afee89	Article
Baskaran, M., Mudbidre, R., Schweitzer, L.	35962382700;560 20662300;700706 9304;	Quantification of Po-210 and Pb-210 as tracer of sediment resuspension rate in a shallow riverine system: Case study from southeast Michigan, USA	2020	Journal of Environmental Radioactivity	222		6	10.1016/j.jenvrad .2020.106339	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088912864&doi=10.1016%2fj.jenvrad.2020.106339&partnerID=40&md5=6548f2c066c5fc39cac014873a4acb8a	Article
Yoganandini, A.P., Anitha, G.S.	57205425749;572 04648570;	A modified particle swarm optimization algorithm to enhance MPPT in the PV array	2020	International Journal of Electrical and Computer Engineering	10	5	18	10.11591/IJECE. V10I5.PP5001-5008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087173295&doi=10.11591%2fIJECE.V10I5.PP5001-5008&partnerID=40&md5=06b6c0b2a8a53fb7844e6215ce3a6e9c	Article

Neeli, J., Cauvery, N.K.	57202362496;35291528300;	A novel secure routing scheme using probabilistic modelling for better resistivity against lethal attacks	2020	International Journal of Electrical and Computer Engineering	10	5	1	10.11591/ijece.v10i5.pp4956-4964	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083797791&doi=10.11591%2fijece.v10i5.pp4956-4964&partnerID=40&md5=f357586a0d80d9cf8d0b58c8b911b135	Article
Gururaj, B., Sadashivappa, G.	57211247601;36024241200;	Channel encoding system for transmitting image over wireless network	2020	International Journal of Electrical and Computer Engineering	10	5		10.11591/ijece.v10i5.pp4655-4662	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083795593&doi=10.11591%2fijece.v10i5.pp4655-4662&partnerID=40&md5=281b95af426c11139cfea915bc723015	Article
Reddy, B.G., Sadashivappa, G., Gunasekaran, S.	15754415500;36024241200;57220088525;	Acoustic Performance Analysis of Micro Speaker Using Machine Learning Algorithms	2020	Proceedings - 2020 12th International Conference on Computational Intelligence and Communication			1	10.1109/CICN49253.2020.9242632	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096843793&doi=10.1109%2fCICN49253.2020.9242632&partnerID=40&md5=e0ab3355b3f6244f2107e93dfd652a16	Conference Paper

Sheikh, A., Bs, A.	57221376962;57219486072;	Decomposing Monolithic Systems to Microservices	2020	2020 3rd International Conference on Computer and Informatics Engineering, IC2IE 2020				10.1109/IC2IE50715.2020.9274641	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098941544&doi=10.1109%2fIC2IE50715.2020.9274641&partnerID=40&md5=3e05e8db71f8019b0896a30f3f820f40	Conference Paper
Sunanda, C., Dinesh, M.N., Vasudev, N.	57193055031;34869411600;66022219861;	Comparison of XRD analysis and leakage current in Ageing study of high voltage SR insulator with nano fillers	2020	7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceeding			1	10.1109/ICHVE49031.2020.9279526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099374713&doi=10.1109%2fICHVE49031.2020.9279526&partnerID=40&md5=2b9cd88d6d9f42b07bff5830b87ec2da	Conference Paper
Inamdar, M.A., Kumaraswamy, H.V.	57218669530;24534870500;	Energy Efficient 5G Networks: Techniques and Challenges	2020	Proceedings - International Conference on Smart Electronics and Communication, ICOSEC 2020			16	10.1109/ICOSEC49089.2020.9215362	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094218128&doi=10.1109%2fICOSEC49089.2020.9215362&partnerID=40&md5=9701bcb58c00c4e398695f721186f1b9	Conference Paper

Srivatsa, V.G., Chava, A.P., Ravish Aradhya, H.V.	56619293500;56405270200;55616592800;	Design of High Performance Low-power H-Tree using Multi Threshold Split-IO Buffers	2020	Proceedings - International Conference on Smart Electronics and Communication, ICOSEC 2020				10.1109/ICOSEC49089.2020.9215434	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094206400&doi=10.1109%2fICOSEC49089.2020.9215434&partnerID=40&md5=9081d5ecc408b56aa8687d401e6f0fb2	Conference Paper
Mosale Ramanath, A., Venkateshappa, A., Macheri Srinivasarao, A., Amirthalingam, V.	57721228100;56120146000;57218125894;57218116926;	Benchmarking Falling Weight Deflectometer Deflection Bowl Parameters: Case Study for Indian Conditions and the Applications to Rehabilitation Design	2020	Journal of Transportation Engineering Part B: Pavements	146	3	6	10.1061/JPEODX.0000204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087990673&doi=10.1061%2fJPEODX.0000204&partnerID=40&md5=d60771f18c041982d6cd6a09bac0ec6d	Article
Das, S., Kumar, M.	55605761887;57219740205;	On the Inertia Conjecture for Alternating group covers	2020	Journal of Pure and Applied Algebra	224	9	2	10.1016/j.jpaa.2020.106363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081975359&doi=10.1016%2fj.jpaa.2020.106363&partnerID=40&md5=64918971a52b0959f5476426c742da19	Article

James, J., Thomas, G.V., Madathil, A.P., Nambissan, P.M.G., Kalarikkal, N., Thomas, S.	57193754757;74045770 94;57218694348;7003824865;36773183900;7404654376;	Positron annihilation spectroscopic characterization of free-volume defects and their correlations with the mechanical and transport properties of SBR-PMMA interpenetrating polymer networks	2020	Physical Chemistry Chemical Physics	22	32	11	10.1039/d0cp01417f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090070895&doi=10.1039%2fd0cp01417f&partnerID=40&md5=f5be55c02cf80d1a73fdbdb02b5a655c	Article
Premananda, B.S., Dhanush, T.N.	37091407700;57205768117;	Design and Analysis of QCA based Area Efficient 4×8 SRAM Array	2020	Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials	#####		3	10.1109/ICACCM50413.2020.9399208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105188736&doi=10.1109%2fICACCM50413.2020.9399208&partnerID=40&md5=e2f93673807e0e45e56e18833dc42382	Conference Paper
Dhanush, T.N., Harshitha, S., Premananda, B.S.	57205768117;57211603842;37091407700;	Design of QCA based Three-Stage Pseudo Random Number Generator	2020	Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials			2	10.1109/ICACCM50413.2020.9212922	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097532539&doi=10.1109%2fICACCM50413.2020.9212922&partnerID=40&md5=f2ca0b81c657f5238216a76103b08e93	Conference Paper

Manjulamma, U., Nagaraja, H.G., Kiran Kumar, D.L.	57218792231;700 3457645;5720466 1746;	Ricci operator in a Hopf real Hypersurfaces of complex space form	2020	Journal of Physics: Conference Series	1597	1		10.1088/1742-6596/1597/1/012049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090759331&doi=10.1088%2f1742-6596%2f1597%2f1%2f012049&partnerID=40&md5=41c51c117d83e0ce5d806b3e349	Conference Paper
Bieda, K.N., Visnawathan, A., McCrory, R., Sikorskii, P.	36175367900;572 17076666;568215 10900;568220987 00;	The UTE Model: Enhancing Learning in Developmental Mathematics and Preparing Mathematics Teachers of the Future	2020	PRIMUS	30	7	3	10.1080/10511970.2019.1626958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086081138&doi=10.1080%2f10511970.2019.1626958&partnerID=40&md5=adaae0cdcb0055dd3c31e41318ee0bec	Article
Acharya, V., Hegde, V.V.	57204030223;572 04031965;	Security frameworks for internet of things systems - A comprehensive survey	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT			2	10.1109/ICSSIT48917.2020.9214127	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094861148&doi=10.1109%2fICSSIT48917.2020.9214127&partnerID=40&md5=b8131d0cf75e40754facd42bbb6fb8cb	Conference Paper

Chethan Kumar, B., Punitha, R., Mohana	57219704490;57750501400;57113679700;	YOLOv3 and YOLOv4: Multiple object detection for surveillance applications	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			67	10.1109/ICSSIT48917.2020.9214094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094821299&doi=10.1109%2fICSSIT48917.2020.9214094&partnerID=40&md5=c43bfae7073c64edbc4c8fb8a5e14d47	Conference Paper
Usha, N., Reddy, K.V., Nagendra, N.N.	57222118391;57219705143;57201853556;	Dynamic spectrum sensing in cognitive radio networks using ML model	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			6	10.1109/ICSSIT48917.2020.9214146	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094820676&doi=10.1109%2fICSSIT48917.2020.9214146&partnerID=40&md5=3000a14f616f1c71eee21c00f4c706b9	Conference Paper
Franklin, R.J., Mohana	57219229382;57113679700;	Industry 4.0: Real time embedded system with integrated data acquisition	2020	Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			4	10.1109/ICSSIT48917.2020.9214251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094820209&doi=10.1109%2fICSSIT48917.2020.9214251&partnerID=40&md5=adbfc6d5ea0b04570c630bb94f724ec3	Conference Paper

Sandeep Kumar, Y., Rajeswara Rao, K.V.S., Sunil, R.Y.	57203344064;57190737171;57219256355;	Investigation of wear behavior of biopolymers for total knee replacements through invitro experimentation	2020	International Journal of Engineering, Transactions B: Applications	33	8	4	10.5829/ije.2020.33.08b.14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091938240&doi=10.5829%2fije.2020.33.08b.14&partnerID=40&md5=1c1a665299ba8215bb975eb2e1326005	Article
Ramesh, P., Nagarajan, V., Khanchandani, V., Desai, V.K., Niranjan, V.	57218650948;57216941908;57216941392;57218646931;6603234656;	Proteomic variations of esophageal squamous cell carcinoma revealed by combining RNA-seq proteogenomics and G-PTM search strategy	2020	Heliyon	6	8	2	10.1016/j.heliyon.2020.e04813	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089904886&doi=10.1016%2fj.heliyon.2020.e04813&partnerID=40&md5=9c8df3e8412ac44415eea1f7a47143a1	Article
Bhavya, P., Melavanki, R., Narayanappa, C.K., Kusanur, R., Meghana, U., Suma, B.	57192250851;23061607900;57201853656;650772790 4;57216158875;57497613800;	Binding Interaction Between Boronic Acid Derivatives with Monosaccharaides: Effect of Structural Change of Monosaccharaides Upon Binding Using S–V Plots	2020	Macromolecular Symposia	392	1	7	10.1002/masy.202000166	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089590858&doi=10.1002%2fmasy.202000166&partnerID=40&md5=2d05507adedf3e48760da95815544b03	Article

Koppal, V.V., Hebsur, R.K., Melavanki, R.M., Kusanure, R., Patil, N.R.	55444679900;57218547215;23061607900;650772790 4;35366935700;	Solvent Polarity and Environment Sensitive Behavior of Coumarin Derivative	2020	Macromolecular Symposia	392	1	3	10.1002/masy.201900200	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089522078&doi=10.1002%2fmasy.201900200&partnerID=40&md5=da9cda0dbddffe92b14a78298ce88a1c	Article
Sharma, K., Melavanki, R., Yallur, B.C., Kusanur, R., Patil, N.R., Shelar, V.M., Singh, D., Rosario, J., Hussaini, Q., Mohan., A., Thampan, A.V.	57201998937;23061607900;56033294500;650772790 4;35366935700;5 5793776200;5721 4416573;5818299 0900;5721855992 6;55258296600;6 602914849;	Optical Characterization of Chalcone-Doped PMMA Thin Films for Photonic Applications Using Spectroscopic Technique of Drop Casting Method	2020	Macromolecular Symposia	392	1	1	10.1002/masy.202000165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089500884&doi=10.1002%2fmasy.202000165&partnerID=40&md5=4cb7c35f3bbfce1ad30b97de9c0ba679	Article
Manjunatha, C., Srinivasa, N., Samriddhi, S., Vidya, C., Ashoka, S.	56919543200;57210451462;57217155410;57204896836;52364988000;	Studies on anion-induced structural transformations of iron(III) (Hydr)oxide micro-nanostructures and their oxygen evolution reaction performance	2020	Solid State Sciences	106		12	10.1016/j.solidstatesciences.2020.106314	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086503345&doi=10.1016%2fj.solidstatesciences.2020.106314&partnerID=40&md5=86b19f224d3e685c9c8b71897c0d1ecb	Article

Skariyachan, S., Muddebihalkar, A.G., Badrinath, V., Umashankar, B., Eram, D., Uttarkar, A., Niranjan, V.	36996175300;57211643490;57216224089;57216220563;57216226251;57216224183;6603234656;	Natural epiestriol-16 act as potential lead molecule against prospective molecular targets of multidrug resistant Acinetobacter baumannii-Insight from in silico modelling and in vitro investigations	2020	Infection, Genetics and Evolution	82		17	10.1016/j.meegid.2020.104314	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082876162&doi=10.1016%2fj.meegid.2020.104314&partnerID=40&md5=5e9c61b6008063bfd09215356ec5b5fc	Article
Manjunatha, C., Abhishek, B., Shivaraj, B.W., Ashoka, S., Shashank, M., Nagaraju, G.	56919543200;36615134800;57195176001;52364988000;57205151932;21743102700;	Engineering the MxZn1−xO (M = Al3+, Fe3+, Cr3+) nanoparticles for visible light-assisted catalytic mineralization of methylene blue dye using Taguchi design	2020	Chemical Papers	74	8	24	10.1007/s11696-020-01113-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080915284&doi=10.1007%2fs11696-020-01113-5&partnerID=40&md5=27ee9ce40240d69adf80c6a8d1722b9b	Article
Devi Priya, D., Elango, G., Mohana Roopan, S., Shanavas, S., Acevedo, R., Golkonda, M., Sridharan, M.	57203208310;57191337675;23971199900;57193622306;7003836387;57191664932;16319653100;	Abutilon indicum Mediated CuO Nanoparticles: Eco-Approach, Optimum Process of Congo Red Dye Degradation, and Mathematical Model for Multistage Operation	2020	ChemistrySelect	5	28	7	10.1002/slct.202000588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088780768&doi=10.1002%2fslct.202000588&partnerID=40&md5=06e2a8aaa433d74bab9dac0c58946627	Article

Jasmine, K.S.	24476266900;	Risk based thinking and contingency modeling in leadership and administration for quality management in higher education	2020	Research Anthology on Preparing School Administrators to Lead Quality Education Programs				10.4018/978-1-7998-3438-0.ch020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138095130&doi=10.4018%2f978-1-7998-3438-0.ch020&partnerID=40&md5=907f4a41cf0c2f295da79a160c1b2b2d	Book Chapter
Gogi, V.J., Vijayalakshmi, M.N.	57215815554;57200630505;	Characterization of Elevated Tumor Markers in Diagnosis of HCC Using Data Mining Methods	2020	Encyclopedia of Information Science and Technology, Fifth Edition				10.4018/978-1-7998-3479-3.ch058	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137654578&doi=10.4018%2f978-1-7998-3479-3.ch058&partnerID=40&md5=f22ee9424087aeb033253cef6dad53e4	Book Chapter
Kumar, T.S.M., Krishna, M., Joladarashi, S., Kulkarni, S.M.	57191973248;57142901200;57196088710;7403056726;	Alkali absorption and durability studies on CFRP laminated composites	2020	AIP Conference Proceedings	2247		1	10.1063/5.0003800	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089268091&doi=10.1063%2f5.0003800&partnerID=40&md5=ad4cf00cf761256a55931225c0b93673	Conference Paper

Angadi, G., Murthy, H.N.N., Sridhar, R., Firdosh, S., Roopa, T.S.	57200842568;57216038947;57189034887;55932762800;56788001800;	Study of Mechanical and Moisture Absorption Behavior of Epoxy/Cloisite-15A Nanocomposites Processed Using Twin Screw Extruder	2020	International Polymer Processing	35	3		10.3139/217.3875	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123455591&doi=10.3139%2f217.3875&partnerID=40&md5=0fde9d3e624742ed02017686b82e65a7	Article
Sowmya, K.B., Gagana, P.	57211483117;58309156600;	A system verilog approach for verification of memory controller	2020	International Journal of Reconfigurable and Embedded Systems	9	2	1	10.11591/ijres.v9.i2.pp153-157	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165717906&doi=10.11591%2fijres.v9.i2.pp153-157&partnerID=40&md5=7ba27d4833534e81c890888b83504fd0	Article
Kaushik, S., Raman, A., Rajeswara Rao, K.V.S.	57216769809;57204956185;57190737171;	Leveraging Computer Vision for Emergency Vehicle Detection-Implementation and Analysis	2020	2020 11th International Conference on Computing, Communication and Networking Technologi			15	10.1109/ICCCNT49239.2020.9225331	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096621429&doi=10.1109%2fICCCNT49239.2020.9225331&partnerID=40&md5=03430bf600ef75b78298c238a6e88966	Conference Paper

Ranjini, R., Srivatsa, S., Geetha, K.S.	57220031867;57220027661;55813220500;	PRS Generic Data Store Service	2020	2020 11th International Conference on Computing, Communication and Networking Technologi				10.1109/ICCCNT49239.2020.9225498	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096603999&doi=10.1109%2fICCCNT49239.2020.9225498&partnerID=40&md5=30acb50f46915e8d5a59e1257e58bfc1	Conference Paper
Vidyashree, K.R., DInesh, M.N.	57220030930;58959535500;	Implementation of composite DIMSE services	2020	2020 11th International Conference on Computing, Communication and Networking Technologi				10.1109/ICCCNT49239.2020.9225682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096602602&doi=10.1109%2fICCCNT49239.2020.9225682&partnerID=40&md5=2c3be7cf9c451882a92a99b51ede0d70	Conference Paper
Abhishek Singh, J., Jena, P., Veena Devi, S.V.	57220041429;57197580765;57212534140;	Tracking Targets using Digital Beamforming	2020	2020 11th International Conference on Computing, Communication and Networking Technologi			1	10.1109/ICCCNT49239.2020.9225374	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096595134&doi=10.1109%2fICCCNT49239.2020.9225374&partnerID=40&md5=f3ff60b3c616b7e419051ee10bfd53b5	Conference Paper

Bhargav, S.N., Prasad, V.A.	57201852066;55810815100;	Lane Departure Warning System using TDA3x-rvp Board	2020	2020 11th International Conference on Computing, Communication and Networking Technologi			1	10.1109/ICCCNT49239.2020.9225408	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096589733&doi=10.1109%2fICCCNT49239.2020.9225408&partnerID=40&md5=4d844e2d81c4d92416f0fb8f961fb3fc	Conference Paper
Sachin Kumar, M.R., Shushrutha, K.S.	57220028669;56556976900;	Implementation and Performance Analysis of NB-IoT in LTE	2020	2020 11th International Conference on Computing, Communication and Networking Technologi			4	10.1109/ICCCNT49239.2020.9225508	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096548295&doi=10.1109%2fICCCNT49239.2020.9225508&partnerID=40&md5=ead93ac6f2e0c1d4b64b64a7a36d409d	Conference Paper
Sahana, N., Usha Rani, K.R.	57220033742;36783798100;	Design of Intelligent IP Address Management System for Communication Networks	2020	2020 11th International Conference on Computing, Communication and Networking Technologi				10.1109/ICCCNT49239.2020.9225295	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096539926&doi=10.1109%2fICCCNT49239.2020.9225295&partnerID=40&md5=6a5392bc8ed7a33504e697a27cea4d9c	Conference Paper

Rohit, H.R., Sachin, B.S., Aditya, P., Tripathi, B., Premananda, B.S.	57216411620;57220023858;57220041525;36515658800;37091407700;	Performance Evaluation of Various Beamforming Techniques for Phased Array Antennas	2020	2020 11th International Conference on Computing, Communication and Networking Technologi			3	10.1109/ICCCNT49239.2020.9225569	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096511176&doi=10.1109%2fICCCNT49239.2020.9225569&partnerID=40&md5=55235af2a9ea4c74dcfc697c01a68014	Conference Paper
Bhalla, A.	57219654695;	Reverse Principal Component Analysis for Multi-Output Regression	2020	Proceedings - 2020 Advanced Computing and Communication Technologies for High Performance			1	10.1109/ACCTHPA49271.2020.9213193	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094624806&doi=10.1109%2fACCTHPA49271.2020.9213193&partnerID=40&md5=f7ba11f1c665ab2b3843f87b77ecf8c0	Conference Paper
Nishchal, J., Reddy, S., Navya, P.N.	57219484947;57218830371;57219490588;	Automated Cheating Detection in Exams using Posture and Emotion Analysis	2020	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and			13	10.1109/CONECCT50063.2020.9198691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093117764&doi=10.1109%2fCONECCT50063.2020.9198691&partnerID=40&md5=8ba92d5803b031509272f0eeabfd446b	Conference Paper

Agarwal, A., Ameta, A., Bhati, A., Deshapande, A.	57219483319;57219490793;57219488954;57202899762;	Optimal Network Route Estimator Using Prediction Algorithms	2020	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and			1	10.1109/CONECCT50063.2020.9198468	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093106969&doi=10.1109%2fCONECCT50063.2020.9198468&partnerID=40&md5=81d9f82ebf64e4d6455b0bda3e335b7c	Conference Paper
Kumar, H., Mahendra, B.M., Uttara Kumari, M., Priyambada Mishra, S., Sourabh, P., Maiya, K.A., Kumar, H., B M, M., Uttara Kumari, M., Priyambada Mishra, S.	55841571500;58204721100;55340461500;57219487519;57219486320;57219485495;55841571500;57219482390;55340461500;57219487519;	Cognitive Load Detection on Drivers by Pupillary Analysis	2020	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and			2	10.1109/CONECCT50063.2020.9198441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093101611&doi=10.1109%2fCONECCT50063.2020.9198441&partnerID=40&md5=bebc5843e818b122398982b53de1c433	Conference Paper
B S, A., Kumar, R.P.	57219486072;65069622203;	Real-Time Monitoring of Agricultural Land with Crop Prediction and Animal Intrusion Prevention using Internet of Things and Machine Learning at Edge	2020	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and			13	10.1109/CONECCT50063.2020.9198508	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093096668&doi=10.1109%2fCONECCT50063.2020.9198508&partnerID=40&md5=b4941aa39b0bfb9020677656851fb6d3	Conference Paper

Nandi, S., T.s., I.	57192685095;24829412300;	Mathematical Analysis and Representation of the Transverse Electric Modes of the Symmetric Slab Waveguide	2020	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and			1	10.1109/CONECCT50063.2020.9198469	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093094197&doi=10.1109%2fCONECCT50063.2020.9198469&partnerID=40&md5=e8aefe179afb90b7cfe394e1ecf1ad8b	Conference Paper
As, R., T.s, I.	57219487402;24829412300;	A Comparative Study on the Routing and Wavelength Assignment in WDM	2020	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and			3	10.1109/CONECCT50063.2020.9198388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093075071&doi=10.1109%2fCONECCT50063.2020.9198388&partnerID=40&md5=d809e4112c8e12251057d0e04e432ee7	Conference Paper
Sharma, K., Melavanki, R., Muttannavar, V.T., Thipperudrappa, J., Patil, N.R., Kusanur, R.	57201998937;23061607900;57201996958;10045719900;35366935700;6507727904;	Examining the spectroscopic features and quantum chemical computations of a Quinoline derivative: Experimental and theoretical insights into the photophysical characteristics	2020	Indian Journal of Pure and Applied Physics	58	7	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092261464&partnerID=40&md5=bf60a96da07667e85064fa8559024e09	Article

Kumar B, C., Punitha, R., Mohana	57219280074;57750501400;57113679700;	Performance Analysis of Object Detection Algorithm for Intelligent Traffic Surveillance System	2020	Proceedings of the 2nd International Conference on Inventive Research in Computing Application			24	10.1109/ICIRCA48905.2020.9182793	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092069837&doi=10.1109%2fICIRCA48905.2020.9182793&partnerID=40&md5=2b8828ec07e3440fc9feaa83a7ed8263	Conference Paper
Goudar, S., Aradhya, H.V.R.	57219286985;55616592800;	Development and Analysis of Parameters to Evaluate Design Partitioning of SoC	2020	Proceedings of the 2nd International Conference on Inventive Research in Computing Application			4	10.1109/ICIRCA48905.2020.9182834	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092044790&doi=10.1109%2fICIRCA48905.2020.9182834&partnerID=40&md5=7c10e44af3d91ca3a4a4f754ad5496ea	Conference Paper
Basaweshwari, Ravish Aradhya, H.V., Chan, R., Dai, J., Yenamandra, P.	57219288608;55616592800;57219281445;57219278614;57219280827;	Optimization of Regressions in L2 Cache Verification	2020	Proceedings of the 2nd International Conference on Inventive Research in Computing Application			2	10.1109/ICIRCA48905.2020.9183338	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092042667&doi=10.1109%2fICIRCA48905.2020.9183338&partnerID=40&md5=07f94db9b958c86eaddc640d0709748c	Conference Paper

Swamy, S.V., Srinivasan, G.N., Rashmi, R.	57219278868;56501487200;57521704500;	Study of Redundancy with Domain Proxy for Citizen Broadband Radio Service in 5G Network	2020	Proceedings of the 2nd International Conference on Inventive Research in Computing Application			2	10.1109/ICIRCA48905.2020.9182901	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092041656&doi=10.1109%2fICIRCA48905.2020.9182901&partnerID=40&md5=f36bc621d2f07cdfb74fd79cfe48feb8	Conference Paper
Chavan, A.P., Manohar Ranasubhe, S., Rohit, N., Ravish Aradhya, H.V.	56405270200;57219265869;57208702631;55616592800;	A 2.5mW Low-Power Dual VCO Quantizer for ∑-Modulator in 0.09µm CMOS	2020	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020			1	10.1109/VLSIDCS47293.2020.9179869	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091999623&doi=10.1109%2fVLSIDCS47293.2020.9179869&partnerID=40&md5=5043bdf389e871afb2aa8f6f78dbb586	Conference Paper
Srivatsa, V.G., Chavan, A.P., Mourya, D.	56619293500;56405270200;57219272112;	Design of Low power High Performance Multi Source H-Tree Clock Distribution Network	2020	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020			11	10.1109/VLSIDCS47293.2020.9179954	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091964067&doi=10.1109%2fVLSIDCS47293.2020.9179954&partnerID=40&md5=1c2b199c4e209848519465bbd6fd2069	Conference Paper

Chavan, A.P., Aradhya, H.V.R.	56405270200;55616592800;	Design and Synthesis of Low Power, High Speed 5thOrder Digital Decimation Filter for Sigma- Delta Analog to Digital Converter	2020	Proceedings of the 2020 IEEE International Conference on Communication and Signal Processing, ICCSP 2020			5	10.1109/ICCSP48568.2020.9182295	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091337109&doi=10.1109%2fICCSP48568.2020.9182295&partnerID=40&md5=ae36028c6c4d7e4b1e60b8d9b257b1e1	Conference Paper
Dutta, B., Sunitha, R., Sreedevi, A.	57219120354;57211137476;35173705900;	Modelling of an Interactive Network of Hodgkin-Huxley Neurons	2020	Proceedings of the 2020 IEEE International Conference on Communication and Signal Processing, ICCSP 2020			2	10.1109/ICCSP48568.2020.9182079	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091330252&doi=10.1109%2fICCSP48568.2020.9182079&partnerID=40&md5=9573d12e22ee377c1bdfbad14471d581	Conference Paper
Veena Divya, K., Mukherjee, D., Shree, V., Roy, S., Raghavan, V., Rajasree, P.M., Devaraj, D., Renumadhavi, C.H., Raj Lakshman, V., Subramanya, K.N.	57196194328;57219006401;57215905177;57219007891;57219005566;35332763700;56538214400;36024182900;57219010767;35753798900;	A Novel Approach towards Early Detection of Obliteration in Lumbar Lordosis	2020	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology	#####		2	10.1109/EMBC44109.2020.9176048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091034178&doi=10.1109%2fEMBC44109.2020.9176048&partnerID=40&md5=164e332f93c0579cd2f8808551f8d242	Conference Paper

Jain, H., Vikram, A., Mohana, Kashyap, A., Jain, A.	57193573796;58321663100;57113679700;57218938592;57209886353;	Weapon Detection using Artificial Intelligence and Deep Learning for Security Applications	2020	Proceedings of the International Conference on Electronics and Sustainable Communication			49	10.1109/ICESC48915.2020.9155832	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090855307&doi=10.1109%2fICESC48915.2020.9155832&partnerID=40&md5=bf98dbfa9c8f767db6355fee315d5cad	Conference Paper
Praveen Kumar, Y.G., Karivappa, B.S., Patil, B.H., Naik, A.K., Kumar, P., Kurian, M.Z.	57200167660;35102416500;57218940040;57218935187;57218939748;35318099700;	Power Efficient and High Speed Multiplier Bbased on Ancient Mathematics: A Review	2020	Proceedings of the International Conference on Electronics and Sustainable Communication			5	10.1109/ICESC48915.2020.9155709	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090830782&doi=10.1109%2fICESC48915.2020.9155709&partnerID=40&md5=e2807c716100576fb7a468e99d579dee	Conference Paper
Ajaya, K.M., Dinesh, M.N.	58906797000;34869411600;	Synthesis and characterization of Deccan hemp plant-based electrode material for supercapacitor applications	2020	AIP Conference Proceedings	2244			10.1063/5.0009000	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088126913&doi=10.1063%2f5.0009000&partnerID=40&md5=6ed02a509896f48610f8fdbe5241b130	Conference Paper

Radhakrishna	35771473600;	Strength assessment in Portland cement and geopolymer composites with abrams' law as basis	2020	Journal of Advanced Concrete Technology	18	7		10.3151/jact.18.320	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091337604&doi=10.3151%2fjact.18.320&partnerID=40&md5=5e91d5d765496120e539e02705a77c58	Article
Das, D., Kakati, M., Gracy, A., Sanjeev, A., Patra, S.M., Mattaparthi, V.S.K.	57218910228;57218915666;57218905686;57192062697;7007045200;54962670000;	Screening of druggable conformers of α-synuclein using molecular dynamics simulation	2020	Biointerface Research in Applied Chemistry	10	3	3	10.33263/BRIAC103.338347	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089561952&doi=10.33263%2fBRIAC103.338347&partnerID=40&md5=8650bb40df54234674f10eab81648de6	Article
Amalkar, M.S., Renukadevi, M.V., Jagadish, K.S., Basutkar, S.M.	57207228958;57202150127;67014577776;57205650170;	Effect of slenderness and eccentricity on the strength of concrete block masonry: An experimental investigation	2020	SN Applied Sciences	2	6	3	10.1007/s42452-020-2829-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100715320&doi=10.1007%2fs42452-020-2829-6&partnerID=40&md5=26d94880820c22dfdfa893e96dde0be8	Article

Manjunatha, C., Chirag, V., Shivaraj, B.W., Srinivasa, N., Ashoka, S.	56919543200;57215187899;57195176001;57210451462;52364988000;	One pot green synthesis of novel rGO@ZnO nanocomposite and fabrication of electrochemical sensor for ascorbic acid using screen-printed electrode	2020	Journal of Nanostructures	10	3	19	10.22052/JNS.2020.03.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091860743&doi=10.22052%2fJNS.2020.03.009&partnerID=40&md5=b980889faaf63ae80b8b334df124bd7d	Article
Sowmya, K.B., Gomes, S., Tadiparthi, V.R.	57211483117;57219119232;57219119604;	Design of UART Module using ASMD Technique	2020	Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020			2	10.1109/ICCES48766.2020.09138098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091344634&doi=10.1109%2fICCES48766.2020.09138098&partnerID=40&md5=967d955ac786975e272d23d6a2cc7822	Conference Paper
Franklin Mohana, R.J.	57113679700;	Traffic signal violation detection using artificial intelligence and deep learning	2020	Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020			38	10.1109/ICCES48766.2020.09137873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091337316&doi=10.1109%2fICCES48766.2020.09137873&partnerID=40&md5=d34607080986dbb4d51ccbd7b798b02d	Conference Paper

Dhanalakshmi, T.S., Meleet, M.	57219119818;57204031776;	Predicting clinical re-admission using discharge summaries (pcruds)	2020	Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020			2	10.1109/ICCES48766.2020.09137851	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091336591&doi=10.1109%2fICCES48766.2020.09137851&partnerID=40&md5=d497f82c0d0fd28a8b91a587128130ed	Conference Paper
Shourya, T.R., Anirudh Sharma, C.A.	57202978078;57202988694;	Armature voltage control: A modus operandi for speed control of DC motor employing 1phase full converter drives	2020	Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020				10.1109/ICCES48766.2020.09138063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091336228&doi=10.1109%2fICCES48766.2020.09138063&partnerID=40&md5=278be60be6684060b61daa0aed87b70e	Conference Paper
Kanase, G., Sowmya, K.B.	57219119758;57211483117;	Physical implementation of shift register with respect to timing and dynamic drop	2020	Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020			3	10.1109/ICCES48766.2020.09137916	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091335938&doi=10.1109%2fICCES48766.2020.09137916&partnerID=40&md5=5e3c1b75e210b5c2acec8d1292f1aad0	Conference Paper

Aditya Vikram, M.	57113679700;	Anomaly detection in network traffic using unsupervised machine learning approach	2020	Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020			24	10.1109/ICCES48766.2020.09137987	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091335828&doi=10.1109%2fICCES48766.2020.09137987&partnerID=40&md5=f47b759a19dd4a5053970889ceda227d	Conference Paper
Pallavi, S., Shruti, S., Anismita, S., Tanisha, U., Sumathra, M., Manjunatha Reddy, A.H.	57212698462;57218956973;57218955308;57218951294;12781751200;57703449800;	In silico study of the therapeutic role of natural compounds in influenza A	2020	Research Journal of Biotechnology	15	6			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090904401&partnerID=40&md5=6c55dec504cc0e61da359b15eb888fb7	Article
Manjulamma, U., Nagaraja, H.G., Kiran Kumar, D.L.	57218792231;7003457645;57204661746;	Generalized complex space forms	2020	Jordan Journal of Mathematics and Statistics	13	2			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090273724&partnerID=40&md5=5e724e1fecbb7fa04a03ef9d34d2c942	Article

Inamdar, M.A., Kumaraswamy, H.V.	57218669530;24534870500;	Accurate Primary User Emulation Attack (PUEA) Detection in Cognitive Radio Network using KNN and ANN Classifier	2020	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020			7	10.1109/ICOEI48184.2020.9143015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089965345&doi=10.1109%2fICOEI48184.2020.9143015&partnerID=40&md5=8f1101b9cd2ca96c54ef0cf8525b3278	Conference Paper
Gogi, V.J., Vijayalakshmi, M.N.	57215815554;57200630505;	Review of Machine Learning Methods for the Survey on HCC Scenario and Prediction Strategy	2020	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020			3	10.1109/ICOEI48184.2020.9142968	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089959875&doi=10.1109%2fICOEI48184.2020.9142968&partnerID=40&md5=96163ece7c2a66953e0459af479f2cff	Conference Paper
Kirthika Devi, V.S., Srivani, S.G.	56168988000;26422586800;	A prototype model of an efficient transformerless inverter with dq controller for grid connected photovoltaic system	2020	Journal of Green Engineering	10	6			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088980178&partnerID=40&md5=1243b5e2a8b70019530547c09ac2c0a5	Article

Soujanya Avadhani, M.D., Kiran, V.	57217534875;57264437000;	Future of timing analysis in VLSI circuits	2020	International Journal of Electrical Engineering and Technology	11	4	1	10.34218/IJEET.11.4.2020.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087377244&doi=10.34218%2fIJEET.11.4.2020.007&partnerID=40&md5=a983a55ff793b3a4807250c51d5e810f	Article
Natesh Gowda, G.M., Hiremath, S.	57217531921;24472958900;	Layout verification of hard macros	2020	International Journal of Electrical Engineering and Technology	11	4		10.34218/IJEET.11.4.2020.015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087374537&doi=10.34218%2fIJEET.11.4.2020.015&partnerID=40&md5=9384ee5adfbe4c00e61eaec4224c86f4	Article
Govind, G., Kiran, V., Alwyn, J.	57217529997;57264437000;57217531440;	Design and development of a novel quality assurance regression infrastructure	2020	International Journal of Electrical Engineering and Technology	11	4		10.34218/IJEET.11.4.2020.012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087352095&doi=10.34218%2fIJEET.11.4.2020.012&partnerID=40&md5=975091a84607f88e8611e351d8dd4aae	Article

Meghana, S., Roja Reddy, B.	57208717722;15754415500;	Implementation of ANFIS algorithm for efficient spectrum hands-offs in cognitive radio networks	2020	International Journal of Electrical Engineering and Technology	11	4		10.34218/IJEET.11.4.2020.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087342143&doi=10.34218%2fIJEET.11.4.2020.004&partnerID=40&md5=50c7568bf091aaa6b121dcad4806cbde	Article
Manjunatha, C., Srinivasa, N., Chaitra, S.K., Sudeep, M., Chandra Kumar, R., Ashoka, S.	56919543200;57210451462;57216431243;57205645458;57200851382;52364988000;	Controlled synthesis of nickel sulfide polymorphs: studies on the effect of morphology and crystal structure on OER performance	2020	Materials Today Energy	16		58	10.1016/j.mtener.2020.100414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083507052&doi=10.1016%2fj.mtener.2020.100414&partnerID=40&md5=34021b96c00f2b71082f7a6e93a9c47f	Article
Jawalgi, A.S., Renukadevi, M.V., Jagadish, K.S., Basutkar, S.M.	55832492400;57202150127;67014577776;57205650170;	Composite T-beam Roof: An Alternate Affordable Roofing System	2020	Journal of The Institution of Engineers (India): Series A	101	2		10.1007/s40030-020-00435-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079819521&doi=10.1007%2fs40030-020-00435-7&partnerID=40&md5=a234f1ac66ecbbd8a3510cf5191b8a3f	Article

Patil, D., Bhandari, D., Gorkal, A., Nataraj, J.R.	57215628932;55931729100;650809 3947;5603073900 0;	Computational Analysis and Design Improvement of an Industrial Centrifugal Pump with Experimental Validation	2020	Journal of The Institution of Engineers (India): Series C	101	3		10.1007/s40032-020-00567-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079703757&doi=10.1007%2fs40032-020-00567-6&partnerID=40&md5=1450e1f4fdfc63a57b7943c18fba4fb1	Article
Sumathi, M.S., Anitha, G.S.	57198890130;57204648570;	Link Aware Routing Protocol for Landslide Monitoring Using Efficient Data Gathering and Handling System	2020	Wireless Personal Communications	112	4	3	10.1007/s11277-020-07169-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079166033&doi=10.1007%2fs11277-020-07169-6&partnerID=40&md5=1c02169ae91ec979ee2794a588b26154	Article
Sagar, K.G., Suresh, P.M., Nataraj, J.R.	57205062104;56289883000;560307 39000;	Effect of Beryl Reinforcement in Aluminum 2024 on Mechanical Properties	2020	Journal of The Institution of Engineers (India): Series C	101	3	7	10.1007/s40032-020-00554-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078189599&doi=10.1007%2fs40032-020-00554-x&partnerID=40&md5=746116b2f6e8bf854cc338d71f84813e	Article

Hossiney, N., Sepuri, H.K., Mohan, M.K., H R, A., Govindaraju, S., Chyne, J.	36806140800;57212378355;56421484400;57212384111;56509312200;57212387600;	Alkali-activated concrete paver blocks made with recycled asphalt pavement (RAP) aggregates	2020	Case Studies in Construction Materials	12		32	10.1016/j.cscm.2019.e00322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076540071&doi=10.1016%2fj.cscm.2019.e00322&partnerID=40&md5=1c343306cd4240e48ba0dfb1dd8fd4a3	Article
Vinod, A.R., Mahalingegowda, R.M.	55170177500;55173667300;	An Initiative Batch Experimental Studies On Fibrous Materials As Fixed Beds For Wastewater Treatment	2020	Indian Journal of Environmental Protection	40	5			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142528435&partnerID=40&md5=f09676542e79fb7ad47484b9438f1731	Article
Thomas, C., Suresh, B.S., Vijayalakshmi, M.N.	57656532400;57560671700;55489976400;	Data Merger Computing for an Intelligent Report Generation	2020	SN Computer Science	1	3		10.1007/s42979-020-00157-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127510672&doi=10.1007%2fs42979-020-00157-4&partnerID=40&md5=e86d93967094d74becbfe036fecfad48	Article

Mathkunti, N.M., Rangaswamy, S.	55814013700;35293507700;	Machine Learning Techniques to Identify Dementia	2020	SN Computer Science	1	3	13	10.1007/s42979-020-0099-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121624226&doi=10.1007%2fs42979-020-0099-4&partnerID=40&md5=34c267092cd02180f499f8734ebca521	Article
Smruthi, K.M., Yashwanth, K.N., Vijayalakshmi, M.N.	57202405539;57560231700;55489976400;	Intelligent Autonomous Vehicle Control Using Smartphone	2020	SN Computer Science	1	3	3	10.1007/s42979-020-00159-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114224355&doi=10.1007%2fs42979-020-00159-2&partnerID=40&md5=5d039b2f8ae0f82dea0f0208f2ab5f0c	Article
Shruthi, P., Cholli, N.G.	57215743819;57202086135;	Software aging prediction and rejuvenation in cloud computing environment-A new approach	2020	Indonesian Journal of Electrical Engineering and Computer Science	22	2		10.11591/ijeecs.v22.i2.pp398-404	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105892899&doi=10.11591%2fijeecs.v22.i2.pp398-404&partnerID=40&md5=f216dd57cc25e8c13b8b6b02345e7536	Article

Kirthika Devi, V.S., Srivani, S.G.	56168988000;26422586800;	Performance analysis of modified incremental conductance algorithm for photovoltaic system	2020	Journal of Green Engineering	10	5	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090100871&partnerID=40&md5=c3f5a621e676467c0df2ed7ce9ce09b2	Article
Sridhar, A., Sharvani, G.S., Reddy, A.H.M., Nagaraj, K.	57193230814;35293488200;57703449800;57200284206;	Envisaging prominence of indian telecom operators using an ensemble link based approach	2020	Indian Journal of Computer Science and Engineering	11	3	2	10.21817/indjcse/2020/v11i3/201103359	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088034092&doi=10.21817%2findjcse%2f2020%2fv11i3%2f201103359&partnerID=40&md5=378e23b7698280631977444722a86d25	Article
Radhika, M.G., Gopalakrishna, B., Chaitra, K., Bhatta, L.K.G., Venkatesh, K., Sudha Kamath, M.K., Kathyayini, N.	57216897644;57216901264;56586032500;56502004200;56501605800;57216895120;56737108200;	Electrochemical studies on Ni, Co & Ni/Co-MOFs for high-performance hybrid supercapacitors	2020	Materials Research Express	7	5	47	10.1088/2053-1591/ab8d5d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085184175&doi=10.1088%2f2053-1591%2fab8d5d&partnerID=40&md5=3c4a9bf71d45ee304932c442a9c91b26	Article

Patil, S.R., Narasimha Murthy, H.N., Srivatsa, G.S., Yandigeri, V.S., Ramanraj, Meti, B., Angadi, G., Harish, D.V.N.	57190817030;650 7666550;5720194 2064;5721664734 2;57216647078;5 7216647748;5720 0842568;5720719 1533;	Study of vibration behaviour of stiffened polymer composite shells for underwater structural applications	2020	Defence Science Journal	70	3	2	10.14429/dsj.70.1 4703	https://www.scop us.com/inward/re cord.uri?eid=2- s2.0- 85084187185&do i=10.14429%2fds j.70.14703&partn erID=40&md5=9 18665ff4accae70 6b7f8b9d1abad0b b	Article
Sakkara, S., Nataraj, D., Venkatesh, K., Xu, Y., Patil, J.H., Reddy, N.	57203280698;571 94347054;565016 05800;740645204 9;55094514000;3 5613410000;	Effect of pH on the physicochemical properties of starch films	2020	Journal of Applied Polymer Science	137	15	20	10.1002/app.4856 3	https://www.scop us.com/inward/re cord.uri?eid=2- s2.0- 85074052794&do i=10.1002%2fapp .48563&partnerI D=40&md5=fb83 20e61221b60526 2e5ea031025a5e	Article
Ramadas, S.S., Nandihalli, R.	57205445281;571 94442079;	Configuring optimal hybrid re system with the aid of efficient social spider optimization (Esso)	2020	Internation al Journal of Advanced Science and Technology	29	5			https://www.scop us.com/inward/re cord.uri?eid=2- s2.0- 85084117118&pa rtnerID=40&md5 =d78a9ee730019 1afb3e7600fee47 c649	Article

Padmavathi, C., Veenadevi, S.V.	57201120726;56039237400;	Heart disease recognition from ECG signal using deep learning	2020	International Journal of Advanced Science and Technology	29	5	5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083850904&partnerID=40&md5=f20f85bb6eef910897beb7b82cadf289	Article
Venkataswamy, R., Uma Rao, K., Meena, P.	57191613873;6507545977;57214561723;	Internet of things based metaheuristic reliability centered maintenance of distribution transformers	2020	IOP Conference Series: Earth and Environmental Science	463	1	2	10.1088/1755-1315/463/1/012047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083420404&doi=10.1088%2f1755-1315%2f463%2f1%2f012047&partnerID=40&md5=2c102faaf456a4924005ea8a92187c0b	Conference Paper
Vidya, C., Manjunatha, C., Sudeep, M., Ashoka, S., Lourdu Antony Raj, M.A.	57204896836;56919543200;57205645458;52364988000;37024734100;	Photo-assisted mineralisation of titan yellow dye using ZnO nanorods synthesised via environmental benign route	2020	SN Applied Sciences	2	4	25	10.1007/s42452-020-2537-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092716380&doi=10.1007%2fs42452-020-2537-2&partnerID=40&md5=2d2d26702722b264a9dc5d4ad3987721	Article

Narendra Kumar, S., Muralidhara, P.L., Hiremath, L., Swathi, P.R.	57200319371;55180761200;57204661876;57516224900;	A recent advancement on treatment technologies for handling of pharma waste water	2020	Research Journal of Pharmacy and Technology	13	4	2	10.5958/0974-360X.2020.00356.X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086148752&doi=10.5958%2f0974-360X.2020.00356.X&partnerID=40&md5=4f6e65658f2bc15638c80313d94aa545	Article
Hadimani, P., Narasimha Murthy, H.N., Mudbidre, R.	56239626800;56507666550;56020662300;	Processing and characterization of polyphenylene ether/polystyrene/nylon-6 ternary blends	2020	International Polymer Processing	35	2	3	10.3139/217.3864	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083970357&doi=10.3139%2f217.3864&partnerID=40&md5=74d72c05446907a137831193c6e77a55	Article
Harish, D.V.N., Bharatish, A., Narasimha Murthy, H.N., Subramanya, K.N.	57207191533;55745948600;650766655 0;35753798900;	Simultaneous optimization of nanosecond laser ablation and frictional characteristics of tantalum carbide coated graphite substrates	2020	Optik	208		3	10.1016/j.ijleo.2020.164557	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081680448&doi=10.1016%2fj.ijleo.2020.164557&partnerID=40&md5=52b3f0f7f546ec0a8cdd8cf1dc9170f1	Article

Keshav, M., Nagaraj, S., Gudda, S.	57225194253;35366727200;57216147860;	Investigation of matrix fin based effluent cooling system	2020	Journal of Physics: Conference Series	1473	1		10.1088/1742-6596/1473/1/012053	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082708566&doi=10.1088%2f1742-6596%2f1473%2f1%2f012053&partnerID=40&md5=84b52d83a3ed7fe6e3de965f197d3	Conference Paper
Rao, S., Ankitha, Varma, R., Goswami, A.	57219402410;57214807398;57219403543;57219402765;	Design and Construction of Power Distribution Architecture of a CubeSat using Genetic Algorithm	2020	IEEE Aerospace Conference Proceedings				10.1109/AERO47225.2020.9172322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092598867&doi=10.1109%2fAERO47225.2020.9172322&partnerID=40&md5=404aaef75d3cafaf912e280116f74a00	Conference Paper
Bhavya, P., Melavanki, R., Kusanur, R., Thipperudrappa, J.	57192250851;23061607900;650772790 4;10045719900;	Preferential solvation and bimolecular quenching reactions of boronic acid dye at very low quencher concentrations studied by fluorescence spectrum in toluene and butanol binary mixtures	2020	Indian Journal of Pure and Applied Physics	58	3	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085485877&partnerID=40&md5=e79e5bd6ee81d1d94a579dc89b6299cf	Article

Raman, A., Kaushik, S., Rao, K.V.S.R., Moharir, M.	57204956185;57216769809;57190737171;54419033000;	A Hybrid Framework for Expediting Emergency Vehicle Movement on Indian Roads	2020	2nd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2020 -			17	10.1109/ICIMIA48430.2020.9074933	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084597204&doi=10.1109%2fICIMIA48430.2020.9074933&partnerID=40&md5=d66e8cef541c3e99ed31618f1c7dac31	Conference Paper
Sandeep, G.S., Mamatha, G.S.	8296145300;35146519000;	Recent Survey on Rate Distortion Optimization for HEVC and its Scalable Extensions-SHVC	2020	2nd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2020 -				10.1109/ICIMIA48430.2020.9074882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084596810&doi=10.1109%2fICIMIA48430.2020.9074882&partnerID=40&md5=dcba837ed2c85537ce1f987da840d263	Conference Paper
Manasa, J., Gupta, R., Narahari, N.S.	57216758039;56621755900;56436569500;	Machine Learning based Predicting House Prices using Regression Techniques	2020	2nd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2020 -			36	10.1109/ICIMIA48430.2020.9074952	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084562418&doi=10.1109%2fICIMIA48430.2020.9074952&partnerID=40&md5=5e25cc473d55c8ff2f917af38c66fd88	Conference Paper

Roopa, N.K., Mamatha, G.S.	57216767601;35146519000;	Correlating the Machine Learning Models for Automatic Error Detection and Correction in Medical Images	2020	2nd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2020 - Conference			1	10.1109/ICIMIA48430.2020.9074862	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084550175&doi=10.1109%2fICIMIA48430.2020.9074862&partnerID=40&md5=eb4a00c9af2c24d1b8cd21ba64b3fbff	Conference Paper
Manjunatha, C., Patil, R.S., Sudeep, M., Srinivasa, N., Kumar, R.C., Sham Aan, M.P., Ashoka, S.	56919543200;58253142000;57205645458;57210451462;57200851382;57226233455;52364988000;	Rational design and synthesis of hetero-nanostructured electrospun PU@PANI@FeS2: A surface tailored hybrid catalyst for H2 production via electrochemical splitting of water	2020	Surfaces and Interfaces	18		16	10.1016/j.surfin.2020.100445	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078169241&doi=10.1016%2fj.surfin.2020.100445&partnerID=40&md5=8b4be3d2c0ea91195e780b207efdc837	Article
Kulkarni, B.N.	57211643347;	Environmental sustainability assessment of land disposal of municipal solid waste generated in Indian cities – A review	2020	Environmental Development	33		51	10.1016/j.envdev.2019.100490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077628306&doi=10.1016%2fj.envdev.2019.100490&partnerID=40&md5=fa75cb615f0fced88859c3b17cbdd1ca	Review

Apsara, M.B., Dayananda, P., Sowmyarani, C.N.	57195216225;56373894500;55532106000;	A Review on Secure Group Key Management Schemes for Data Gathering in Wireless Sensor Networks	2020	Engineering, Technology and Applied Science Research	10	1	7	10.48084/etasr.3213	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122106979&doi=10.48084%2fetasr.3213&partnerID=40&md5=abbb586db7ed1267b0af80142a2892ea	Article
Arpitha Raju, B., Nandihalli, R., Nanjundappa, C.E., Shivakumara, I.S.	55958990100;57194442079;65071674403;6603560855;	Buoyancy-surface tension driven forces on electro-thermal-convection in a rotating dielectric fluid-saturated porous layer: effect of cubic temperature gradients	2020	SN Applied Sciences	2	2	2	10.1007/s42452-019-1904-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100759972&doi=10.1007%2fs42452-019-1904-3&partnerID=40&md5=3ea9a80860c0d81394fd7496da27a6dc	Article
Krishna, N., Nagamani, K.	57191226243;57218872766;	Glaucoma Diagnosis Using State of Art Image Analysis Techniques: A Comprehensive Survey	2020	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020			2	10.1109/ICICT48043.2020.9112529	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087000630&doi=10.1109%2fICICT48043.2020.9112529&partnerID=40&md5=41f8117c5e22c08bb808a0b219c02973	Conference Paper

Nagendra, J.S., Ramavenkateswaran, N.	57217280783;57200086547;	An Overview of Low Power Design Implementation of A Subsystem using UPF	2020	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020			3	10.1109/ICICT48043.2020.9112524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086999263&doi=10.1109%2fICICT48043.2020.9112524&partnerID=40&md5=e43d423c969829a803e7a38dadabc1d9	Conference Paper
Hukkeri, T.S., Shobha, G., Phal, S.M., Shetty, J., Yatish, H.R., Mohammed, N.	57214225747;14829661100;57214218504;55994536900;57214221695;57215835685;	Massively scalable image processing on the HPCC systems big data platform	2020	ACM International Conference Proceeding Series			1	10.1145/3378936.3378978	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082014574&doi=10.1145%2f3378936.3378978&partnerID=40&md5=453a9b45f9b8192ee79fc198942b5516	Conference Paper
Manjunatha, C., Hari Krishna, R., Ashoka, S.	56919543200;55881270900;52364988000;	Green synthesis of inorganic nanoparticles using microemulsion methods	2020	Green Sustainable Process for Chemical and Environmental Engineering and Science: Green Inorganic			4	10.1016/B978-0-12-821887-7.00002-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126405869&doi=10.1016%2fB978-0-12-821887-7.00002-1&partnerID=40&md5=62c3c2bb428d4c631b4dd4f646e48474	Book Chapter

Manjunatha, C., Ashoka, S., Hari Krishna, R.	56919543200;52364988000;55881270900;	Microwave-assisted green synthesis of inorganic nanomaterials	2020	Green Sustainable Process for Chemical and Environmental Engineering and Science: Green Inorganic			6	10.1016/B978-0-12-821887-7.00011-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126399172&doi=10.1016%2fB978-0-12-821887-7.00011-2&partnerID=40&md5=876362847619b25ee75f87e7d2708703	Book Chapter
Gangadhar, T.G., Girish, D.P., Satheesh, J., Prapul Chandra, A.C., Vishal	57210571003;56872793500;57207617380;57210573298;57919353900;	Study on mechanical properties of Al7050 alloy hybrid composites by stir casting method	2020	Materials Today: Proceedings	46		5	10.1016/j.matpr.2020.12.471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114164650&doi=10.1016%2fj.matpr.2020.12.471&partnerID=40&md5=1b926031227885763993722 0dbc6dac4	Conference Paper
Gangadhar, T.G., Girish, D.P., Prapul Chandra, A.C., Karthik Raj, K.V.	57210571003;56872793500;57210573298;57244460400;	Effect of hybrid reinforcements on corrosion characteristics of Al7075 based composites	2020	Materials Today: Proceedings	46		2	10.1016/j.matpr.2020.12.779	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114163548&doi=10.1016%2fj.matpr.2020.12.779&partnerID=40&md5=4c413e5577a3804d2bdbd8b35b671671	Conference Paper

Ibrahim K, M., Havaldar, S.S., Hiriyannaiah, A.	57244326700;55348304200;56532004400;	Composition optimization for NiAl + Al2O3+ CeO composite coating on bearing steel by air plasma spray	2020	Materials Today: Proceedings	46		4	10.1016/j.matpr.2021.01.139	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114155504&doi=10.1016%2fj.matpr.2021.01.139&partnerID=40&md5=f13dcc0817c04096dca3e836d7abc22b	Conference Paper
Swamy, S.R., Mamatha, P.K.	13405020400;57218625039;	Certain classes of bi-univalent functions associated with q-analogue of bessel functions	2020	South East Asian Journal of Mathematics and Mathematical Sciences	16	3	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109031752&partnerID=40&md5=6adf5af739cb5afadf2fc28a5941b943	Article
Madhu, B.P., Mahendramani, G., Bhaskar, K.	57213015447;57224014090;700704 9585;	Numerical analysis on flow properties in convergent - Divergent nozzle for different divergence angle	2020	Materials Today: Proceedings	45		4	10.1016/j.matpr.2020.10.419	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106721884&doi=10.1016%2fj.matpr.2020.10.419&partnerID=40&md5=b8bcc349460abd445add4e75579162d9	Conference Paper

Nagesha, B.K., Anand Kumar, S., Vinodh, K., Pathania, A., Barad, S.	57215206452;57202588617;57223357541;56966465300;6506631163;	A thermo-Mechanical modelling approach on the residual stress prediction of SLM processed HPNGV aeroengine part	2020	Materials Today: Proceedings	44		21	10.1016/j.matpr.2020.12.940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105727724&doi=10.1016%2fj.matpr.2020.12.940&partnerID=40&md5=5c815a0541feb946a6d5e8cd68fe32c9	Conference Paper
Managuli, M., Deshpande, A.	57201949007;57202899762;	A role of e-nose system information gathering with smart phone	2020	Materials Today: Proceedings	43		1	10.1016/j.matpr.2020.09.069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105596456&doi=10.1016%2fj.matpr.2020.09.069&partnerID=40&md5=61c5cd1015771c51cad0c26ff1684e84	Conference Paper
Rekha, B., Ravindra, R.	57223264686;57211334046;	Reliability analysis of precast prestressed hollow core slabs	2020	International Journal of Reliability and Safety	14	4		10.1504/IJRS.2020.114695	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105370634&doi=10.1504%2fIJRS.2020.114695&partnerID=40&md5=e6f577d098e88a6ad23532ff93975b70	Article

Rahul D, S., Vikas Reddy, S., Tarun, N., Basutkar, S.M., Wali, R.S., Renukadevi, M.V.	57222962690;57222959476;57222962939;57205650170;57222958934;57202150127;	Influence of brick waste and brick waste fines as fine aggregate on the properties of paver blocks - Preliminary investigation	2020	Materials Today: Proceedings	43		7	10.1016/j.matpr.2020.09.312	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104246531&doi=10.1016%2fj.matpr.2020.09.312&partnerID=40&md5=70d12cd31e687ecce3cbe8b0b5bb8d11	Conference Paper
Lokeshwari, M., Pavan Bandakli, B.R., Tarun, S.R., Sachin, P., Kumar, V.	36717811400;57222965297;57222962255;57223176339;57220974851;	A review on self-curing concrete	2020	Materials Today: Proceedings	43		14	10.1016/j.matpr.2020.12.859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104239400&doi=10.1016%2fj.matpr.2020.12.859&partnerID=40&md5=9a666ecc130454127eb4da9fa2543d0f	Conference Paper
Malhotra, K., Kumari, M.U., G., S., Karbari, S.R.	57222756254;55340461500;57222760618;57203020105;	Design and simulation of stacked PVDF layers with ZnO for piezoelectric nanodevices	2020	Materials Today: Proceedings	42		2	10.1016/j.matpr.2020.11.881	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104007008&doi=10.1016%2fj.matpr.2020.11.881&partnerID=40&md5=18b5cfbc4b54d602c712ad3c805ce891	Conference Paper

Madhavi, K., Harshith, V.V., Gangadhar, M., Chethan Kumar, V., Raghavendra, T.	57222635529;57221908099;57222635738;57222639962;56394374000;	External strengthening of concrete with natural and synthetic fiber composites	2020	Materials Today: Proceedings	38		18	10.1016/j.matpr.2020.08.737	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103570584&doi=10.1016%2fj.matpr.2020.08.737&partnerID=40&md5=e28a651570294e665e957394a87fbd62	Conference Paper
Akshatha, M., Rao, N.N.	57222317406;55988649300;	A comparative metabolite analyses of the ethanolic extract of leaf and corm of colocasia esculenta (L) schott. by gc-ms	2020	Indian Journal of Agricultural Biochemistry	33	2		10.5958/0974-4479.2020.00031.3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102241240&doi=10.5958%2f0974-4479.2020.00031.3&partnerID=40&md5=cdc28bc49deec3dbdff122a31504272d	Article
Supreeth, R., Arokkiaswamy, A., Anirudh, K., Pradyumna, R.K., Pramod, P.K., Sanarahamat, A.K.	57209681773;22950221500;57209645718;57292291900;57226355515;57222159259;	Experimental and Numerical Investigation of the Influence of Leading Edge Tubercles on S823 Airfoil Behavior	2020	Journal of Applied Fluid Mechanics	13	6	9	10.47176/jafm.13.06.31244	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101018579&doi=10.47176%2fjafm.13.06.31244&partnerID=40&md5=0f9379cb58d640ff11ea0b8fb074e455	Article

Bhavana, K., Varma, R., Sankar, T.	57222010095;57219403543;57222009180;	Space debris mitigation using photonic laser thrust	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100945370&partnerID=40&md5=31b2912fe56f60a0688555a157d3eabd	Conference Paper
Deepak, K., Wangikar, A., Patil, H., Sumedha, Y.D.	58320556900;57222004585;57222005853;57222003752;	Computational analysis of drag characteristics and optimization of a parachute by varying density of inlet gases for different planetary atmospheric conditions	2020	Proceedings of the International Astronautical Congress, IAC	#####		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100939527&partnerID=40&md5=a720b6cf15206192e7cbb4ecadd59f0e	Conference Paper
Chaturvedi, P., Choudhary, S., Madhu, S., Kedia, R., Shetty, M.S.	57214797168;56299536300;57208632034;57214794354;57222006957;	Green propellants: Bio-products and water as fuel for cubesat propulsion	2020	Proceedings of the International Astronautical Congress, IAC	#####		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100938624&partnerID=40&md5=f6250d075a03f46a34d9e312f7f4e87c	Conference Paper

Sanjay, A., Bavikar, K., Maneesh, M., Chathura, G.R.	57221605027;57221615234;57222008825;57222008823;	Protection against micrometeoroid impacts in geo-satellites using aluminium-based self-healing material aided by accessible thermal energy	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100935825&partnerID=40&md5=9f8c953d16d59d663b4ec650ba501576	Conference Paper
Srivastava, A., Agrawal, N., Shetty, K.D., Aryan, K.	57214793806;57206287528;57214792717;57222004524;	Use of shape memory alloys to realize a customizable multi-band antenna for communication	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100932963&partnerID=40&md5=074b6a6268989b0f1e47afca56bfbc08	Conference Paper
Vaishnav, A., Srivastava, A.	57214793859;57214793806;	Quantum computing and LIGO	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100929363&partnerID=40&md5=6ca312a6d1dda83e1f18cb2151de5b82	Conference Paper

Saha, A., Prabhu, A.A.	57222002331;58099250800;	Effects of simulated microgravity on mammalian fertilization and embryonic stem cells	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100925672&partnerID=40&md5=2a528f201b55ea516780aa09e23495eb	Conference Paper
Choudhary, S., Shetty, M.S., Madhu, S., Chaturvedi, P., Kedia, R.	56299536300;57222006957;57208632034;57214797168;57214794354;	Van allen radiation belt impact on hela cells	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100920820&partnerID=40&md5=f4b58e32852946efdfe3b5a122412fb6	Conference Paper
Ramesh, N.D., Vasisth, R.S., Hebbar, S.	57214793978;57222010268;57222010792;	Biosignature detection in exoplanets by using deep learning models on absorption line spectral data	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100918436&partnerID=40&md5=fbc07edb3e7db275ff32f04416d2836d	Conference Paper

Hebbar, S., Ramesh, N.D., Vasisth, R.S.	57222010792;57214793978;57222010268;	Air pollution in New Delhi, India: Source detection and prediction of seasonal variations in pollutant concentrations using machine learning	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100916985&partnerID=40&md5=2820152bb287d083b23971889cbfef07	Conference Paper
Shetty, K.D., Manjunath, A.K., Agrawal, N., Prerana, M., Anil, A.	57214792717;57214804700;57206287528;57222005005;57222003596;	Design of cost effecetive and power efficient communication system for experimental sounding rockets	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100914458&partnerID=40&md5=6fd51cb84feee67a77710fa6417422be	Conference Paper
Sharma, S., Giridharan, N., Chandra, A., Bavikar, K.	57307405400;57222008207;56016222300;57221615234;	AARAMBH, the futuristic lunar surface vehicle	2020	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100914086&partnerID=40&md5=02302158fe60b7f464a8e541109ccab1	Conference Paper

Swamy, S.N., Kota, S.R.	57208305262;55339693000;	An empirical study on system level aspects of Internet of Things (IoT)	2020	IEEE Access	8		115	10.1109/ACCESS.2020.3029847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100544074&doi=10.1109%2fACCESS.2020.3029847&partnerID=40&md5=03fcc8b14ea84056f18d4c07f3188a21	Article
Prapulla, S.B., Shetty, J., Kulkarni, V.A., Subramanya, K.N., Uma, B.V., Ramakanth Kumar, P., Shobha, G.	57193065088;55994536900;57209466040;35753798900;55130921800;6506962203;14829661100;	Design and analysis of an online course using moodle platform	2020	Journal of Engineering Education Transformations	33	Special Issue	1	10.16920/jeet/2020/v33i0/150158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100044043&doi=10.16920%2fjeet%2f2020%2fv33i0%2f150158&partnerID=40&md5=1a17d079ca5bbb6a2a9d9e83a6bb3adf	Article
Ghuli, P., Manoj Kartik, R., Amaan, M., Mohta, M., Kruthik Bhushan, N., Ghuli, P., Shobha, G.	56125487700;57221647839;58929226000;57221646222;57221641658;56125487700;14829661100;	Recommendation system for SmartMart-A virtual supermarket	2020	Advances in Science, Technology and Engineering Systems	5	6	1	10.25046/aj0506170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099703131&doi=10.25046%2faj0506170&partnerID=40&md5=a15ec11b591e18ff0335c584b1087acb	Article

Uma Rao, K., Prema, V., Subramanya, K.N.	6507545977;56096780000;35753798900;	Plickers: An ict tool for formative assessment and feedback	2020	Journal of Engineering Education Transformations	33	Special Issue	2	10.16920/jeet/2020/v33i0/150163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099578420&doi=10.16920%2fjeet%2f2020%2fv33i0%2f150163&partnerID=40&md5=e058660808863421b79ae20a49c250e1	Article
Prasad, A., Badhya, S.S., Yashwanth, Y.S., Rohan, S., Shobha, G., Deepamala, N.	55941204700;57216311631;57216313928;57216313536;14829661100;37070296400;	Enhancement of Natural Language to SQL Query Conversion using Machine Learning Techniques	2020	International Journal of Advanced Computer Science and Applications	11	12	2	10.14569/IJACSA.2020.0111260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099408587&doi=10.14569%2fIJACSA.2020.0111260&partnerID=40&md5=221aae950bf988f822318a1e6b011d77	Article
Sridevi, K., Nagaraja, K.M., Reddy, P.S.K.	58021621700;24481533800;24482464700;	Note on different kinds of Schur convexities of Heinz type mean	2020	Proceedings of the Jangjeon Mathematical Society	23	4	1	10.17777/pjms2020.23.4.479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099232379&doi=10.17777%2fpjms2020.23.4.479&partnerID=40&md5=ef90bb4b0238d77ec3a49e6edb66b8d9	Article

Reddy, H.L., Nagakumar, M.S., Swathi, H.	57613395800;57211625333;57207206649;	Impact assessment and prioritization of critical delay factors for a road project	2020	Civil Engineering and Architecture	8	6	2	10.13189/cea.2020.080616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098960357&doi=10.13189%2fcea.2020.080616&partnerID=40&md5=a6e45c3f7671b1892d220d63e35a867d	Article
Karthikeyan, R., Sridhar, R., Raja sekaran, P., Ganesh Kumar, S.	57203215178;57189034887;57221228160;57210847953;	Hardness and buckling strength of different material panels for a wing box structure with FE analysis	2020	Materials Today: Proceedings	33		1	10.1016/j.matpr.2020.08.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098590500&doi=10.1016%2fj.matpr.2020.08.003&partnerID=40&md5=927c8abe28d37e9d6e83b9ac60e1ef0b	Conference Paper
Mahadeva Naika, M.S., Chandankumar, S., Harish, M.	23492814700;54974092700;55671068200;	On some P-Q mixed modular equations of degree 5	2020	Proceedings of the Jangjeon Mathematical Society	23	3	1	10.17777/pjms2020.23.3.305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098143436&doi=10.17777%2fpjms2020.23.3.305&partnerID=40&md5=c46a392c8cea0fd8eb2fc01266f8c947	Article

Vijayakumar, Shivaraj, B.W., Manjunatha, C., Abhishek, B., Nagaraju, G., Panda, P.K.	57538749800;57195176001;56919543200;36615134800;21743102700;35562839700;	Hydrothermal synthesis of ZnO nanotubes for CO gas sensing	2020	Sensors International	1		19	10.1016/j.sintl.2020.100018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097710437&doi=10.1016%2fj.sintl.2020.100018&partnerID=40&md5=b4390caab2eb3a6e67349154c0a99840	Article
Chethana, G., Padmaja, K.V.	58636393500;36055815400;	Integer matrix keys for secure data aggregation in clustered wireless sensor networks	2020	International Journal of Electronics and Telecommunications	66	4	1	10.24425-ijet.2020.134022/744	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097611759&doi=10.24425-ijet.2020.134022%2f744&partnerID=40&md5=9a848adca0976f2df6b59cc3e00aa424	Article
Sujatha, A., Govindaraju, L., Shivakumar, N., Devaraj, V.	57441616100;6508368786;55789385800;57219180893;	Fuzzy Expert System for Engineering Classification of Soils	2020	Lecture Notes in Civil Engineering	85		2	10.1007/978-981-15-6086-6_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096415951&doi=10.1007%2f978-981-15-6086-6_7&partnerID=40&md5=5003d2f8775d918cae3ea8f46e3b2edd	Conference Paper

Chandrashekar, L., Sreedevi, A.	57196259433;35173705900;	Multimodal Image Fusion of Magnetic Resonance and Computed Tomography Brain Images – A New Approach	2020	Biomedical and Pharmacology Journal	13	3	1	10.13005/bpj/2026	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095784929&doi=10.13005%2fbpj%2f2026&partnerID=40&md5=a6add3ff579b2d7bad67639352690c81	Article
Guduru, K.K., Jayadevappa, U.	56538498200;55941122900;	Overload control in SIP signalling networks with redirect servers	2020	International Journal of Wireless and Mobile Computing	19	2		10.1504/IJWMC.2020.110185	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093853414&doi=10.1504%2fIJWMC.2020.110185&partnerID=40&md5=514c6bd6086c5422d694a4cb6418ecfd	Article
Srinivas, D.B., Hegde, S.N., Rajan, M.A., Krishnappa, H.K.	57219360937;57203567086;24485554900;57188733713;	An efficient greedy task scheduling algorithm for heterogeneous inter-dependent tasks on computational grids	2020	International Journal of Grid and Utility Computing	11	5	1	10.1504/IJGUC.2020.110057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092402855&doi=10.1504%2fIJGUC.2020.110057&partnerID=40&md5=50d245040382af41d616ac885b137006	Article

Manjunath, S.P., Binnal, P., Rajashekhara, S., Patil, J.	56350521400;54882288500;57194594021;55094514000;	In-situ synthesis of ZSM-5 to form SCR catalyst membrane and Modeling using COMSOL Multiphysics	2020	Journal of Applied Science and Engineering	23	4		10.6180/jase.2020_23(4).0017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092367324&doi=10.6180%2fjase.2020_23%284%29.0017&partnerID=40&md5=cb1794a538a3106f7c9e772a90f2e349	Article
Roy, I., Bharatish, A.	57219317097;55745948600;	Optimization of ventilated brake disc rotor geometry for enhanced structural characteristics	2020	Journal of Measurements in Engineering	8	3	8	10.21595/jme.2020.21399	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092158130&doi=10.21595%2fjme.2020.21399&partnerID=40&md5=3f0b5b4474c273e003f67a93be638409	Article
Kalyur, S., Nagaraja, G.S.	57193062159;66035530464;	Caliper: A coarse grain parallel performance estimator and predictor	2020	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering	332 LNICST		1	10.1007/978-3-030-60036-5_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092136559&doi=10.1007%2f978-3-030-60036-5_2&partnerID=40&md5=4ee2384e2a4a19c8f5aed546845245d3	Conference Paper

Mohana, Ravish Aradhya, H.V.	57113679700;55616592800;	Performance Evaluation of Background Modeling Methods for Object Detection and Tracking	2020	Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020			13	10.1109/ICISC47916.2020.9171192	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091751475&doi=10.1109%2fICISC47916.2020.9171192&partnerID=40&md5=8f7ed637155764d1888734f32153e0e4	Conference Paper
Biswas, A., Vineeth, K.S., Jain, A., Mohana	57209985991;57215547805;57209886353;57113679700;	Development of Product Recommendation Engine by Collaborative Filtering and Association Rule Mining Using Machine Learning Algorithms	2020	Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020			6	10.1109/ICISC47916.2020.9171210	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091742548&doi=10.1109%2fICISC47916.2020.9171210&partnerID=40&md5=03aa765e3f0e097a4802c0b86452c64b	Conference Paper
Radhakrishna, Venugopal, K.	35771473600;7005430243;	Experimental study on behavior of geopolymer structural masonry	2020	Indian Concrete Journal	94	7	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091574518&partnerID=40&md5=537f2dd4e3c447d1de9e7aedfb841645	Article

Samarth, S., Nethravathi, S., Nagakumar, M.S., Venugopal, G.	57216413013;55496505500;57211625333;57200501344;	Analysis and design of pile foundations for a sewage treatment plant	2020	Lecture Notes in Civil Engineering	84			10.1007/978-981-15-6090-3_25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091556235&doi=10.1007%2f978-981-15-6090-3_25&partnerID=40&md5=71e441d628293f07f47394991f9a21f8	Conference Paper
Sinha, P.K., Dutta, B.	57203097603;36933713500;	A systematic analysis of flood ontologies: A parametric approach	2020	Knowledge Organization	47	2	13	10.5771/0943-7444-2020-2-138	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091366096&doi=10.5771%2f0943-7444-2020-2-138&partnerID=40&md5=3ea5a004fb9ec13701341e7c707b5544	Article
Sanjawadmath, V., Suresh, R., Vishwanatha Rao, A.N., Nayak, D.P.	57200275592;57198152205;57218869676;57225331328;	An advanced model-centric framework for verification and validation of developmental aero engine digital controller performance	2020	Lecture Notes in Electrical Engineering	672			10.1007/978-981-15-5558-9_74	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091274258&doi=10.1007%2f978-981-15-5558-9_74&partnerID=40&md5=355e1ffe361b3eac428553d5a562c67d	Conference Paper

Raj, R.S., Pratiba, D., Kumar, R.P.	57219011598;56125681000;65069622203;	Facial Expression Recognition using Facial Landmarks: A novel approach	2020	Advances in Science, Technology and Engineering Systems	5	5	5	10.25046/aj050504	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090994923&doi=10.25046%2faj050504&partnerID=40&md5=be348f7ef20dc5255791a3efc4b4fb11	Article
Franklin, R.J., Mohana, Dabbagol, V.	57219229382;57113679700;57219228956;	Anomaly Detection in Videos for Video Surveillance Applications using Neural Networks	2020	Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020			34	10.1109/ICISC47916.2020.9171212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090827403&doi=10.1109%2fICISC47916.2020.9171212&partnerID=40&md5=5f40ee778d3270df809d6f63375825d5	Conference Paper
Praveen Kumar, K., Radhakrishna, X.X.	56237227800;57218884098;	Workability Strength and Elastic Properties of Cement Mortar with Pond Ash as Fine Aggregates	2020	Materials Today: Proceedings	24		10	10.1016/j.matpr.2020.04.484	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090594193&doi=10.1016%2fj.matpr.2020.04.484&partnerID=40&md5=fd1a578580dc32dd309acec36f155770	Conference Paper

Tijare, V., Nagaraj, S., Sastry, J., Mulinti, M.	56077634900;35366727200;57218876754;57218876950;	Load Capacity Estimation of Elliptical Contact Rolling Bearings	2020	Materials Today: Proceedings	24		3	10.1016/j.matpr.2020.04.491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090582451&doi=10.1016%2fj.matpr.2020.04.491&partnerID=40&md5=f3de3098e763782fe3ff964baf0d68b0	Conference Paper
Maruti, S.V., Krishna, R., Mounesh, M.	57218877235;57540874500;57218876329;	Properties of Geopolymer Cement Mortar and Blocks with Calcium Carbonate	2020	Materials Today: Proceedings	24		4	10.1016/j.matpr.2020.04.471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090575387&doi=10.1016%2fj.matpr.2020.04.471&partnerID=40&md5=2c767fac82d776de9239cd24ee4e805d	Conference Paper
Pujar, N.V., Nanjundaradhya, N.V., Sharma, R.S.	57201914088;57148278300;55348178700;	Effect of Stacking Sequence and Fiber Orientation on Natural Frequency of Hybrid Composites - An FE Approach	2020	Materials Today: Proceedings	24		3	10.1016/j.matpr.2020.04.479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090564814&doi=10.1016%2fj.matpr.2020.04.479&partnerID=40&md5=8592f1e6d772a3ca3da96f1e29bfe978	Conference Paper

Pooja, Shivaraj, B.W., Ravishankar, M.V.	58256149300;57195176001;57218878057;	Optimization Proposal to Improve Productivity of Elongated Articles	2020	Materials Today: Proceedings	24			10.1016/j.matpr.2020.04.480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090551400&doi=10.1016%2fj.matpr.2020.04.480&partnerID=40&md5=ed802aa8f7023173c9e577954956b6fe	Conference Paper
Bhargavi, K., Sathish Babu, B., Pitt, J.	55179979600;57304737200;71033889512;	Performance Modeling of Load Balancing Techniques in Cloud: Some of the Recent Competitive Swarm Artificial Intelligence-based	2020	Journal of Intelligent Systems	30	1	9	10.1515/jisys-2019-0084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090282449&doi=10.1515%2fjisys-2019-0084&partnerID=40&md5=42032aa5ae8f8fb6441cc27b39c6f2b2	Article
Belagali, V., Achuth Rao, M.V., Gopikishore, P., Krishnamurthy, R., Ghosh, P.K.	57218686900;57200080285;57204213405;57208642634;56344020900;	Two step convolutional neural network for automatic glottis localization and segmentation in stroboscopic videos	2020	Biomedical Optics Express	11	8	3	10.1364/BOE.396252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090056591&doi=10.1364%2fBOE.396252&partnerID=40&md5=9826c90d4f3ad245f549a3402a4a3c6a	Article

Swamy, S.R., Mamatha, P.K., Magesh, N., Yamini, J.	13405020400;57218625039;15725476500;56940962600;	Certain subclasses of bi-univalent functions defined by sĂlĂgean operator with the (P, q)-lucas polynomials	2020	Advances in Mathematics: Scientific Journal	9	8	8	10.37418/amsj.9.8.70	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089844519&doi=10.37418%2famsj.9.8.70&partnerID=40&md5=7104bdd8e6dc8e8fde58a99c8584a985	Article
Anupama Kumar, S., Vijayalakshmi, M.N., Koppad, S.H., Dharani, A.	57191624773;55489976400;57191618577;54383109800;	Narrative and text visualization: A technique to enhance teaching learning process in higher education	2020	Data Visualization: Trends and Challenges Toward Multidisciplinary Perception			4	10.1007/978-981-15-2282-6_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089336055&doi=10.1007%2f978-981-15-2282-6_1&partnerID=40&md5=11336c0352dde473296add5110c2dcb7	Book Chapter
Sandhya, S., Koppad, S.H., Anupama Kumar, S., Dharani, A., Uma, B.V., Subramanya, K.N.	57191854773;57191618577;57191624773;54383109800;55130921800;35753798900;	Adoption of google forms for enhancing collaborative stakeholder engagement in higher education	2020	Journal of Engineering Education Transformations	33	Special Issue	12	10.16920/jeet/2020/v33i0/150161	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089035609&doi=10.16920%2fjeet%2f2020%2fv33i0%2f150161&partnerID=40&md5=78cc6e8841f45f96782d99e6cdd036f5	Article

Noolvi, B., Nagaraj, S.	57194042240;35366727200;	Modal analysis of smart composite cantilever beams	2020	Materials Today: Proceedings	27		3	10.1016/j.matpr.2020.03.643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087833760&doi=10.1016%2fj.matpr.2020.03.643&partnerID=40&md5=5e9c4a24f4a88e26158bc6e2e78d7e46	Conference Paper
Sharma, A., Narayanan, V.	57220907188;57193577282;	An algorithm for remote access tool for the intel reference validation platforms	2020	Advances in Mathematics: Scientific Journal	9	6		10.37418/amsj.9.6.32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087824904&doi=10.37418%2famsj.9.6.32&partnerID=40&md5=66b094cba4e17c98d83ecfb4d480ef95	Article
Lakshmikanthan, A., Prabhu, T.R., Babu, U.S., Koppad, P.G., Gupta, M., Krishna, M., Bontha, S.	57211339135;55935785000;57217302314;37102050400;7403986960;8142901200;6508165592;	The effect of heat treatment on the mechanical and tribological properties of dual size SiC reinforced A357 matrix composites	2020	Journal of Materials Research and Technology	9	3	53	10.1016/j.jmrt.2020.04.027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087078424&doi=10.1016%2fj.jmrt.2020.04.027&partnerID=40&md5=f23fd033956f6483864ae669c8a5bb06	Article

Nithin, M., Kittur, H.M.	57195358294;54924938900;	Design of on chip spiral inductors for millimeter wave frequency synthesizers	2020	International Journal of Circuits, Systems and Signal Processing	14		2	10.46300/9106.2020.14.29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086894116&doi=10.46300%2f9106.2020.14.29&partnerID=40&md5=395bf2a5f2d8b58f3f00dc8521ae0b6e	Article
Sunitha, R., Sreedevi, A.	57211137476;35173705900;	Dynamics of a Neural Mass Coupled with Probabilistic Distributions-A Pilot Study	2020	Procedia Computer Science	171			10.1016/j.procs.2020.04.192	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086641684&doi=10.1016%2fj.procs.2020.04.192&partnerID=40&md5=36b44bf8c6f7a7a2a3b5d38c6ca90db8	Conference Paper
Deepika, K., Usha, J., Deepika, K.	57189236004;55941122900;57189236004;	Implementation of Personnel Localization & Automation Network (PLAN) Using Internet of Things (IoT)	2020	Procedia Computer Science	171		3	10.1016/j.procs.2020.04.094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086640945&doi=10.1016%2fj.procs.2020.04.094&partnerID=40&md5=9b330f0ca36f4266765e30f4170a9ea0	Conference Paper

Chandrashekar, L., Sreedevi, A.	57196259433;35173705900;	A Multi-Objective Enhancement Technique for Poor Contrast Magnetic Resonance Images of Brain Glioblastomas	2020	Procedia Computer Science	171		8	10.1016/j.procs.2020.04.190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086629084&doi=10.1016%2fj.procs.2020.04.190&partnerID=40&md5=ad93a131cf4ada82100491693de8c038	Conference Paper
Kumar, S.Y., Rao, K.V.S.R., Yalamalle, S.R.	57226008900;57190737171;56167359500;	In vitro wear investigation of polyether ether ketone biopolymer for total knee replacement	2020	Russian Journal of Biomechanics	24	1		10.15593/RJBiomech/2020.1.05	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086358241&doi=10.15593%2fRJBiomech%2f2020.1.05&partnerID=40&md5=c037fb814e11f6590ac39068d2ecd0f7	Article
Akkalkot, S.I., Srivani, S.G.	57217048135;26422586800;	Dynamic stability analysis using dfig based windfarm and statcom for the security of the power system	2020	Journal of Advanced Research in Dynamical and Control Systems	12	4 Special Issue		10.5373/JARDCS/V12SP4/20201673	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085953567&doi=10.5373%2fJARDCS%2fV12SP4%2f20201673&partnerID=40&md5=f2bea8e556eb2617f75b403c74c6386c	Article

Ranjitha, R., Subramanyam, T.K., Pavan kumar, S., Nagesh, M.	57217019917;66036894905;57203958837;57217017174;	Studies on DC magnetron sputtered AZO thin films for HIT solar cell application	2020	Journal of Nano- and Electronic Physics	12	2		10.21272/JNEP.12(2).02037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085771411&doi=10.21272%2fJNEP.12%282%29.02037&partnerID=40&md5=98c7de8dc6fbb18b8d4e9dcc79c11fd9	Article
Amaresh, C., Jatti, A.	54790511500;55580963900;	Performance Analysis of Data Communication Using Hybrid NoC for Low Latency and High Throughput on FPGA	2020	Advances in Intelligent Systems and Computing	1040			10.1007/978-981-15-1451-7_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085515050&doi=10.1007%2f978-981-15-1451-7_9&partnerID=40&md5=751b4d72a4ac9ca8bb2e2eba30c7edef	Conference Paper
Nasreen, A., Pooja, I., Dsouza, C., Shobha, G.	56584235400;57210115166;57216952937;14829661100;	Video Optimization for Testing Load Balancing of Application Delivery Controller	2020	Lecture Notes in Electrical Engineering	601			10.1007/978-981-15-1420-3_76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085508004&doi=10.1007%2f978-981-15-1420-3_76&partnerID=40&md5=ee1fe2bf7260936e79bea15333a8c186	Conference Paper

Kiruthika, K., Srivani, S.G.	57216929936;26422586800;	Optimal pmu placement using enhanced pso algorithm	2020	Journal of Advanced Research in Dynamical and Control Systems	12	4 Special Issue		10.5373/JARDCS/V12SP4/20201674	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085345411&doi=10.5373%2fJARDCS%2fV12SP4%2f20201674&partnerID=40&md5=29a434a098a40d4ed3bb59fff69002bb	Article
Khanna, M., Srinath, N.K., Mendiratta, J.K.	57191172428;24492408800;36677753400;	Application of neural networks and lifting wavelet transform for long term solar radiation power prediction	2020	Lecture Notes in Electrical Engineering	643			10.1007/978-981-15-3125-5_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085217315&doi=10.1007%2f978-981-15-3125-5_11&partnerID=40&md5=bf9847f70c766b77578aed9e81cf3ec2	Book Chapter
Ramanath, R., Choudhury, M., Bali, K.	57226726957;55841605200;16052071200;	Entailment: An effective metric for comparing and evaluating hierarchical and non-hierarchical annotation schemes	2020	LAW 2013 and ID 2013 - 7th Linguistic Annotation Workshop and Interoperability with Discourse, Proceedings of the					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084337870&partnerID=40&md5=c931159eeb322bf1f059fad1a7592d04	Conference Paper

Mogre, P.K., Karanth, S.P., Sumesh, M.A., Vijay, Yadav, D., Sreelakshmi, K.	57216650111;15727958900;89568710000;57642389300;57216648637;57297644300;	Design and Development of Photon Counter for Silicon Carbide Ultraviolet Photometer Used in Space Instruments	2020	Lecture Notes in Electrical Engineering	649			10.1007/978-981-15-3477-5_28	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084189396&doi=10.1007%2f978-981-15-3477-5_28&partnerID=40&md5=2b40395c370edb43b7b2bc2fc6262ea7	Conference Paper
Vijapur, P.R., Uma, B.V.	57203018719;55130921800;	Single-Ended Low Power Robust 9T Static Random Access Memory Using FinFETs	2020	Lecture Notes in Electrical Engineering	649			10.1007/978-981-15-3477-5_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084182104&doi=10.1007%2f978-981-15-3477-5_12&partnerID=40&md5=6fcfd9b708eddd8dbdceee3aa9e8b359	Conference Paper
Priyadarshini, R., Soumya, A.	57216628337;36626317500;	Survey: Classification and reconstruction of archaeological artefacts	2020	Advances in Intelligent Systems and Computing	1112		1	10.1007/978-981-15-2188-1_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084115280&doi=10.1007%2f978-981-15-2188-1_35&partnerID=40&md5=7895984e85d08477ff2a127a1f469a19	Conference Paper

Ravish, R., Shenoy, D.P., Rangaswamy, S.	57205446399;57216628811;35293507700;	Sensor-based traffic control system	2020	Advances in Intelligent Systems and Computing	1112		2	10.1007/978-981-15-2188-1_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084112924&doi=10.1007%2f978-981-15-2188-1_17&partnerID=40&md5=289c6ec781bb5b55dbf04a789fb89148	Conference Paper
Sowmya, K.B., Deshpande, N., Mathew, J.A.	57211483117;57216587032;57203961542;	Implementation of Kernel-Based DCT with Controller Unit	2020	Lecture Notes in Networks and Systems	105		1	10.1007/978-981-15-2407-3_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084007395&doi=10.1007%2f978-981-15-2407-3_14&partnerID=40&md5=b9b2d52aa730e94ef673344a7df84d01	Book Chapter
Kothai Andal, C., Jayapal, R., Silas Stephen, D.	57216490666;57191804655;55195682400;	A Novel Maximum Power Point Tracking Based on Whale Optimization Algorithm for Hybrid System	2020	Lecture Notes on Data Engineering and Communications Technologies	35		1	10.1007/978-3-030-32150-5_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083676694&doi=10.1007%2f978-3-030-32150-5_35&partnerID=40&md5=4dff76fb13c7d29c51e8ecb73793ee86	Book Chapter

Madalgi, J.B., Anupama Kumar, S.	57202994129;57191624773;	Efficiency of Naïve Bayes Technique Based on Clustering to Detect Congestion in Wireless Sensor Network	2020	Lecture Notes on Data Engineering and Communications Technologies	38			10.1007/978-3-030-34080-3_84	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083454892&doi=10.1007%2f978-3-030-34080-3_84&partnerID=40&md5=ecbdb81fb174f3cb90343fb474a29825	Book Chapter
Dickshaw, D., Shanthi, P.	57216415320;57191618620;	Performance analysis of digital predistortion on orthogonal frequency division multiplexing systems	2020	Lecture Notes on Data Engineering and Communications Technologies	39		3	10.1007/978-3-030-34515-0_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083452457&doi=10.1007%2f978-3-030-34515-0_19&partnerID=40&md5=7d85830de66bc66fab930a85f31981a8	Book Chapter
Krishna, C.V., Rohit, H.R., Shanthi, P.	57208000936;57216411620;57191618620;	Design of slotted microstrip patch antenna for 5g communications	2020	Lecture Notes on Data Engineering and Communications Technologies	46		4	10.1007/978-3-030-38040-3_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083440970&doi=10.1007%2f978-3-030-38040-3_15&partnerID=40&md5=812d42e8cef2989ac38a3e71d4907a6f	Book Chapter

Koppad, S.H., Kumar, S.A., Mohan Rao, K.N.	57191618577;57213855997;57665644100;	Contemplation of Computational Methods and Techniques to Predict COPD	2020	Lecture Notes on Data Engineering and Communications Technologies	38			10.1007/978-3-030-34080-3_61	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083435862&doi=10.1007%2f978-3-030-34080-3_61&partnerID=40&md5=50a5dbb4b27363de090a7b898df723be	Book Chapter
Sheikh, H., Geetha, V., Hariprasad, S.A.	57216409101;58072606700;37059047200;	Implementation of Reputation Based Framework for Detecting Misbehaving Nodes and Illustration of Vampire Attack in Manets	2020	Lecture Notes on Data Engineering and Communications Technologies	44			10.1007/978-3-030-37051-0_96	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083425609&doi=10.1007%2f978-3-030-37051-0_96&partnerID=40&md5=839110385e9b701b801871a196aa169b	Book Chapter
Bogur, S.N., Viswavardhan Reddy, K.	57216417956;57216412900;	Implementation of AOR alarm states for network elements and their service impact analysis	2020	Lecture Notes on Data Engineering and Communications Technologies	39			10.1007/978-3-030-34515-0_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083424330&doi=10.1007%2f978-3-030-34515-0_18&partnerID=40&md5=77ca4d8f526f4529b654dca0a5b484ad	Book Chapter

Gogi, V.J., Vijayalakshmi, M.N.	57215815554;57200630505;	Analysis of Liver Disease and HCC Inducing Factors Using Machine Learning Algorithms	2020	Lecture Notes on Data Engineering and Communications Technologies	38		1	10.1007/978-3-030-34080-3_59	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083422825&doi=10.1007%2f978-3-030-34080-3_59&partnerID=40&md5=fb5bcfd5ca19fed9a4f74c52cba2f8ff	Book Chapter
Srinivas, S., Karna, V.R.	57216414936;57216416641;	A survey on various message brokers for real-time big data	2020	Lecture Notes on Data Engineering and Communications Technologies	39			10.1007/978-3-030-34515-0_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083422795&doi=10.1007%2f978-3-030-34515-0_17&partnerID=40&md5=fcee2316c515d5cfac33dbe7760fd6cf	Book Chapter
Vishnusai, Y., Kulakarni, T.R., Sowmya Nag, K.	57215304683;57216413867;56241220900;	Ablation of artificial neural networks	2020	Lecture Notes on Data Engineering and Communications Technologies	46		2	10.1007/978-3-030-38040-3_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083419840&doi=10.1007%2f978-3-030-38040-3_52&partnerID=40&md5=c07eedd02af2a9616261f9d5d14d7d9b	Book Chapter

Sahana, B., Deshapande, A., Dayalan, H., Tunga, S.	57211220487;57202899762;57216319392;57202198012;	Fault tolerant real time data migration in wireless sensor networks	2020	Journal of Advanced Research in Dynamical and Control Systems	12	3 Special Issue		10.5373/JARDCS/V12SP3/20201355	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083112118&doi=10.5373%2fJARDCS%2fV12SP3%2f20201355&partnerID=40&md5=3ad8882728abb1a496c8f9cae4a50078	Article
Nagendra Kumar, M., Jatti, A., Mahendra, S.J.	57215183894;55580963900;57216250777;	Breast cancer classification of image using modified-resnet	2020	Journal of Advanced Research in Dynamical and Control Systems	12	3	1	10.5373/JARDCS/V12I3/20201175	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082943937&doi=10.5373%2fJARDCS%2fV12I3%2f20201175&partnerID=40&md5=e6de0a2ac9c697c5a24aa3c8bd139446	Article
Shreyas, P., Panda, B., Kumar, R.	56242829300;36772454800;58018886400;	Mechanical properties and microstructure of 316L-galvanized steel weld	2020	Materials Today: Proceedings	23		10	10.1016/j.matpr.2019.05.418	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082873051&doi=10.1016%2fj.matpr.2019.05.418&partnerID=40&md5=f85d5dd8a8c07a13813ec49852c707e9	Conference Paper

Moharir, M., Adyathimar, K.B., Shobha, G., Soni, V.	54419033000;57215967686;14829661100;57215967635;	Scapy scripting to automate testing of networking middleboxes	2020	Advances in Science, Technology and Engineering Systems	5	2	4	10.25046/aj050238	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082483576&doi=10.25046%2faj050238&partnerID=40&md5=6e4bc1e5f0536f6e4792dcbff5a723f1	Article
Nazare, N., Premananda, B.S., Bhat, P.S., Nayana, R.J.	57215722569;37091407700;57215720920;57215718824;	Low-Power 8-Bit Adiabatic Barrel Shifter for DSP Applications	2020	Advances in Intelligent Systems and Computing	1089			10.1007/978-981-15-1483-8_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081751451&doi=10.1007%2f978-981-15-1483-8_14&partnerID=40&md5=46de35ff9c084d46e739a8f7d3b9b1d4	Conference Paper
Ganavi, M.G., Premananda, B.S.	57208673038;37091407700;	Design of Low Power Reduced Complexity Wallace Tree Multiplier Using Positive Feedback Adiabatic Logic	2020	Advances in Intelligent Systems and Computing	1089		7	10.1007/978-981-15-1483-8_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081751353&doi=10.1007%2f978-981-15-1483-8_13&partnerID=40&md5=42dcc92526c3f2507d5b35ca8e685edd	Conference Paper

Rajendran, S., Kulkarni, V., Chaudhari, S., Gupta, P.K.	57210710290;57215805014;57215662374;56608493300;	An update on medical data steganography and encryption	2020	Advances in Intelligent Systems and Computing	1124		3	10.1007/978-981-15-2740-1_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081633471&doi=10.1007%2f978-981-15-2740-1_13&partnerID=40&md5=81521a95b94c8e820f152f714aeb2166	Book Chapter
Gadad, V., Sowmyarani, C.N., Kumar, R., Dayananda, P.	57204565648;55532106000;650696 2203;5637389450 0;	Role of privacy attacks and utility metrics in crowdsourcing for urban data analysis	2020	CEUR Workshop Proceedings	2557		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081607033&partnerID=40&md5=2abea86c7e90339cdeb7bca9ca99d9a6	Conference Paper
Renumadhavi, C.H., Jamuna, N., Chandana, A.N., Balamurali, V., Gupta, P.K., Sheriff, R.S., Lokur, A.V., Kallur, R., Sindhu, R.	36024182900;57215675346;57215656315;57215660648;56608493300;57215651754;57222642650;57215660937;57210710290;	Microcontroller-based detection of diabetes and ketosis state using breath sensors	2020	Advances in Intelligent Systems and Computing	1124		1	10.1007/978-981-15-2740-1_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081600531&doi=10.1007%2f978-981-15-2740-1_1&partnerID=40&md5=eb7167e0f179897d65eb225df24acd94	Book Chapter

Kallur, R., Gupta, P.K., Sindhu, R., Sheriff, R.S., Reshma, R.	57215660937;56608493300;57210710290;57215651754;58340244000;	Artificial intelligence applications in nanosized biomaterial development	2020	Advances in Intelligent Systems and Computing	1124			10.1007/978-981-15-2740-1_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081558343&doi=10.1007%2f978-981-15-2740-1_10&partnerID=40&md5=59d802587f76a1135655c4a2ef874179	Book Chapter
Mudali, P., Roopa, J., Govinda Raju, M., Yadav, A.	57215604323;57113594600;56862175000;57215606534;	Analysis of Parallel M5P and Random Forest Regression for Visualization of Traffic Behavior	2020	Advances in Intelligent Systems and Computing	1120		3	10.1007/978-981-15-2449-3_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081307337&doi=10.1007%2f978-981-15-2449-3_19&partnerID=40&md5=3484b24420f14f53ea72fefdd16d540b	Conference Paper
Gangadhar, T.G., Girish, D.P., Chandra, A.C.P., Angadi, G., Raj, K.V.K.	57210571003;56872793500;57209825368;57200842568;57215558507;	Study on Tensile and Hardness Properties of Aluminium 7075 Alloy Reinforced with Graphite, Mica and E-Glass	2020	Smart Innovation, Systems and Technologies	169		2	10.1007/978-981-15-1616-0_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081167536&doi=10.1007%2f978-981-15-1616-0_52&partnerID=40&md5=127ae9afa2d3cd104edb8de608969f83	Conference Paper

Balaji Ganesh, N., Srihari, P.V.	57209196295;57190045635;	Comparison of C.I Engine Performance Parameters and Emissions by Varying Designs of Intake Manifolds	2020	Smart Innovation, Systems and Technologies	169			10.1007/978-981-15-1616-0_50	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081166615&doi=10.1007%2f978-981-15-1616-0_50&partnerID=40&md5=3384c7bb009a493cdc71d74981746eae	Conference Paper
Sandeep Kumar, Y., Rajeswara Rao, K.V.S., Yalamalle, S.R., Venugopal, S.M., Krishna, S.	57203344064;57190737171;56167359500;57213286274;57204181676;	Effect of Slicing Thickness and Increment on the Design of Patient Specific Implant for Total Knee Replacement (TKR) Using Magnetic Resonance Imaging (MRI)—A Case Study	2020	Smart Innovation, Systems and Technologies	169		2	10.1007/978-981-15-1616-0_40	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081158754&doi=10.1007%2f978-981-15-1616-0_40&partnerID=40&md5=ba331a133f058ea4465796700415e483	Conference Paper
Saiteja, M.N.S., Reddy, K.S.S., Radha, D., Moharir, M.	57191975569;57215202532;57190340634;54419033000;	Multi-core architecture and network on chip: Applications and challenges	2020	Journal of Computational and Theoretical Nanoscience	17	1	6	10.1166/jctn.2020.8657	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080082440&doi=10.1166%2fjctn.2020.8657&partnerID=40&md5=009cf8016e1bd145e479ed6558dc82af	Article

Madhu, B.R., Dinesh, M.N., Thinlas, T., Menezes, D.	57213015446;58959535500;57215096088;57215096318;	Enhancement of power quality using microprocessor based shunt active power filter for unbalanced load	2020	International Journal of Electrical and Computer Engineering	10	4	5	10.11591/ijece.v10i4.pp3393-3402	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079868016&doi=10.11591%2fijece.v10i4.pp3393-3402&partnerID=40&md5=3e83b68b315d96f86fd67f004e1d1064	Article
Asha, H.V., Nayak, S., Abraham, A.	57211182144;57208817073;8560615000;	Formalization of SOA concepts with mathematical foundation	2020	International Journal of Electrical and Computer Engineering	10	4		10.11591/ijece.v10i4.pp3883-3888	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079833070&doi=10.11591%2fijece.v10i4.pp3883-3888&partnerID=40&md5=d0dcc09c42a605ac122976bef79c930d	Article
Jaisimha, A., Khan, S., Anisha, B.S., Ramakanth Kumar, P.	57214838502;57214835262;57219486072;650696220 3;	Smart transportation: An edge-cloud hybrid computing perspective	2020	Lecture Notes in Networks and Systems	89		3	10.1007/978-981-15-0146-3_124	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079286614&doi=10.1007%2f978-981-15-0146-3_124&partnerID=40&md5=d75f3f7426687239540ac3e1064968c1	Book Chapter

Sundresh, H.D., Priya, D.	57214837287;57200147133;	Design and integrate IoT sensors to RO water purifiers for remote monitoring and allowing users to pay per usage on the rented RO system	2020	Lecture Notes in Networks and Systems	89		2	10.1007/978-981-15-0146-3_60	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079274057&doi=10.1007%2f978-981-15-0146-3_60&partnerID=40&md5=fa8684ed906c0a32a5f849f1531373f6	Book Chapter
Harish, A., Jhawar, S., Anisha, B.S., Ramakanth Kumar, P.	58708824200;57214838366;57219486072;650696220 3;	Implementing machine learning on edge devices with limited working memory	2020	Lecture Notes in Networks and Systems	89		4	10.1007/978-981-15-0146-3_123	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079272867&doi=10.1007%2f978-981-15-0146-3_123&partnerID=40&md5=e477618734fa1209c3714cd313092db2	Book Chapter
Rekha, B.S., Srinivasan, G.N., Reddy, S.K., Kakwani, D., Bhattad, N.	58236695700;56501487200;57214245021;57214246442;57214246666;	Fish detection and classification using convolutional neural networks	2020	Advances in Intelligent Systems and Computing	1108 AISC		21	10.1007/978-3-030-37218-7_128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078540028&doi=10.1007%2f978-3-030-37218-7_128&partnerID=40&md5=6d5017bd71c259fc561f8cf586fd9f34	Conference Paper

Ravikumar, J., Ramakanth Kumar, P.	57214071224;650 6962203;	A framework for named entity recognition of clinical data	2020	Indonesian Journal of Electrical Engineering and Computer Science	18	2	1	10.11591/ijeecs.v18.i2.pp946-952	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078212087&doi=10.11591%2fijeecs.v18.i2.pp946-952&partnerID=40&md5=90e1dab062a654cf37e318f50e2ee2b9	Article
Naolekar, A.C., Subhash, B., Thakur, A.S.	6508246574;5608 5093200;3699759 1800;	On trivialities of euler classes of oriented vector bundles over manifolds	2020	Homology, Homotopy and Applications	22	1	1	10.4310/HHA.2020.v22.n1.a13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078039275&doi=10.4310%2fHHA.2020.v22.n1.a13&partnerID=40&md5=b3fdcbe08c6fcb0baba527e194e9da11	Article
Nagaraja, G.S., Srinath, S.	6603530464;5721 2890095;	Security Architecture for IoT-Based Home Automation	2020	Smart Innovation, Systems and Technologies	159		8	10.1007/978-981-13-9282-5_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075731568&doi=10.1007%2f978-981-13-9282-5_6&partnerID=40&md5=bc3e768e01c8eb5e495fd8d567cf9e2e	Conference Paper

Nagaraja, G.S., Koundinya, A.K., Thippeswamy, G., Hegde, V.V.	6603530464;55180085600;56636637700;57204031965;	Spatial Data Infrastructures for Urban Governance Using High-Performance Computing for Smart City Applications	2020	Smart Innovation, Systems and Technologies	160			10.1007/978-981-32-9690-9_64	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075574292&doi=10.1007%2f978-981-32-9690-9_64&partnerID=40&md5=3f8314ba74741f735fa3b672bcc7697d	Conference Paper
Nagaraja, G.S., Koundinya, A.K., Thippeswamy, G., Mahesh, G., Hegde, V.V.	6603530464;55180085600;56636637700;57210729672;57204031965;	VoIP Smart Speech Encoding Mechanism Using High-Performance Computing	2020	Smart Innovation, Systems and Technologies	160		1	10.1007/978-981-32-9690-9_63	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075554703&doi=10.1007%2f978-981-32-9690-9_63&partnerID=40&md5=006ca4e932cd8ed9bfd27c5fc9359bde	Conference Paper
Neeli, J., Cauvery, N.K.	57202362496;35291528300;	Trust-based secure routing against lethal behavior of nodes in wireless adhoc network	2020	International Journal of Electrical and Computer Engineering	10	2	4	10.11591/ijece.v10i2.pp1592-1598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075395183&doi=10.11591%2fijece.v10i2.pp1592-1598&partnerID=40&md5=89afbbd0c741e3da8a19a3a1b3f911fb	Article

Patil, R.M., Chethan, K.P., Nasreen, A., Shobha, G.	57204028909;57218597236;56584235400;14829661100;	Robust foreground modelling to segment and detect multiple moving objects in videos	2020	International Journal of Electrical and Computer Engineering	10	2	1	10.11591/ijece.v10i2.pp1337-1345	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075371757&doi=10.11591%2fijece.v10i2.pp1337-1345&partnerID=40&md5=a2b011f70ab39865fa2c147578b343fc	Article
Padhye, P., Nagakumar, M.S., Sunil, S., Reddy, A.H.M.	57211628340;57211625333;57211624263;57703449800;	Activity-based travel demand models to evaluate transport policies	2020	Lecture Notes in Civil Engineering	45			10.1007/978-981-32-9042-6_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074662893&doi=10.1007%2f978-981-32-9042-6_20&partnerID=40&md5=0ac294430a85ea5c023470ead9b5802a	Book Chapter
Malipatil, N., Avati, S.I., Vinay, H.N., Sunil, S.	57211623652;57211622590;56703123900;57211624263;	Application of queuing theory to a toll plaza-A case study	2020	Lecture Notes in Civil Engineering	45			10.1007/978-981-32-9042-6_27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074643215&doi=10.1007%2f978-981-32-9042-6_27&partnerID=40&md5=b3887a1cf050d06681423a81eac45b15	Book Chapter

Shetty, J., Sathish Babu, B., Shobha, G.	55994536900;57304737200;14829661100;	Proactive cloud service assurance framework for fault remediation in cloud environment	2020	International Journal of Electrical and Computer Engineering	10	1	6	10.11591/ijece.v10i1.pp987-996	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074512896&doi=10.11591%2fijece.v10i1.pp987-996&partnerID=40&md5=796a0c9a4546966da83a8ce2a6913520	Article
Venkataswamy, R., Rao, K.U., Meena, P.	57191613873;55792251700;56469220800;	Development of Internet of Things Platform and Its Application in Remote Monitoring and Control of Transformer Operation	2020	Lecture Notes in Networks and Systems	80			10.1007/978-3-030-23162-0_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069447304&doi=10.1007%2f978-3-030-23162-0_16&partnerID=40&md5=312510cdb1193290ae26bde5657026e9	Book Chapter
Suma, B., Shobha, G.	57210120857;14829661100;	A Greedy Approach to Hide Sensitive Frequent Itemsets with Reduced Side Effects	2020	Lecture Notes in Networks and Systems	80			10.1007/978-3-030-23162-0_77	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069439085&doi=10.1007%2f978-3-030-23162-0_77&partnerID=40&md5=ccbe1a361445dc3bdf0759cc7f7fa3eb	Book Chapter

Ramya, S., Indumathi, T.S.	57204781630;24829412300;	Optimizing the Placement of Wavelength Converters in WDM	2020	Advances in Intelligent Systems and Computing	994			10.1007/978-3-030-22263-5_82	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068268395&doi=10.1007%2f978-3-030-22263-5_82&partnerID=40&md5=12c2850fc2e8dd20b387601836ad7fb2	Conference Paper
Nandi, S., Indumathi, T.S., Sai Priya, R.V., Kori, A.	57192685095;24829412300;57190668861;57209617210;	Analysis of Fiber Bragg Grating Spectral Characteristics Using Couple Mode Theory for Sensor Applications	2020	Advances in Intelligent Systems and Computing	994		1	10.1007/978-3-030-22263-5_83	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068261399&doi=10.1007%2f978-3-030-22263-5_83&partnerID=40&md5=be452c10a9df08618dc4e5f0d930c3f0	Conference Paper
Kori, T., Kori, A., Kori, A., Nandi, S.	57209619419;57209617209;57191228488;57192685095;	A Study on Fiber Bragg Gratings and Its Recent Applications	2020	Advances in Intelligent Systems and Computing	994		1	10.1007/978-3-030-22263-5_84	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068258134&doi=10.1007%2f978-3-030-22263-5_84&partnerID=40&md5=e3c8b55f4ddc0d8643d6a5aba1dcfdcb	Conference Paper

Patil, H.J., Indumathi, T.S., Sharan, P., Nandi, S.	56600099400;24829412300;55860744500;57192685095;	Interpretation of Photonic Crystals with Hexagonal Symmetry	2020	Advances in Intelligent Systems and Computing	994			10.1007/978-3-030-22263-5_86	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068256616&doi=10.1007%2f978-3-030-22263-5_86&partnerID=40&md5=646b4174dcb61c3f6dcf17a0dd168871	Conference Paper
Sandeep, S.R., Nandihalli, R.	57205445281;57194442079;	Optimal Sizing in Hybrid Renewable Energy System with the Aid of Opposition Based Social Spider Optimization	2020	Journal of Electrical Engineering and Technology	15	1	12	10.1007/s42835-019-00184-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065742487&doi=10.1007%2fs42835-019-00184-z&partnerID=40&md5=1e3f21f0a92503f83da81c66e4049e62	Article
Singh, M.M., Kumar, H., Kumar, G.H., Sivaiah, P., Nagesha, K.V., Ajay, K.M., Vijaya, G.	56512422100;37036300000;58656984700;57192977154;57203485462;58906793700;56511881300;	Determination of Strength Parameters of Glass Fibers Reinforced Composites for Engineering Applications	2020	Silicon	12	1	28	10.1007/s12633-019-0078-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060039797&doi=10.1007%2fs12633-019-0078-3&partnerID=40&md5=77644e4869aa9106adab24cab6a8d3fc	Article

Nagendra, G.K., Shivaraj, B.W., Manjunatha, C., Ayeesha Siddiqua, S.A., Suchithra, V.	57213609063;57195176001;56919543200;57213603489;57213190479;	Study of structural features and antibacterial property of ZnO/CuO nanocomposites derived from solution combustion synthesis	2019	IOP Conference Series: Materials Science and Engineering	577	1	7	10.1088/1757-899X/577/1/012111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077839663&doi=10.1088%2f1757-899X%2f577%2f1%2f012111&partnerID=40&md5=098c02458a4b0ed7056b46b116d50094	Conference Paper
Joshi, A.M., Basutkar, S.M., Ahmed, M.I., Keshava, M., Seshagiri Rao, R., Kaup, S.J.	57207228997;57205650170;57224076193;37061055600;57224074759;57224089797;	Performance of stabilized adobe blocks prepared using construction and demolition waste	2019	Journal of Building Pathology and Rehabilitation	4	1	13	10.1007/s41024-019-0052-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096519983&doi=10.1007%2fs41024-019-0052-x&partnerID=40&md5=00c4fd97492b5f0594cfb4df7f4b3490	Article
Dalai, I., Mudali, P., Pattanayak, A.S., Pattnaik, B.S.	57217108792;57215604323;57217104135;56111952000;	Hourly prediction of load using edge intelligence over IoT	2019	Proceedings of the 11th International Conference on Advanced Computing, ICoAC 2019			2	10.1109/ICoAC48765.2019.247127	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086227186&doi=10.1109%2fICoAC48765.2019.247127&partnerID=40&md5=9174e434d98a0025718d59d269c4e256	Conference Paper

Supreeth, R., Arokkiaswamy, A., Raikar, N.J., Prajwal, H.P.	57209681773;22950221500;57211325498;57211324412;	Experimental investigation of performance of a small scale horizontal axis wind turbine rotor blade	2019	International Journal of Renewable Energy Research	9	4	3		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084260112&partnerID=40&md5=336a8fa787c1988259627fa53edf4b24	Article
Sundarramurthi, M., Anjana Sundari, A.M., Giridharan, A.	57216458711;57216459230;57188921670;	A Method of Designing Home Automation Control System (HACS) Using Virtual Assistant and Mobile Application	2019	Proceedings of the 4th International Conference on Contemporary Computing and Informatics IC3I 2019				10.1109/IC3I46837.2019.9055516	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083572043&doi=10.1109%2fIC3I46837.2019.9055516&partnerID=40&md5=9324395c9914bbdcfeab310432478f5c	Conference Paper
Swapna Rao, P., Soumya, A.	57216313651;36626317500;	A Study on Music based Audio and Brain Signal Processing	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information				10.1109/CSITSS47250.2019.9031016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083086358&doi=10.1109%2fCSITSS47250.2019.9031016&partnerID=40&md5=fa64bf87aed575644547c07851e4826b	Conference Paper

Badhya, S.S., Prasad, A., Rohan, S., Yashwanth, Y.S., Deepamala, N., Shobha, G.	57216311631;55941204700;57216313536;57216313928;37070296400;14829661100;	Natural Language to Structured Query Language using Elasticsearch for descriptive columns	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			8	10.1109/CSITSS47250.2019.9031030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083086185&doi=10.1109%2fCSITSS47250.2019.9031030&partnerID=40&md5=ee99dff29fa640defb8f814eaeba0649	Conference Paper
Srividya, M.S., Anala, M.R., Dushyanth, N.M., Raju, D.V.S.K.	57216311750;55734811700;57216311649;57216314758;	Hand Recognition and Motion Analysis using Faster RCNN	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			2	10.1109/CSITSS47250.2019.9031033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083085254&doi=10.1109%2fCSITSS47250.2019.9031033&partnerID=40&md5=4b7005a1dfd1b95b9013b4087f816970	Conference Paper
Nagaraja, G.S., Soppimath, A.B., Soumya, T., Abhinith, A.	6603530464;57216313056;55811887400;57216313852;	IoT Based Smart Agriculture Management System	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			43	10.1109/CSITSS47250.2019.9031025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083084374&doi=10.1109%2fCSITSS47250.2019.9031025&partnerID=40&md5=0b110c2d1a0fc224e7b9204c0de27988	Conference Paper

Seth, A., Satish Babu, B., Iyenger, S.S.	57216314342;57304737200;57216036851;	Machine Learning Model for Predicting Insomnia Levels in Indian College Students	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			3	10.1109/CSITSS47250.2019.9031041	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083083949&doi=10.1109%2fCSITSS47250.2019.9031041&partnerID=40&md5=8c39b27a6c2de98e287a076a92f7a6bc	Conference Paper
Makker, M., Ramanathan, R., Dinesh, S.B.	57215667761;57204028937;57200622156;	Post Disaster Management Using Satellite Imagery and Social Media Data	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			5	10.1109/CSITSS47250.2019.9031042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083083314&doi=10.1109%2fCSITSS47250.2019.9031042&partnerID=40&md5=3f6d098400116ad389a298c6394c9bd1	Conference Paper
Rajayogi, J.R., Manjunath, G., Shobha, G.	57216312810;57217430595;14829661100;	Indian Food Image Classification with Transfer Learning	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			26	10.1109/CSITSS47250.2019.9031051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083083213&doi=10.1109%2fCSITSS47250.2019.9031051&partnerID=40&md5=7820aa7722b7c88ea68ddcb5b1f6fb8f	Conference Paper

Gaba, A., Jana, A., Subramaniam, R., Agrawal, Y., Meleet, M.	57216313049;57216313165;57217405785;57538685700;57204031776;	Analysis and Prediction of Earthquake Impact-a Machine Learning approach	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			6	10.1109/CSITSS47250.2019.9031026	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083082845&doi=10.1109%2fCSITSS47250.2019.9031026&partnerID=40&md5=89793fdb23a1c1a5de6ff696c58b0e9f	Conference Paper
Prasad, A., Dev, R., Shobha, G., Shetty, J.	55941204700;57216314604;14829661100;55994536900;	Machine Learning Techniques to Detect Fraud in Credit Cards on the HPCC Systems Platform	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information				10.1109/CSITSS47250.2019.9031032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083082619&doi=10.1109%2fCSITSS47250.2019.9031032&partnerID=40&md5=93e9bbca1b583df0d0a03bc073bd805c	Conference Paper
Sharma, Y., Veliyambara, R., Shettar, R.	57548538700;57216313784;26422599700;	Hybrid Classifier for Identification of Heart Disease	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			2	10.1109/CSITSS47250.2019.9031037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083082571&doi=10.1109%2fCSITSS47250.2019.9031037&partnerID=40&md5=36564c95d03c176f73593961d4fae412	Conference Paper

Bhargavi, K., Sathish Babu, B.	55179979600;57304737200;	Load Balancing Scheme for the Public Cloud using Reinforcement Learning with Raven Roosting Optimization Policy (RROP)	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			6	10.1109/CSITSS47250.2019.9031053	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083080745&doi=10.1109%2fCSITSS47250.2019.9031053&partnerID=40&md5=0080fdc5a0df95e20ad4a83ec4d56e26	Conference Paper
Raju, A., Ramanathan, R., Hemavathy, R.	57525240100;57204028937;24168391100;	A Comparative Study of Spark Schedulers' Performance	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			3	10.1109/CSITSS47250.2019.9031028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083080546&doi=10.1109%2fCSITSS47250.2019.9031028&partnerID=40&md5=aaf697b3e047951071befdbb7ebdc9dd	Conference Paper
Suresh, R., Keshava, N.	57204893454;57216311736;	A Survey of Popular Image and Text analysis Techniques	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			9	10.1109/CSITSS47250.2019.9031023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083080402&doi=10.1109%2fCSITSS47250.2019.9031023&partnerID=40&md5=9b3a5706100eb03e5fecf14f3931850d	Conference Paper

Shravani, D., Prajwal, Y.R., Prapulla, S.B., Girish Rao Salanke, N.S., Shobha, G., Ahmad, S.F.	37102696100;57216312155;57193065088;55816940900;14829661100;57209916607;	A Machine Learning Approach to Water Leak Localization	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			12	10.1109/CSITSS47250.2019.9031010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083080284&doi=10.1109%2fCSITSS47250.2019.9031010&partnerID=40&md5=2233464eb17d0ca417aa001da1cfd1de	Conference Paper
Gadad, V., Sowmyarani, C.N.	57204565648;55532106000;	A novel utility metric to measure information loss for generalization and suppression techniques in Privacy Preserving Data publishing	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			2	10.1109/CSITSS47250.2019.9031014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083079884&doi=10.1109%2fCSITSS47250.2019.9031014&partnerID=40&md5=9581217020f227a3d0fac1006fdb92b4	Conference Paper
Prasad, A., Shobha, G., Deepamala, N., Badhya, S.S., Yashwanth, Y.S., Rohan, S.	55941204700;14829661100;37070296400;57216311631;57216313928;57216313536;	Machine Learning Techniques to Understand Partial and Implied Data Values for Conversion of Natural Language to SQL Queries on HPCC Systems	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			4	10.1109/CSITSS47250.2019.9031035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083079254&doi=10.1109%2fCSITSS47250.2019.9031035&partnerID=40&md5=9201b2c91193f1efdd78cd81b4448dbe	Conference Paper

Srihari, H.S., Seth, A., Sowmyarani, C.N.	57206726852;57216314342;55532106000;	Evaluation of Internal Factors in Driver Distraction	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information				10.1109/CSITSS47250.2019.9031049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083079028&doi=10.1109%2fCSITSS47250.2019.9031049&partnerID=40&md5=7f883515b9bdfee5167686bb0d3e1081	Conference Paper
Parikh, J.V., Natarajan, A., Sathish Babu, B.	57216313027;57225444162;57304737200;	Library Automation System: Book cover recognition using deep learning	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			1	10.1109/CSITSS47250.2019.9031052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083076617&doi=10.1109%2fCSITSS47250.2019.9031052&partnerID=40&md5=7c9f77c27f08fc690e95152c11adf847	Conference Paper
Anand, P., Chatterjee, S., Agarwal, I., Shantanu, Anupam, A., Jain, K.A.	57530216000;57216313736;58823715300;57217979686;57216313333;57216313882;	Intelligent Clinical Diagnosis System	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			1	10.1109/CSITSS47250.2019.9031022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083076377&doi=10.1109%2fCSITSS47250.2019.9031022&partnerID=40&md5=4614b4a237bef050f62faa39468a8224	Conference Paper

Jayashree, N., Sathish Babu, B.	57190663215;57304737200;	ElGamal-based Privacy-Preseving Scheme (EPPS) for Edge-Cloud-of-Things (ECoT)	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			1	10.1109/CSITSS47250.2019.9031020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083073692&doi=10.1109%2fCSITSS47250.2019.9031020&partnerID=40&md5=d7f719854231d932b6a69c7e1fa2bbff	Conference Paper
Suryanarayanan, A., Chala, A., Xu, L., Shobha, G., Shetty, J., Dev, R.	57216314338;57193408394;57202308862;14829661100;55994536900;57216314604;	Design and Implementation of Machine Learning Evaluation Metrics on HPCC Systems	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information			3	10.1109/CSITSS47250.2019.9031056	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083073401&doi=10.1109%2fCSITSS47250.2019.9031056&partnerID=40&md5=86171ec88957a8d9a6e7277c80cf3369	Conference Paper
Sathvik, K.R., Shobha, G., Shetty, J., Camper, D.	57216313145;14829661100;55994536900;57208899211;	Design and Implementation of Octave Plugin for HPCC Systems	2019	CSITSS 2019 - 2019 4th International Conference on Computational Systems and Information				10.1109/CSITSS47250.2019.9031031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083073221&doi=10.1109%2fCSITSS47250.2019.9031031&partnerID=40&md5=e9bfd6b73dc2c03393f189a4f2d0a43f	Conference Paper

Jain, N., Yerragolla, S., Guha, T., Mohana	57646072200;57216287543;57216287839;57113679700;	Performance Analysis of Object Detection and Tracking Algorithms for Traffic Surveillance Applications using Neural Networks	2019	Proceedings of the 3rd International Conference on I-SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC			23	10.1109/I-SMAC47947.2019.9032502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083023622&doi=10.1109%2fI-SMAC47947.2019.9032502&partnerID=40&md5=cc9f5ef77828402437d45c37181ff66e	Conference Paper
Ashok, R., Ananth, G.S., Gupta, S.	57190578937;57214801810;57215595522;	Optical phase-locked loop based carrier phase recovery and compensation for 8-PSK coherent optical links	2019	2019 Workshop on Recent Advances in Photonics, WRAP 2019			1	10.1109/WRAP47485.2019.9013718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082169845&doi=10.1109%2fWRAP47485.2019.9013718&partnerID=40&md5=260847d29101a157bc137cc407e876f2	Conference Paper
Abhinav, S., Srinivasan, S., Ganesan, A., Anala, M.R., Mamatha, T.	35753685000;57220925508;57860589600;55734811700;57212700004;	Wireless water quality monitoring and quality deterioration prediction system	2019	Proceedings - 26th IEEE International Conference on High Performance Computing Workshops HiPCW			2	10.1109/HiPCW.2019.00013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081625945&doi=10.1109%2fHiPCW.2019.00013&partnerID=40&md5=9183e108daa643f52a0632f6a90ca07c	Conference Paper

Anala, M.R., Makker, M., Ashok, A.	55734811700;57215667761;57215666291;	Anomaly detection in surveillance videos	2019	Proceedings - 26th IEEE International Conference on High Performance Computing Workshops HiPCW			12	10.1109/HiPCW.2019.00031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081605898&doi=10.1109%2fHiPCW.2019.00031&partnerID=40&md5=aab038f25f57decefd06cfa3ca0246ec	Conference Paper
Arvind, C.S., Jyothi, R., Mahalakshmi, K., Vaishnavi, C.K., Apoorva, U.	55446621100;57218693242;57215420928;57215308689;57215432441;	Vision Based Driver Assistance for Near Range Obstacle Sensing under Unstructured Traffic Environment	2019	2019 IEEE Symposium Series on Computational Intelligence, SSCI 2019			3	10.1109/SSCI44817.2019.9002910	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080869282&doi=10.1109%2fSSCI44817.2019.9002910&partnerID=40&md5=5a95cbe466617b9167d877850a8f2e4e	Conference Paper
Bhagat, N.K., Vishnusai, Y., Rathna, G.N.	57215316082;57215304683;660236 5016;	Indian Sign Language Gesture Recognition using Image Processing and Deep Learning	2019	2019 Digital Image Computing: Techniques and Applications, DICTA 2019			45	10.1109/DICTA47822.2019.8945850	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078708942&doi=10.1109%2fDICTA47822.2019.8945850&partnerID=40&md5=8e0c2d530b55c8e54316c69c26dbae12	Conference Paper

Hemalatha, J.N., Hariprsasad, S.A., Anitha, G.S.	55618670700;57214223060;57204648570;	Control strategy to generate pwm signals with stability analysis for dual input power converter system	2019	Indonesian Journal of Electrical Engineering and Informatics	7	4	3	10.11591/ijeei.v7i4.976	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078460261&doi=10.11591%2fijeei.v7i4.976&partnerID=40&md5=3c880c854cb2f7b5196afa4bf69bf7ce	Article
Singh, R., Ravindra Bodhe, A., Kanuparthi, P., Ananthakrishnan, A., Pitt, J.	57213351130;57213355601;57213353833;57213351160;57205132179;	From Classification to Definition: The Changing Nature of Human Adjudication	2019	IEEE Technology and Society Magazine	38	4	3	10.1109/MTS.2019.2948441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077773392&doi=10.1109%2fMTS.2019.2948441&partnerID=40&md5=d633d774276ddff9d1570af4fe2d092b	Article
Sridhar, A., Sharvani, G.S., Reddy, A.H.M., Bhattacharjee, B., Nagaraj, K.	57193230814;35293488200;57703449800;57191967870;57200284206;	The eminence of co-expressed ties in schizophrenia network communities	2019	Data	4	4		10.3390/data4040149	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076922711&doi=10.3390%2fdata4040149&partnerID=40&md5=aa92cbe897c88ac4208c0a5b5fa67f9d	Article

Rajendran, S., Shree, V., Keshri, R., Rohit, S., Rachana, S.	57210710290;57215905177;57212472693;57224373060;57212464207;	Waste segregation using artificial intelligence	2019	International Journal of Scientific and Technology Research	8	12	5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076783643&partnerID=40&md5=d122e40229ac4cebc3cdf6ad55e111f1	Article
Bharatish, A., Srihari, P.V., Panchal, A., Narasimhamurthy, H.N.	55745948600;57190045635;57211803445;650766655 0;	Analysis of Fir Tree Root of Aero-engine Disc Assembly for Simultaneous Optimization of Fretting Characteristics	2019	Journal of The Institution of Engineers (India): Series C	100	6	2	10.1007/s40032-018-0480-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075070486&doi=10.1007%2fs40032-018-0480-4&partnerID=40&md5=7411a0b56105c93fc3ebb3638f0b8b92	Article
Munishamaiah, K.	8142901200;	Improved dielectric properties of microwave irradiated sol-gel derived SiO2–TiO2 thin film	2019	Results in Engineering	4		4	10.1016/j.rineng.2019.100033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074440269&doi=10.1016%2fj.rineng.2019.100033&partnerID=40&md5=79900bb0e6646b1c2e736c168e488b95	Article

Shanthala, K., Sreenivasa, T.N., Murthy, H.N.N., Dond, S., Choudhury, H., Sharma, A.	57188931442;57188930294;65076665550;55648004000;57201677113;57199494599;	Joining of tubular steel–steel by unconventional magnetic pulse force: environmentally friendly technology	2019	Bulletin of Materials Science	42	6	8	10.1007/s12034-019-1947-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073016943&doi=10.1007%2fs12034-019-1947-5&partnerID=40&md5=12969b5ec2ba5b6f0b6660d469091602	Article
Surana, P., Jainarayanan, A.K., Anand, N.M., Sharma, M.	57225281847;57202680783;57211168553;57221641039;	Analysing non-synonymous mutations in XDR and MDR tuberculosis drugs	2019	Journal of Clinical Tuberculosis and Other Mycobacterial Diseases	17		1	10.1016/j.jctube.2019.100124	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072860870&doi=10.1016%2fj.jctube.2019.100124&partnerID=40&md5=bffc901d3ee94206d4ceeeffcefca09c	Article
Kavitha, J., Rajalakshmi, M., Phani, A.R., Padaki, M.	57210605373;56020662300;57225269780;26644354500;	Pretreatment processes for seawater reverse osmosis desalination systems—A review	2019	Journal of Water Process Engineering	32		100	10.1016/j.jwpe.2019.100926	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071129407&doi=10.1016%2fj.jwpe.2019.100926&partnerID=40&md5=4f1406b3a61e1e9aae13a2e4bbb5deff	Review

Harish, D.V.N., A, B., Murthy, H.N.N., Anand, B., Rangaraj, L.	57207191533;55745948600;650766655 0;57193022198;7801522583;	Evaluation of nanosecond laser ablation and scratch resistance of tantalum carbide coated graphite substrates	2019	Ceramics International	45	17	4	10.1016/j.ceramint.2019.07.289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069653695&doi=10.1016%2fj.ceramint.2019.07.289&partnerID=40&md5=337691e91ea9aad46204c6af7fc342f3	Article
Shylashree, N., Sangeetha, B.G., Thonse, A., Nath, V.	56045640200;55250365000;57208745238;57821585600;	Ge4Sb1Te5 device case study for NVRAM applications	2019	Microsystem Technologies	25	12		10.1007/s00542-019-04451-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065636719&doi=10.1007%2fs00542-019-04451-x&partnerID=40&md5=a7d75aee6478c2ea4873df79260ab7d3	Article
Bhat, G.P.M., Cholli, N.G.	57201584875;57202086135;	A comprehensive survey on computer-vision object detection, segmentation, tracking, and feature extraction	2019	International Journal of Advanced Science and Technology	28	16			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081287737&partnerID=40&md5=6ac5ecd56bb4c9dbc24da77bfeadecc2	Article

Phal, S.M., Yatish, H.R., Hukkeri, T.S., Natarajan, A., Gonchigar, P., Deepamala, N.	57214218504;57214221695;57214225747;57225444162;57214220858;37070296400;	ISQNL: Interpretable SQL query synthesizer from natural language input	2019	ACM International Conference Proceeding Series				10.1145/3373477.3373478	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123041754&doi=10.1145%2f3373477.3373478&partnerID=40&md5=4fd580b3042583cc818b333e62d0189a	Conference Paper
Anusha, T.M., Jagadeesh, H.S., Sunil, S.	57211941104;54403118300;57211624263;	Experimental investigation of Open Graded mixes using Reclaimed Asphalt Pavement	2019	IOP Conference Series: Materials Science and Engineering	561	1		10.1088/1757-899X/561/1/012061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075459475&doi=10.1088%2f1757-899X%2f561%2f1%2f012061&partnerID=40&md5=a645bedb9be0c3696f0fbf20ffc9c85d	Conference Paper
Panda, B., Vishwanatha, A.D., Niranjan, C.A., Harisha, P., Chandan, K.R., Kumar, R.	36772454800;57211943016;57200797269;57211938639;57211937164;58018886400;	Study of microstructure and wear properties of novel aluminium-modified fly ash composite	2019	IOP Conference Series: Materials Science and Engineering	561	1	3	10.1088/1757-899X/561/1/012005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075457811&doi=10.1088%2f1757-899X%2f561%2f1%2f012005&partnerID=40&md5=a0bf59a12d3eee9fe22de2712cb6629d	Conference Paper

Ravindra, R., Anand Kumar, B.G., Ravindra, R.	57211334046;57226132370;57211334046;	Properties and Performance of Mortar and Concrete Made with Recycled Glass Powder as Binder and Aggregate	2019	IOP Conference Series: Materials Science and Engineering	561	1		10.1088/1757-899X/561/1/012001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075452474&doi=10.1088%2f1757-899X%2f561%2f1%2f012001&partnerID=40&md5=943e001237397f14b246f92dacb9073a	Conference Paper
Sarkar, S., Uma Rao, K.U., Bhargav, J., Sheshaprasad, S., Anirudh Sharma, C.A.	57216704258;56507545977;57202434401;57216702864;57202988694;	IoT Based Wireless Sensor Network (WSN) for Condition Monitoring of Low Power Rooftop PV Panels	2019	4th International Conference on Condition Assessment Techniques in Electrical Systems,			11	10.1109/CATCON47128.2019.CN004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084956166&doi=10.1109%2fCATCON47128.2019.CN004&partnerID=40&md5=2780ee8262f9fe619249905dd73d3742d	Conference Paper
Mahesh, A., Sandhya, S., Keerthana, B.R.	57028659000;57191854773;57215861478;	Design of conformal multiband antenna and its gain enhancement using metamaterial lens	2019	2019 5th IEEE International WIE Conference on Electrical and Computer Engineering, WIECON-ECE 2019				10.1109/WIECON-ECE48653.2019.9019972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082114638&doi=10.1109%2fWIECON-ECE48653.2019.9019972&partnerID=40&md5=ed15dc2cd0443c4b8fd2c51274282ff0	Conference Paper

Nagendra Kumar, M., Jatti, A., Narayanappa, C.K.	57215183894;55580963900;57201853656;	Probable Region Identification and segmentation in Breast Cancer using the DL-CNN	2019	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT 2019			6	10.1109/ICSSIT46314.2019.8987818	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080079554&doi=10.1109%2fICSSIT46314.2019.8987818&partnerID=40&md5=f832f149736ad21a1591cae74569971d	Conference Paper
Sowmya, K.B., Chandran, R.	57211483117;57195532151;	A 6tap Fir Filter Implementation Using Modified Bachet Architecture for Reduced Mapped Resources	2019	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT 2019			2	10.1109/ICSSIT46314.2019.8987902	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080069386&doi=10.1109%2fICSSIT46314.2019.8987902&partnerID=40&md5=53aa847a20cdd2c18526e300272d8153	Conference Paper
Pandit, S.N., Rohit Mohan Krishna, G.V.L.R., Akash, R., Moharir, M.	57545786800;57215198874;57210335868;54419033000;	Cloud Based Smart Parking System for Smart Cities	2019	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT 2019			9	10.1109/ICSSIT46314.2019.8987592	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080061304&doi=10.1109%2fICSSIT46314.2019.8987592&partnerID=40&md5=bf899cec5f06cd439b48492df21fe55e	Conference Paper

Reddy, C., Shenoy, S., Sharma, R.S.	58282034900;57213001988;55348178700;	Vibration analysis of cantilever beam in time domain and frequency domain using arduino platform	2019	Vibroengineering Procedia	29		2	10.21595/vp.2019.21144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077509760&doi=10.21595%2fvp.2019.21144&partnerID=40&md5=b59690a53590f00be4816ba6269c2a7c	Conference Paper
Sujatha, B.G., Anitha, G.S.	57193694249;57204648570;	Grid synchronisation of photovoltaic distributed generation using hybrid FUZZY-PI controller	2019	International Journal of Innovative Technology and Exploring Engineering	9	1	1	10.35940/ijitee.A4740.119119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075313130&doi=10.35940%2fijitee.A4740.119119&partnerID=40&md5=06b2234c7295a5ba4f5151a34514f851	Article
Chaudhuri, T., Vidya, N., Manjunatha Reddy, A.H., Varun, S.	56040700500;660323465 6;57703449800;57950388400;	Taxonomical annotation of whole genome metagenomic data to identify microbiome in Indian TB patients	2019	International Journal of Innovative Technology and Exploring Engineering	9	1		10.35940/ijitee.A4570.119119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075196255&doi=10.35940%2fijitee.A4570.119119&partnerID=40&md5=dd52b48ac330767c838a10742e2d656e	Article

Padmavathi, C., Veenadevi, S.V.	57201120726;56039237400;	An optimized FPGA based system design for the arrhythmia detection using ECG	2019	International Journal of Innovative Technology and Exploring Engineering	9	1	4	10.35940/ijitee.J9420.119119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075162720&doi=10.35940%2fijitee.J9420.119119&partnerID=40&md5=5dd21aeabc53fd34e551b00ba8534dca	Article
Chinmay, C., Kenchannavar, M.S., Tejaswini, A., Kariyappa, B.S.	57202988360;57211859052;57211854537;35102416500;	VTEAM model based in-memory computation using memristors	2019	International Journal of Innovative Technology and Exploring Engineering	9	1	4	10.35940/ijitee.A4549.119119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075127179&doi=10.35940%2fijitee.A4549.119119&partnerID=40&md5=c2a926a8e6b7d7c77c1d23d1ef7d7512	Article
Patil, N., Rao, P.V., Patil, P.N.	57211620212;58334874300;55813647400;	Hybrid CNN assisted computer aided diagnosis system for glaucoma detection and classification: Glauconet+	2019	International Journal of Innovative Technology and Exploring Engineering	9	1	2	10.35940/ijitee.A9135.119119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075061244&doi=10.35940%2fijitee.A9135.119119&partnerID=40&md5=6f5178c0886acd237207f89b6f751557	Article

Koppal, V.V., Patil, P.G., Melavanki, R.M., Kusanur, R.A., Afi, U.O., Patil, N.R.	55444679900;57214367810;23061607900;650772790 4;55884666700;35366935700;	Exploring the influence of silver nanoparticles on the mechanism of fluorescence quenching of coumarin dye using FRET	2019	Journal of Molecular Liquids	292		18	10.1016/j.molliq.2019.111419	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069882674&doi=10.1016%2fj.molliq.2019.111419&partnerID=40&md5=0d4687c48f693e93da32b8b7f5a67ef7	Article
Shourya, T.R., Sunanda, C.	57202978078;57193055031;	Wireless Power Charging Outlook: A Study of Divergent Methodologies	2019	2019 Global Conference for Advancement in Technology, GCAT 2019				10.1109/GCAT47503.2019.8978370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084810350&doi=10.1109%2fGCAT47503.2019.8978370&partnerID=40&md5=20567ca2d34f52a5b214e2ce96013cf8	Conference Paper
Jyothi, R., Mahalakshmi, K., Vaishnavi, C.K., Apoorva, U., Nitya, S.	57218693242;57215420928;57215308689;57215432441;57216829648;	Driver Assistance for Safe Navigation under Unstructured Traffic Environment	2019	2019 Global Conference for Advancement in Technology, GCAT 2019			4	10.1109/GCAT47503.2019.8978279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084793500&doi=10.1109%2fGCAT47503.2019.8978279&partnerID=40&md5=62c25279156ed6e0a0c3cd2e74f588f8	Conference Paper

Kaur, G., Prakash Associate, A., Rao, K.U.	58045197100;56808760000;55792251700;	Design and Implementation of Hybrid Micro-Grid in MATLAB for Fault Current Analysis in Different Modes of Micro-Grid Operations	2019	2019 3rd International Conference on Recent Developments in Control, Automation and Power Engineering			3	10.1109/RDCAPE47089.2019.8979096	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084341570&doi=10.1109%2fRDCAPE47089.2019.8979096&partnerID=40&md5=923e141505062d6457301e062df1c150	Conference Paper
Jyothi, R., Zahid, S.M., Zain, M.S., Begum, R., Afzal, S., Uma Rao, K., Jayapal, R.	57218693242;57216702450;57216703441;57202980534;57216703676;6507545977;57191804655;	Automatic Fault Diagnosis System for Voltage Source Inverter Driven Induction Motor	2019	2019 3rd International Conference on Recent Developments in Control, Automation and Power Engineering			2	10.1109/RDCAPE47089.2019.8979041	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084332493&doi=10.1109%2fRDCAPE47089.2019.8979041&partnerID=40&md5=ddaa141bd60f432b80cb9dd79f938517	Conference Paper
Sarkar, S., Rao, K.U., Bhargav, J., Sheshaprasad, S., Sharma, A.	57216704258;55792251700;57202434401;57216702864;57202988694;	Signature Analysis of Electrical Faults in Standalone PV Systems with Storage	2019	2019 3rd International Conference on Recent Developments in Control, Automation and Power Engineering			1	10.1109/RDCAPE47089.2019.8979080	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084329980&doi=10.1109%2fRDCAPE47089.2019.8979080&partnerID=40&md5=d6831b940de3da9bf100935d24262c02	Conference Paper

Arvind, C.S., Prajwal, R., Bhat, P.N., Sreedevi, A., Prabhudeva, K.N.	55446621100;56938769900;57213189779;35173705900;57213189967;	Fish Detection and Tracking in Pisciculture Environment using Deep Instance Segmentation	2019	IEEE Region 10 Annual International Conference, Proceedings/TENCON	#####		19	10.1109/TENCON.2019.8929613	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077709384&doi=10.1109%2fTENCON.2019.8929613&partnerID=40&md5=bc277b1380872e721e5d30a14eb059d4	Conference Paper
Sujith, M., Saranya, C., Satheesh, B.H., Dinesh, M.N.	57217499355;57041067200;57203436276;58959535500;	Low Speed Estimation of Sensorless Direct Torque Controlled Induction Motor Drive Using Extended Kalman Filter with Adaptive Speed Adjustment Technique	2019	IEEE Region 10 Annual International Conference, Proceedings/TENCON	#####		3	10.1109/TENCON.2019.8929647	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077690639&doi=10.1109%2fTENCON.2019.8929647&partnerID=40&md5=030ef90ba62e00b790be0b61b0b8c5e3	Conference Paper
Ravish, R., Gupta, V.R., Nagesh, K.J., Karnam, A., Rangaswamy, S.	57205446399;58278691400;57214584261;57211794260;35293507700;	Software implementation of an automatic movable road barrier	2019	Proceedings - International Carnahan Conference on Security Technology	#####			10.1109/CCST.2019.8888417	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074968772&doi=10.1109%2fCCST.2019.8888417&partnerID=40&md5=45d7d8b7b4a8242db227646b42228729	Conference Paper

Shashi Kumara, S.R., Venkatesh Babu, D.L., Udayashankar, B.C., Bharath, S.	57211626196;14051278300;25028845300;57217458810;	Evaluation of fiber type and water-binder ratio influence on concrete properties	2019	International Journal of Engineering and Advanced Technology	9	1		10.35940/ijeat.A2223.109119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074664515&doi=10.35940%2fijeat.A2223.109119&partnerID=40&md5=530f4c9f055d1431b41f6a70112479ce	Article
Sridhar, A., Sharvani, G.S., Ramakanth Kumar, P., Manjunatha Reddy, A.H., Nagaraj, K.	57193230814;35293488200;650696220 3;57703449800;57200284206;	Biosociolink: A decision support system for analyzing link properties in biological and social networks	2019	International Journal of Engineering and Advanced Technology	9	1		10.35940/ijeat.A1914.109119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074643684&doi=10.35940%2fijeat.A1914.109119&partnerID=40&md5=cbf5bcde0c5873c83536c9d5cae87015	Article
Anirvinnan, P., Parashar, V.S., Aneesh Bharadwaj, D., Premananda, B.S.	57211604685;57211608075;57211604054;37091407700;	Low power AVLS-TSPC based 2/3 pre-scaler	2019	International Journal of Engineering and Advanced Technology	9	1	10	10.35940/ijeat.A1974.109119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074607954&doi=10.35940%2fijeat.A1974.109119&partnerID=40&md5=21c53f8a08c8829914d947908a8d6a3b	Article

Praveena, T., Nagaraja, G.S.	57193072047;6603530464;	Implementation of Max-SNR opportunistic scheduling in cross layer design	2019	International Journal of Engineering and Advanced Technology	9	1		10.35940/ijeat.A1761.109119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074581619&doi=10.35940%2fijeat.A1761.109119&partnerID=40&md5=954597d7cff0212bbad4081d82fcae72	Article
Khanure, D., Reddy, B.R.	57211403866;15754415500;	Automation of switching in COADM using machine learning algorithm	2019	International Journal of Innovative Technology and Exploring Engineering	8	12		10.35940/ijitee.L3505.1081219	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073804589&doi=10.35940%2fijitee.L3505.1081219&partnerID=40&md5=cf62202706dedd706c33efd4c77abc5f	Article
Premananda, B.S., Soundarya, S., Chaitra Dechamma, K.S.	37091407700;57211314258;57211407029;	Compact QCA based JK flip-flop for digital system	2019	International Journal of Innovative Technology and Exploring Engineering	8	12	9	10.35940/ijitee.L3074.1081219	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073779449&doi=10.35940%2fijitee.L3074.1081219&partnerID=40&md5=97cae7a1149c26bac3d2635d74e77dc9	Article

Mahalakshmi, Krishnappa, H.K., Jayadevappa, D.	57202007168;57188733713;23985327700;	Automated brain tumor segmentation and identification using MR images	2019	International Journal of Innovative Technology and Exploring Engineering	8	12	2	10.35940/ijitee.K2214.0981119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073721939&doi=10.35940%2fijitee.K2214.098111 9&partnerID=40&md5=41f66527cb4acc173ffb1cc27fdfc52d	Article
Koppal, V.V., Patil, P.G., Melavanki, R., Kusanur, R., Patil, N.R.	55444679900;57214367810;23061607900;650772790 4;35366935700;	Solvent Effect on the Relative Quantum Yield and Preferential Solvation of Biologically Active Coumarin Derivative	2019	Macromolecular Symposia	387	1	2	10.1002/masy.201800210	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073426154&doi=10.1002%2fmasy.201800210&partnerID=40&md5=67a2930115d0b7bc4ad00787cab8131d	Article
Jayanthi, S., Kavitha, T.	57226789704;57214560570;	A modified compact numerical algorithm to solve 2D Navier-Stokes equation	2019	Results in Applied Mathematics	3		2	10.1016/j.rinam.2019.100065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072665473&doi=10.1016%2fj.rinam.2019.100065&partnerID=40&md5=2c566cf75062fd73a3106348dc40dffd	Article

Patagar, D., Kusanur, R., Sitwala, N.D., Ghate, M.D., Saravanakumar, S., Nembenna, S., Gediya, P.A.	57210727212;650 7727904;5619482 3700;6603672706 ;57189252081;22 951404000;57210 728125;	Synthesis of Novel 4-Substituted Coumarins, Docking Studies, and DHODH Inhibitory Activity	2019	Journal of Heterocyclic Chemistry	56	10	14	10.1002/jhet.364 4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071294740&doi=10.1002%2fjhet.3644&partnerID=40&md5=4478b846d6980a1898f8c7ab069ee3e9	Article
Nadar, N.R., Krishna, M., Suresh, A.V.	57204658287;814 2901200;5441917 7200;	Energy-harvesting enhancement in composites of microwave-exfoliated KNN and multiwall carbon nanotubes	2019	Bulletin of Materials Science	42	5	1	10.1007/s12034-019-1938-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070193503&doi=10.1007%2fs12034-019-1938-6&partnerID=40&md5=49b186265095f590dec5dbbcb8b18c8b	Article
Veena, R.S., Pujeri, R.V., Indiramma, M.	55532926000;650 4682594;2482441 4200;	A cost-effective 2-tier security paradigm to safeguard cloud data with faster authentication	2019	International Journal of Electrical and Computer Engineering	9	5	1	10.11591/ijece.v9i5.pp3833-3842	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067361600&doi=10.11591%2fijece.v9i5.pp3833-3842&partnerID=40&md5=b2bea9ae14ea2781a4ae96ec72b848aa	Article

Sundaramurthy, A.H., Raviprakash, N., Devarla, D., Rathis, A.	57213262421;57213262391;57192540373;57192559300;	Machine learning and artificial intelligence: Rural development analysis using satellite image processing	2019	AI and Big Data's Potential for Disruptive Innovation			3	10.4018/978-1-5225-9687-5.ch004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077729467&doi=10.4018%2f978-1-5225-9687-5.ch004&partnerID=40&md5=6440feda7bf64b71caddc088eb18916e	Book Chapter
C.R, A., Thakkar, J.J.	57209261626;12752722100;	Application of Six Sigma DMAIC methodology to reduce the defects in a telecommunication cabinet door manufacturing process: A case study	2019	International Journal of Quality and Reliability Management	36	9	17	10.1108/IJQRM-12-2018-0344	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067035434&doi=10.1108%2fIJQRM-12-2018-0344&partnerID=40&md5=92f3b508c4193550e34afbce82433fe4	Article
Phal, S.M., Girish Rao Salanke, N.S., Shobha, G., Prapulla, S.B.	57214218504;55816940900;14829661100;57193065088;	Intelligent Meters for Urban Domestic Water Consumption	2019	Proceedings - 2019 8th IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2019			3	10.1109/CCEM48484.2019.00013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083681563&doi=10.1109%2fCCEM48484.2019.00013&partnerID=40&md5=6b6e59b4d9f28700427b0935ef47b6e1	Conference Paper

Shravani, D., Prajwal, Y.R., Prapulla, S.B., Girish Rao Salanke, N.S., Shobha, G.	37102696100;57216312155;57193065088;55816940900;14829661100;	Cloud-Based Water Leakage Detection and Localization	2019	Proceedings - 2019 8th IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2019			3	10.1109/CCEM48484.2019.00018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083672322&doi=10.1109%2fCCEM48484.2019.00018&partnerID=40&md5=50caaa05ce69266ca0fc3ca21a2ea3ae	Conference Paper
Muralidhara, H., Suresh, R., Krishna, M.	57211552140;57198152205;81429001200;	Optimization of composite process parameters on fracture toughness of glass fiber reinforced plastics	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 11		10.35940/ijrte.B1009.0982S1119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074438703&doi=10.35940%2fijrte.B1009.0982S1119&partnerID=40&md5=5fb622e4afabe39b9253ee802cf7a84f	Article
Gayathri, G., Sankar Reddy, D., Shashi Kiran, C.R., Maveen Kumar Reddy, P., Beulah	57211555178;57206614926;57191959343;57211554365;57190252534;	Degradation of azodyes in wastewater by using hydrodynamic cavitation technique	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 11		10.35940/ijrte.B1056.0982S1119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074408729&doi=10.35940%2fijrte.B1056.0982S1119&partnerID=40&md5=410bc4a101ce54654b451b7fdf749368	Article

Gangal, S.B., Sanjana, S., Husain, A., Gajalakshmi, K.	57211553345;57191366063;57211557316;57199326639;	Decentralized management of urban wastewater for rural agricultural utilization	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 11		10.35940/ijrte.B1016.0982S1119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074402853&doi=10.35940%2fijrte.B1016.0982S1119&partnerID=40&md5=cefd991c7c8d195ddeef3c2fd2ab954c	Article
Nagaraj, K., Sharvani, G.S., Sridhar, A.	57200284206;35293488200;57193230814;	Encrypting and preserving sensitive attributes in customer churn data using novel dragonfly based pseudonymizer approach	2019	Information (Switzerland)	10	9	5	10.3390/info10090274	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074048117&doi=10.3390%2finfo10090274&partnerID=40&md5=0795f9f63739f77c28b58c31f9390bac	Article
Bhargavi, K., Sathish Babu, B.	55179979600;57304737200;	Uncertainty Aware Resource Provisioning Framework for Cloud Using Expected 3-SARSA Learning Agent: NSS and FNSS Based Approach	2019	Cybernetics and Information Technologies	19	3	5	10.2478/cait-2019-0028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073873403&doi=10.2478%2fcait-2019-0028&partnerID=40&md5=b7f4e87dededc31a00112830d7c2a5ee	Article

Krishna Prasad, S., Shambulinga, M.	57211342813;57189238537;	Design of class F power amplifier for 2.4ghz using third harmonics	2019	International Journal of Recent Technology and Engineering	8	3	1	10.35940/ijrte.C6130.098319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073553280&doi=10.35940%2fijrte.C6130.098319&partnerID=40&md5=407c357e9ed24ed76e7bae7d865ab502	Article
Guduru, K.K., Jayadevappa, U.	56538498200;55941122900;	Overload control with hybrid SIP signaling - Using smart reliability and priority queuing strategies	2019	International Journal of Recent Technology and Engineering	8	3		10.35940/ijrte.C5373.098319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073538910&doi=10.35940%2fijrte.C5373.098319&partnerID=40&md5=d82c0e0c05101f1e840d0ea360997da6	Article
Dharani, A., Manjuprasad, B.	54383109800;56112254800;	Lightweight security protocol for efficient information transfer in sensor networks	2019	International Journal of Recent Technology and Engineering	8	3	1	10.35940/ijrte.C5259.098319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073531223&doi=10.35940%2fijrte.C5259.098319&partnerID=40&md5=a9c0be780f87748b82d2dd412a702333	Article

Srinath, D., Shashishankar, A., Ravindra, R., Mohiyuddin, C.S.	57211336169;650 5876311;5721133 4046;5721133403 2;	Compressive strength of concrete with construction and demolition waste and m-SAND using additives	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 10		10.35940/ijrte.B1156.0982S1019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073508887&doi=10.35940%2fijrte.B1156.0982S1019&partnerID=40&md5=7d4e9e8f3d32afdbd3300d93dd8abed2	Article
Supreeth, R., Arokkiaswamy, A., Raikar, N.J., Prajwal, H.P., Sudhanva, M.	57209681773;229 50221500;572113 25498;572113244 12;57211320023;	Geometrical design of a rotor blade for a small scale horizontal axis wind turbine	2019	International Journal of Recent Technology and Engineering	8	3	2	10.35940/ijrte.C5036.098319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073472750&doi=10.35940%2fijrte.C5036.098319&partnerID=40&md5=e1340f18262ffecd5a6ec889d3dcc0c2	Article
Devadas, R., Srinivasan, G.N.	57211319329;565 01487200;	Review of different fuzzy logic approaches for prioritizing software requirements	2019	International Journal of Scientific and Technology Research	8	9	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073464231&partnerID=40&md5=8d1bf7c74964dd99ffa232595ff4bd54	Article

Managuli, M., Deshpande, A.	57201949007;57202899762;	Description and identification of soil quality measuring development using uav's and e-nose system	2019	International Journal of Recent Technology and Engineering	8	3	2	10.35940/ijrte.C5276.098319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073459629&doi=10.35940%2fijrte.C5276.098319&partnerID=40&md5=02bcb1f6d772941154b7eadc061b88db	Article
Badari Nath, K., Nayak, S., Ambareesh, R., Ganesan, S., Srinivasa Reddy, C.	56857620700;57208817073;56857551300;57211325620;57211312481;	Design and development of electronic jacquard for Korai mat weaving loom	2019	Indian Journal of Fibre and Textile Research	44	3			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073419714&partnerID=40&md5=31e29b033319c6b15c5e2f5a7fe9326a	Article
Hemanth Kumar, C.S., Kariyappa, B.S.	57202624089;35102416500;	7T based SRAM topologies with low power and higher SNM	2019	International Journal of Innovative Technology and Exploring Engineering	8	11	1	10.35940/ijitee.K2269.0981119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073361181&doi=10.35940%2fijitee.K2269.0981119&partnerID=40&md5=336d9f32010ffbc5c6445eaa87b1100d	Article

Sandhya, S., Cauvery, N.K.	35185484500;35291528300;	Dynamic load balancing based on genetic algorithm	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		10.35940/ijitee.K1273.0981119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073329036&doi=10.35940%2fijitee.K1273.0981119&partnerID=40&md5=bae3172a3abdccccf748b6a3f2387c57	Article
Badiger, S.D., Uttarakumari, M.	57201858706;36545560700;	Tree copula theory based fusion and compressive sensing for activity detection using multi-modal data	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		10.35940/ijitee.K2547.0981119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073317464&doi=10.35940%2fijitee.K2547.0981119&partnerID=40&md5=c1e327c19b100e644b736831ab0bec3d	Article
Muralidhar Singh, M., Kumar, H., Nagesha, K.V., Sivaiah, P., Hemath Kumar, G., Ajay, K.M., Vijaya, G.	56512422100;37036300000;57203485462;57192977154;37039232800;58906793700;56511881300;	Evaluation of Multilayer Thin Film Coatings for Solar Thermal Applications	2019	Arabian Journal for Science and Engineering	44	9	3	10.1007/s13369-019-03904-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065988037&doi=10.1007%2fs13369-019-03904-9&partnerID=40&md5=4afe73bf626fe3e5cbfc42b93f2b004f	Article

Prapul Chandra, A.C., Byregowda, H.V., Gangadhar, T.G., Angadi, G., Krishna, M.	57210573298;37086922200;57210571003;57200842568;8142901200;	Investigation the effect of electroplating and filler material on the tensile properties of wollastonite reinforced ABS composites	2019	Journal of Physics: Conference Series	1240	1	6	10.1088/1742-6596/1240/1/012105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071011653&doi=10.1088%2f1742-6596%2f1240%2f1%2f012105&partnerID=40&md5=f951b0fce8c9e567d56d2dda27ee59bb	Conference Paper
Trilokchandran, B., Vijayakumar, G., Thippareddy, K.S.	57214270580;57226458402;57214271164;	Formulation and evaluation of cosmetic cream from cabbage extract	2019	Research Journal of Pharmacy and Technology	12	8	5	10.5958/0974-360X.2019.00612.7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078569347&doi=10.5958%2f0974-360X.2019.00612.7&partnerID=40&md5=5bfb02bbafaa0c0193893969f4db6c1e	Article
Krishna, M., Kumar, S.M.	8142901200;57226746441;	Synthesis of nanocrystalline titanium nitride by microwave plasma technique	2019	SN Applied Sciences	1	8	9	10.1007/s42452-019-0836-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076577592&doi=10.1007%2fs42452-019-0836-2&partnerID=40&md5=b1b9363fee3efd7c5d40c7ddace7ff3a	Article

Xie, N., Bera, D., Chen, S.-C., Bhowmick, S., Shobha, G., Agrawal, R., Prasad, S., Bogaerts, S.	22939709000;35408743400;74102544440;7006796100;14829661100;57194179863;57211271701;12344599400;	Preface	2019	2019 12th International Conference on Contemporary Computing, IC3 2019				10.1109/IC3.2019.8844909	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073214483&doi=10.1109%2fIC3.2019.8844909&partnerID=40&md5=f6930bc1452b49086b34079e2fcc04de	Editorial
Amaresh, C., Jatti, A.	54790511500;55580963900;	Efficient design and fpga implementation of microarchitecture for network-on-chip routers	2019	International Journal of Innovative Technology and Exploring Engineering	8	10		10.35940/ijitee.G5825.0881019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071336383&doi=10.35940%2fijitee.G5825.0881019&partnerID=40&md5=eb994f1f2f7ea0e870a6582ce54b94c6	Article
Anitha, N., Srividya, P.	57210699519;55842449800;	Balanced XOR/XNOR circuits using CNTFET	2019	International Journal of Innovative Technology and Exploring Engineering	8	10		10.35940/ijitee.J8890.0881019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071279861&doi=10.35940%2fijitee.J8890.0881019&partnerID=40&md5=87743c8c3c428da3fa67239f9397ecfe	Article

Joglekar, P.V., Gladen, R.W., Chirayath, V.A., Fairchild, A.J., Kalaskar, S., Shastry, K., Dong, Q., Hulbert, S.L., Bartynski, R.A., Werner, W.S.M., Weiss, A.H.	55699048400;57193715642;36070339500;57193703873;55879095800;56512038300;57196865364;7007127053;6603783865;7203024809;7402247662;	Measurement of the full electron spectrum associated with the Ag N3VV Auger transitions: Evidence for the contribution of multi-electron Auger processes	2019	Journal of Electron Spectroscopy and Related Phenomena	235		5	10.1016/j.elspec.2019.06.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067882634&doi=10.1016%2fj.elspec.2019.06.006&partnerID=40&md5=9b6cb893143954371b8a36889e681dea	Article
Shetty, A.A.	57221647849;	ASIC Design Flow And Methodology - An Overview	2019	SSRG International Journal of Electrical and Electronics Engineering	6	7	1	10.14445/23488379/IJEEE-V6I7P101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150658035&doi=10.14445%2f23488379%2fIJEEE-V6I7P101&partnerID=40&md5=9f0b73b66c154ced6f9ffbf433fecd89	Review
Chandrasekhar, K., Kumaraswamy, H.V.	57188561344;24534870500;	Performance evaluation of pisarenko harmonic decomposition and music-like algorithms for narrowband spectrum sensing in cognitive radio	2019	Journal of Scientific and Industrial Research	78	7	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104203557&partnerID=40&md5=72a6a51beb5fd1aea389719af202f0c9	Article

Arpitha, R., Chaithra, B.R., Padma, U.	57215289803;57215298417;57201863706;	Cooperative Hybrid Automatic Repeat Request Based on the Number of Retransmissions	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019				10.1109/ICCES45898.2019.9002408	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081164691&doi=10.1109%2fICCES45898.2019.9002408&partnerID=40&md5=f576b8f34b888f37ca508a3be13dc7e6	Conference Paper
Raghunandan, A., Shilpa, D.R.	57204897354;56112828300;	Design of Electrostatic Energy Harvesting Pre charge Circuit	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019				10.1109/ICCES45898.2019.9002081	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081163669&doi=10.1109%2fICCES45898.2019.9002081&partnerID=40&md5=94573aeb696e67fdbcb1361e8d82af44	Conference Paper
Pattar, A.S., Srinivas, B.K.	57215560328;57215663651;	Automated Mapping of Service Level Agreements to Application Programming Interfaces of Different Cloud Service Providers	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019			1	10.1109/ICCES45898.2019.9002063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081163430&doi=10.1109%2fICCES45898.2019.9002063&partnerID=40&md5=d52931ad1e8eab77ce3df1412f22e021	Conference Paper

Khichadi, L., Kumar, S.G., Nagamani, K.	57215558028;57213856515;57218872766;	Building a Cloud Solution for Energy Management using Raspberry Pi	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019			2	10.1109/ICCES45898.2019.9002390	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081161590&doi=10.1109%2fICCES45898.2019.9002390&partnerID=40&md5=43e1be450ae6e84aef4dad3888441ac6	Conference Paper
Gayathri, G., Padma, U., Jhanavi, B.S., Sai, T.Y.	57215560102;57201863706;57215557835;57215557971;	Modified 802.11b for Co-operative Ad-hoc Networks	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019				10.1109/ICCES45898.2019.9002176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081160671&doi=10.1109%2fICCES45898.2019.9002176&partnerID=40&md5=73edd7c0555ec30c56f3de4d74d90a3d	Conference Paper
Rashmi, M., Prasad, S.G.R.	57215559584;57212757519;	Developing Augmented Reality Application for All-in-one Interface Card	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019				10.1109/ICCES45898.2019.9002316	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081160186&doi=10.1109%2fICCES45898.2019.9002316&partnerID=40&md5=bcd981c3bea8ff8d4a9d83c3759f457d	Conference Paper

Marri, J., Manishankar, S., Radha, D., Moharir, M.	57215559887;56623155300;57190340634;57215616144;	Implementation and Analysis of Adaptive Odd-Even Routing in Booksim 2.0 Simulator	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019			7	10.1109/ICCES45898.2019.9002391	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081159476&doi=10.1109%2fICCES45898.2019.9002391&partnerID=40&md5=e94055567d095ba18fb66a0d2ecbc3e5	Conference Paper
Khichadi, L., Nagamani, K.	57215558028;57218872766;	Performance Evaluation of Power over Ethernet in an Ethernet Switch	2019	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019			1	10.1109/ICCES45898.2019.9002072	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081158701&doi=10.1109%2fICCES45898.2019.9002072&partnerID=40&md5=2679ed94138433e148f71ba36c3c249f	Conference Paper
Chikkaraddi, S.S., Smitha, G.R.	57215537039;57215537070;	Epidemic Disease Expert System	2019	1st IEEE International Conference on Advances in Information Technology, ICAIT 2019 - Proceedings			2	10.1109/ICAIT47043.2019.8987421	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081109902&doi=10.1109%2fICAIT47043.2019.8987421&partnerID=40&md5=c351550cc387f001bd05d25c1b4e97d7	Conference Paper

Kumar, H.U., Prasad, R.	57215538262;57212757519;	Algorand: A Better Distributed Ledger	2019	1st IEEE International Conference on Advances in Information Technology, ICAIT 2019 - Proceedin			2	10.1109/ICAIT47043.2019.8987305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081105417&doi=10.1109%2fICAIT47043.2019.8987305&partnerID=40&md5=39c54686764d74c809f401ea543f5f3d	Conference Paper
Chandana, K.C., Geetha, V.	57215537694;58072606700;	Efficient and Secure Communication of Quantum Image Steganography using 3-way's of Authentication	2019	1st IEEE International Conference on Advances in Information Technology, ICAIT 2019 - Proceedin			2	10.1109/ICAIT47043.2019.8987353	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081096636&doi=10.1109%2fICAIT47043.2019.8987353&partnerID=40&md5=2f738d3cbeef7a002315112129b1718b	Conference Paper
Ravikumar, C.P., Swamy, S.K., Uma, B.V.	7006745203;56857512200;55130921800;	A hierarchical approach to self-test, fault-tolerance and routing security in a Network-on-Chip	2019	2019 IEEE International Test Conference India, ITC India 2019			3	10.1109/ITCIndia46717.2019.8979997	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081055526&doi=10.1109%2fITCIndia46717.2019.8979997&partnerID=40&md5=6d2876fe6889eff6697f1b7f7074680d	Conference Paper

Akhtar, S., Uma, B.V.	57215219692;55130921800;	Leakage Reduction Tehniques in SRAM	2019	2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologi			1	10.1109/ICICICT46008.2019.8993156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080138201&doi=10.1109%2fICICICT46008.2019.8993156&partnerID=40&md5=bd725506c68895b8accb9b2ee9bed139	Conference Paper
Hari Kuamar, P., Ramavenkateswaran, N.	57215220781;57200086547;	Low Power High Speed 15-Transistor Static True Single Phase Flip Flop	2019	2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologi			4	10.1109/ICICICT46008.2019.8993225	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080125255&doi=10.1109%2fICICICT46008.2019.8993225&partnerID=40&md5=f2086b0f4b12e5e7400556c06c3f5a90	Conference Paper
Mangawati, A.S., Palecha, N.	57204903767;55813823500;	Clock Gating Integration Using 18T-TSPC Clocked Flip Flop	2019	2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologi			1	10.1109/ICICICT46008.2019.8993329	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080108511&doi=10.1109%2fICICICT46008.2019.8993329&partnerID=40&md5=1eeb8ae0d7b749a797cb8695c08963b2	Conference Paper

Mandadi, A.S., Gooty, S.A., Kumari, M.U., Badiger, S.D.	57215270223;57215287701;55340461500;57201858706;	Copula Based Moving Vehicle Classification in Compressive Domain without Signal Reconstruction	2019	2019 10th International Conference on Computing, Communication and Networking Technologi			1	10.1109/ICCCNT45670.2019.8944858	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078161729&doi=10.1109%2fICCCNT45670.2019.8944858&partnerID=40&md5=a7fbedf0571c25181c7483f95c9e6e44	Conference Paper
Sudarshan, M., Gowda, P.D., Rohit, B., Nagaraju, N.B.	57484851200;57202944233;57194344077;57202942767;	Effect of temperature on local stresses in magnetoelectric composites	2019	2019 IEEE 10th International Conference on Mechanical and Aerospace Engineering, ICMAE 2019				10.1109/ICMAE.2019.8881014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074815351&doi=10.1109%2fICMAE.2019.8881014&partnerID=40&md5=f1b94170b435c30311dde304c0beb70a	Conference Paper
Roopa, J., Rahul, N., Pragna, G.S., Geetha, K.S., Satyanarayana, B.S., Govinda Raju, M.	57113594600;58135064300;57211322107;55813220500;14421886700;56862175000;	Bio potential signal conditioning using MATLAB on electromyography signals	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 6		10.35940/ijrte.B1085.0782S619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073473807&doi=10.35940%2fijrte.B1085.0782S619&partnerID=40&md5=c8e4ee637d99e5d6a0426b2db068fc37	Article

Anantharama, V., Gajalakshmi, K., Lokeshwari, M.	35408535800;57199326639;36717811400;	Spatial and temporal drought analysis in Sitanadi Basin, Udupi District Karnataka, using SPI	2019	International Journal of Innovative Technology and Exploring Engineering	8	9 Special Issue 3		10.35940/ijitee.I3058.0789S319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072124426&doi=10.35940%2fijitee.I3058.0789S319&partnerID=40&md5=11c6d6bb5061c19605040ca4c6a01585	Article
Anitha, N., Srividya, P.	57210699519;55842449800;	Parameter analysis of CNTFET	2019	International Journal of Recent Technology and Engineering	8	2	2	10.35940/ijrte.B2609078219	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072105335&doi=10.35940%2fijrte.B2609078219&partnerID=40&md5=5fb88e4147b385a2016e197fdc245f89	Article
Prasanna, B.P., Avadhani, D.N., Raj, V., Kumar, K.Y., Raghu, M.S.	57189760730;66026158 71;57211996244;7402675451;55367947900;	Fabrication of PANI/SnO2 Hybrid Nanocomposites via Interfacial Polymerization for High Performance Supercapacitors Applications	2019	Surface Engineering and Applied Electrochemistry	55	4	10	10.3103/S1068375519040100	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071768164&doi=10.3103%2fS1068375519040100&partnerID=40&md5=58e54cb4f598c9e5aa3d66f148efdf91	Article

Mahendra, B.M., Sonoli, S.	57219482390;55376477500;	Performance research on iterative methods for image deblurring	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 3		10.35940/ijrte.B1196.0782S319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071234846&doi=10.35940%2fijrte.B1196.0782S319&partnerID=40&md5=1836b010bca3e903650838a5d3824569	Article
Santhosh Kumar, P.	57189060613;	A note on convexity of sections of quaternionic numerical range	2019	Linear Algebra and Its Applications	572		6	10.1016/j.laa.2019.03.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062809021&doi=10.1016%2fj.laa.2019.03.005&partnerID=40&md5=8b19a5503d47f35ecd160535bc7cdd6c	Article
Natarajan, A., Bharat, K., Kaustubh, G.R., Sai Praveen, P.N., Minal, M., Srinath, N.K., Subramanya, K.N.	57225444162;57210970415;57210968803;57214918589;54419033000;24492408800;35753798900;	An approach to real time parking management using computer vision	2019	ACM International Conference Proceeding Series			3	10.1145/3341016.3341025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072086058&doi=10.1145%2f3341016.3341025&partnerID=40&md5=ee572fd2da1bafc7584808fa7aef5042	Conference Paper

Sumathi, M., Cholli, N.G., Nayak, S.	57743492600;57202086135;57208817073;	Classification of Attention Deficit Hyperactivity Disorder (ADHD) Considering Diagnosis and Treatment	2019	International Journal of Modern Education and Computer Science	11	6	4	10.5815/ijmecs.2019.06.04	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104310577&doi=10.5815%2fijmecs.2019.06.04&partnerID=40&md5=f3c3190331bf74f5a0ceffa7420da3d3	Article
Biradar, G.R., Jm, R., Varier, A., Sudhir, M.	57215425287;57215423960;58580500600;57215421497;	Classification of book genres using book cover and title	2019	Proceedings - 2019 IEEE International Conference on Intelligent Systems and Green Technology, ICISGT 2019			5	10.1109/ICISGT44072.2019.00031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080901814&doi=10.1109%2fICISGT44072.2019.00031&partnerID=40&md5=dbacc7056b81298b3724742d8e6186c9	Conference Paper
Iyer, P.R., Iyer, S.R., Ramesh, R., Anala, M.R., Subramanya, K.N.	57211280716;58664535500;57211278771;55734811700;35753798900;	Adaptive real time traffic prediction using deep neural networks	2019	IAES International Journal of Artificial Intelligence	8	2	13	10.11591/ijai.v8.i2.pp107-119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073270568&doi=10.11591%2fijai.v8.i2.pp107-119&partnerID=40&md5=2ae582654c8434674ec5d1a158459844	Article

Sreevidya, S., Holla, R., Raghu, R.	57211155352;57203958358;57211156202;	Low Power Physical Design and Verification in 16nm FinFET Technology	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			3	10.1109/ICECA.2019.8822211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072847094&doi=10.1109%2fICECA.2019.8822211&partnerID=40&md5=3d4d2d1ce6968661db1f470264eeb8e3	Conference Paper
Gaded, S.V., Deshpande, A.	57211155875;57202899762;	Composite Field Arithematic Based S-Box for AES Algorithm	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			8	10.1109/ICECA.2019.8821862	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072843341&doi=10.1109%2fICECA.2019.8821862&partnerID=40&md5=354d8b5cdfb26f037852290d999f0d89	Conference Paper
Sushmita, M.G., Sowmya, K.B.	57211159143;57211483117;	Evaluation of Sense Amplifier Flip-Flop with Completion Detection Signal	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			1	10.1109/ICECA.2019.8821916	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072841791&doi=10.1109%2fICECA.2019.8821916&partnerID=40&md5=b336022706562ebc384a3da3d7a92c16	Conference Paper

Yatagiri, N.H., Sowmya, K.B.	57211158113;57211483117;	Low Power Self-Controlled Pre-Charge Free Content Addressable Memory	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			4	10.1109/ICECA.2019.8821852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072840712&doi=10.1109%2fICECA.2019.8821852&partnerID=40&md5=db5b4eceead8e81b98686471e01521699	Conference Paper
Aktab, M.L.U., Aradhya, H.V.R., Saberi, F.	57211160136;55616592800;57211158556;	Development of a Random Test Generator for Multi-Core Processor Design Verification	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			3	10.1109/ICECA.2019.8822103	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072840236&doi=10.1109%2fICECA.2019.8822103&partnerID=40&md5=be4884abed1c2f061f555ab25782b3f0	Conference Paper
Arpitha, R., Chaithra, B.R., Padma, U.	57215289803;57215298417;57201863706;	Performance Analysis of Channel Coding Techniques for Cooperative Adhoc Network	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			1	10.1109/ICECA.2019.8822004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072839769&doi=10.1109%2fICECA.2019.8822004&partnerID=40&md5=627f37720ee69dbb3623be1763121907	Conference Paper

Roja, C., Jayanthi, P.N.	57211159203;57204494184;	Syslog Daemon for Security Event Monitoring using UDP Protocol	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace				10.1109/ICECA.2019.8821956	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072837667&doi=10.1109%2fICECA.2019.8821956&partnerID=40&md5=2cbe7389fbe8c5386aca7a10d4b5708f	Conference Paper
Kumar, B.G., Kariyappa, B.S., Gupta, A.	58280215300;35102416500;57215331956;	Integration and Verification of Physical Layer Modules for 5G Technology	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace			2	10.1109/ICECA.2019.8822003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072830239&doi=10.1109%2fICECA.2019.8822003&partnerID=40&md5=2440c9caaa46c1a910c89408e5276262	Conference Paper
Asha, K., Kariyappa, B.S., Kulakarni, V.	57211157269;35102416500;57211157249;	Digital Twin Ranorex Test Automation of SIPROTEC 5 Protection Devices	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace			3	10.1109/ICECA.2019.8821851	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072826965&doi=10.1109%2fICECA.2019.8821851&partnerID=40&md5=9a3d93b0adc11a968e8d9425893f69af	Conference Paper

Arunraj, P., Hiremath, S.	57224430184;24472958900;	Design of Sequential Circuit Using Data Driven Clock Gating and Multibit Flip-Flop Integration	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			6	10.1109/ICECA.2019.8821940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072824905&doi=10.1109%2fICECA.2019.8821940&partnerID=40&md5=534706c6be7f00cb830ad74fdd8bca64	Conference Paper
Mahale, A., Kariyappa, B.S.	57208663407;35102416500;	Architecture Analysis and Verification of I3C Protocol	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			6	10.1109/ICECA.2019.8822121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072819914&doi=10.1109%2fICECA.2019.8822121&partnerID=40&md5=128c5c9fbd3ac6b8bb2c1c768e762b2f	Conference Paper
Murthy, P.N.	57211156745;	Design and Simulation of Reconfigurable Digital Modulator using Vivado System Generator	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			1	10.1109/ICECA.2019.8821965	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072819552&doi=10.1109%2fICECA.2019.8821965&partnerID=40&md5=7d825b4538c9ed34dde8d37065f6db2d	Conference Paper

Angadi, A.V., Yashaswini, S.D., Balaji, K., Padma, U.	57215273835;57215283078;57215271962;57201863706;	RF Planning and Optimization Practices Applied to Improve the KPI's of 4G LTE Network	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology			2	10.1109/ICECA.2019.8821937	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072818869&doi=10.1109%2fICECA.2019.8821937&partnerID=40&md5=dea0f0f5398d0e2867466644d7003344	Conference Paper
Bhargavi, N.S., Shylashree, N.	57208665658;56045640200;	Analysis and optimization of timing paths in MTCMOS based change-sensing flip flop for SoC design	2019	International Journal of Engineering and Advanced Technology	8	5	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069924664&partnerID=40&md5=ffdd017be4413a3bec980c5ec92ea61f	Article
Puttamade Gowda, J., Prasanna Kumar, S.C.	57210183202;57191914097;	Segmentation of white blood cells using integrated process of improved spectral angle mapper, gram-schmidt orthoganalization with K-means clustering	2019	International Journal of Innovative Technology and Exploring Engineering	8	8	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069842771&partnerID=40&md5=7a9047d9a9a3defe3beca5d31622a019	Article

Premananda, B.S., Ganavi, M.G.	37091407700;57208673038;	Performance analysis of low power 8-tap FIR filter using PFAL	2019	International Journal of Innovative Technology and Exploring Engineering	8	8	5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067893482&partnerID=40&md5=0e00d0d5467a9c3af7468516bfc2fe93	Article
Mohana, Ravish Aradhya, H.V.	57113679700;55616592800;	Object detection and classification algorithms using deep learning for video surveillance applications	2019	International Journal of Innovative Technology and Exploring Engineering	8	8	6		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067878437&partnerID=40&md5=d4fd0498f5a376561b352e2c9bebd6bc	Article
Chandrashekara, A., Palankar, N., Durga Prashanth, L., Mithun, B.M., Ravi Shankar, A.U.	57217540992;56730845100;55062277700;56004849000;56875864000;	A Study on Elastic Deformation Behavior of Steel Fiber-Reinforced Concrete for Pavements	2019	Journal of The Institution of Engineers (India): Series A	100	2	2	10.1007/s40030-018-00357-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067306357&doi=10.1007%2fs40030-018-00357-5&partnerID=40&md5=670e5bab4d75af91fbb52fea9ad80627	Article

Girisha, V.A., Joshi, M.M., Kirthan, L.J., Bharatish, A., Hegde, R.	57191589594;57208922082;57188831223;55745948600;36439505100;	Thermal fatigue analysis of H13 steel die adopted in pressure-die-casting process	2019	Sadhana - Academy Proceedings in Engineering Sciences	44	6	10	10.1007/s12046-019-1111-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066158107&doi=10.1007%2fs12046-019-1111-3&partnerID=40&md5=0b9a802377a4f6d01d68395e395e3aa2	Article
Jena, M., Manjunatha, C., Shivaraj, B.W., Nagaraju, G., Ashoka, S., Sham Aan, M.P.	58602999200;56919543200;57195176001;21743102700;52364988000;57226233455;	Optimization of parameters for maximizing photocatalytic behaviour of Zn 1-x Fe x O nanoparticles for methyl orange degradation using Taguchi and Grey relational analysis Approach	2019	Materials Today Chemistry	12		46	10.1016/j.mtchem.2019.01.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062217359&doi=10.1016%2fj.mtchem.2019.01.004&partnerID=40&md5=729b0980b65c86f03320c5d75b940657	Article
Qadeer, S.A., Khan, M.Y., Shylashree, N., Nath, V.	16040557400;57203887079;56045640200;57821585600;	High resolution fuel indicating and tracking system	2019	Microsystem Technologies	25	6		10.1007/s00542-018-4107-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053426287&doi=10.1007%2fs00542-018-4107-8&partnerID=40&md5=958a70dc7f61a58218ab7bfc1b81be1a	Article

Shylashree, N., Venkatesh, B., Saurab, T.M., Srinivasan, T., Nath, V.	56045640200;57213312051;57203892861;57203892773;57821585600;	Design and analysis of high-speed 8-bit ALU using 18 nm FinFET technology	2019	Microsystem Technologies	25	6	8	10.1007/s00542-018-4112-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053397410&doi=10.1007%2fs00542-018-4112-y&partnerID=40&md5=cfae523f8e6933525a9d6907577e6bf0	Article
Lakshmikanthan, A., Bontha, S., Krishna, M., Koppad, P.G., Ramprabhu, T.	57211339135;56508165592;81429012 00;37102050400;54407332400;	Microstructure, mechanical and wear properties of the A357 composites reinforced with dual sized SiC particles	2019	Journal of Alloys and Compounds	786		80	10.1016/j.jallcom.2019.01.382	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061032586&doi=10.1016%2fj.jallcom.2019.01.382&partnerID=40&md5=ceb55b323a1fea31cbfd758ea9da9ed1	Article
Mahesh, B., Kathyayani, D., Nanjundaswamy, G.S., Channe Gowda, D., Sridhar, R.	57203249499;57206243415;57203752850;57205255367;57189034887;	Miscibility studies of plastic-mimetic polypeptide with hydroxypropylmethylcellulose blends and generation of non-woven fabrics	2019	Carbohydrate Polymers	212		24	10.1016/j.carbpol.2019.02.042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061662840&doi=10.1016%2fj.carbpol.2019.02.042&partnerID=40&md5=4624587c39df35d5e2914332dc686a24	Article

Amogh Vardhan, K.S., Jakaraddi, M., Shobha, G., Shetty, J., Chala, A., Camper, D.	57209137357;57209143806;14829661100;55994536900;57193408394;57208899211;	Design and Development of IoT Plugin for HPCC Systems	2019	2019 4th IEEE International Conference on Big Data Analytics, ICBDA 2019			5	10.1109/ICBDA.2019.8713225	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066612136&doi=10.1109%2fICBDA.2019.8713225&partnerID=40&md5=9fa6936fc35728379cb547b590260056	Conference Paper
Balaji, V., Sadashivappa, G.	57209454941;36024241200;	Waveform Analysis and Feature Extraction from Speech Data of Dysarthric Persons	2019	2019 6th International Conference on Signal Processing and Integrated Networks, SPIN 2019			4	10.1109/SPIN.2019.8711768	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066883782&doi=10.1109%2fSPIN.2019.8711768&partnerID=40&md5=de2c2cb1502edd2a1c1fd13692e85621	Conference Paper
Verma, A.K., Prakash, N.	58334499800;57209101422;	A Grid-based Model for Generating Scale-Free Networks	2019	2019 11th International Conference on Communication Systems and Networks, COMSNETS 2019				10.1109/COMSNETS.2019.8711403	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066477596&doi=10.1109%2fCOMSNETS.2019.8711403&partnerID=40&md5=abcb19b087f3fc25227aa842cedb3b8e	Conference Paper

Desai, D.B., Kavitha, S.N.	57216616796;57220455129;	Face anti-spoofing technique using CNN and SVM	2019	2019 International Conference on Intelligent Computing and Control Systems, ICCS 2019			3	10.1109/ICCS45141.2019.9065873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084073238&doi=10.1109%2fICCS45141.2019.9065873&partnerID=40&md5=234dc50851b2fca8d750350b56d02483	Conference Paper
Vaishnavi, C., Ashok Kumar, A.R., Selvakumar, G., Chaudhari, S.Y.	57215308689;55532860500;57203897699;822968360 0;	Self organizing networks coordination function between intercell interference coordination and coverage and capacity optimisation using support vector machine	2019	2019 International Conference on Intelligent Computing and Control Systems, ICCS 2019			8	10.1109/ICCS45141.2019.9065700	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084033868&doi=10.1109%2fICCS45141.2019.9065700&partnerID=40&md5=b59065c16ebaf8b3284b92eb11a40adb	Conference Paper
Vijay, G., Ramanarayan, M.N., Chavan, A.P.	57215926389;57215927090;56405270200;	Design and Integration of Lane Departure Warning, Adaptive Headlight and Wiper system for Automobile Safety	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communic ation and			5	10.1109/RTEICT46194.2019.9016731	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082402908&doi=10.1109%2fRTEICT46194.2019.9016731&partnerID=40&md5=55ed8f7b4abe3f1f8f239489e5cefc32	Conference Paper

Kumar, B.G., Gaded, S.V., Srividya, P.	58280215300;57211155875;55842449800;	Power and Delay Optimization of FinFET based Adiabatic Logic SRAM Cell	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			3	10.1109/RTEICT46194.2019.9016885	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082399534&doi=10.1109%2fRTEICT46194.2019.9016885&partnerID=40&md5=d5e84d8bb64ade9c992888663260c9b1	Conference Paper
Ragi, N.M., Holla, R., Manju, G.	57215926244;57203958358;57215925254;	Predicting Water Quality Parameters Using Machine Learning	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			16	10.1109/RTEICT46194.2019.9016825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082398837&doi=10.1109%2fRTEICT46194.2019.9016825&partnerID=40&md5=ee066c35578e587e942b97a67617d1da	Conference Paper
Saraswathi, K., Sneha, K., Ravishankar, S.	7004098492;57475834700;57202125888;	Novel algorithm for Doppler Estimation and Compensation in Underwater Acoustic Channels	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and				10.1109/RTEICT46194.2019.9016876	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082398696&doi=10.1109%2fRTEICT46194.2019.9016876&partnerID=40&md5=8b0d36701cb740988b05021aac2eaa78	Conference Paper

Arahunashi, A.K., Neethu, S., Ravish Aradhya, H.V.	57210338791;57201861956;55616592800;	Performance Analysis of Various SDN Controllers in Mininet Emulator	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			15	10.1109/RTEICT46194.2019.9016693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082398450&doi=10.1109%2fRTEICT46194.2019.9016693&partnerID=40&md5=81c33b083f26c26fdc8971a375f321fc	Conference Paper
Amoghraj, Chavan, A.P.	57215925681;56405270200;	Design of Magnetic Tunnel Junction based Low Power Non-Volatile Ternary Content Addressable Memory	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			1	10.1109/RTEICT46194.2019.9016385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082396527&doi=10.1109%2fRTEICT46194.2019.9016385&partnerID=40&md5=c64316fde3cb58e6acd66cb60662d41f	Conference Paper
Bagewadi, S.N., Shadab, S., Roopa, J.	57215743384;57840969900;57113594600;	Fast BIST Mechanism for Faster Validation of Memory Array	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			7	10.1109/RTEICT46194.2019.9016882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082395591&doi=10.1109%2fRTEICT46194.2019.9016882&partnerID=40&md5=d7066f87e2a2184379193269ee1c5949	Conference Paper

Ul Aktab, M.L., Ravish Aradhya, H.V.	57211160136;55616592800;	Design of a Sequential Circuit Based on Multi-Threshold FinFET Technique	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and				10.1109/RTEICT46194.2019.9016975	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082393435&doi=10.1109%2fRTEICT46194.2019.9016975&partnerID=40&md5=eb4e24b1c64ad0b4a2449b18b01d11a4	Conference Paper
Ajay Kumar, G.C., Subrahmanya, K.N., Ammikkallingal, S., Polisetti, S.A.	57215744109;57215926818;57215744392;57215925760;	Physical Design, Power and Area Optimization of High Frequency Block at Smaller Technology Node	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			3	10.1109/RTEICT46194.2019.9016844	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082392792&doi=10.1109%2fRTEICT46194.2019.9016844&partnerID=40&md5=538c71197f00382b13e3eca51139c33e	Conference Paper
DIvva, H., Chavan, A.P., Krishnamurthy, S.	57215929484;56405270200;57215925710;	Design and Verification of ECC Scheme to optimize area and tester time in OTP ROM Controller	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			2	10.1109/RTEICT46194.2019.9016746	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082391982&doi=10.1109%2fRTEICT46194.2019.9016746&partnerID=40&md5=a4be83292ab3c4121a050b48ab5e1547	Conference Paper

Chethana, G., Padmaja, K.V.	58636393500;36055815400;	An Iterative Approach for Optimal Number of Balanced Clusters and Placement of Cluster Heads in WSN with Spatial Constraints	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			4	10.1109/RTEICT46194.2019.9016979	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082390487&doi=10.1109%2fRTEICT46194.2019.9016979&partnerID=40&md5=b93345c2b03774ec1305acde8275ce5d	Conference Paper
Raghunandan, A., Aradhya, H.V.R.	57204897354;55616592800;	Area and Timing Analysis of Advanced Adders under changing Technologies	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			2	10.1109/RTEICT46194.2019.9016808	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082389553&doi=10.1109%2fRTEICT46194.2019.9016808&partnerID=40&md5=3ff3c88a00e9ce69bd59e9960de3b9fd	Conference Paper
Amtange, A., Hegde, A.S., Sahana, B.	57215929663;57217319501;57211220487;	Implementation and Performance Analysis of Adaptive Routing Algorithms for Mesh and Torus Topology in Network on Chip	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and				10.1109/RTEICT46194.2019.9016386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082388280&doi=10.1109%2fRTEICT46194.2019.9016386&partnerID=40&md5=2a3948f149781b3f12e8e9f08720e82d	Conference Paper

Patil, S., Deepika, P.	57215925817;57215929632;	Compression of Bayer Colour Filter Array Images	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			1	10.1109/RTEICT46194.2019.9016781	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082386940&doi=10.1109%2fRTEICT46194.2019.9016781&partnerID=40&md5=ac0e99783759beb5c408cf248c46d00e	Conference Paper
Rai, N.S., Palecha, N., Nagarai, M.	57215925207;55813823500;57215926867;	A brief overview of Test Solution Development for Semiconductor Testing	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			4	10.1109/RTEICT46194.2019.9016857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082386720&doi=10.1109%2fRTEICT46194.2019.9016857&partnerID=40&md5=93e50d219a3158f01e16982cc21c08ac	Conference Paper
Raghunandan, A., Shilpa, D.R.	57204897354;56112828300;	Design of High-Speed Hybrid Full Adders using FinFET 18nm Technology	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			10	10.1109/RTEICT46194.2019.9016866	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082385128&doi=10.1109%2fRTEICT46194.2019.9016866&partnerID=40&md5=7b704727bdde6492d21469a2136f7b36	Conference Paper

Yashas, D., Hari Babu, P.S., Shylashree, N.	57215927464;57194456332;56045640200;	UVM-based Logic Verification of Input Output Interface	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			3	10.1109/RTEICT46194.2019.9016934	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082383376&doi=10.1109%2fRTEICT46194.2019.9016934&partnerID=40&md5=f3e81434146f8c73495388077d02bd79	Conference Paper
Uday, D.V., Mamatha, G.S.	57201944704;35146519000;	An Analysis of Health System Log Files using ELK Stack	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			5	10.1109/RTEICT46194.2019.9016706	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082382870&doi=10.1109%2fRTEICT46194.2019.9016706&partnerID=40&md5=b5d6daa05e6e484981bb8cfaca03c145	Conference Paper
Balaji, V., Ranga, C.K.S.D., Shylashree, N., Praveena, N.	57191849897;57215928497;56045640200;56453234400;	Design of a Delta Threshold Voltage Difference based fully Embedded Read only Memory along with a Skew Sense Amplifier	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and			1	10.1109/RTEICT46194.2019.9016855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082381706&doi=10.1109%2fRTEICT46194.2019.9016855&partnerID=40&md5=1108adb9908a62ebd6a1887904bf742c	Conference Paper

Shushrutha, K.S., Pooja, T.R., Sushma, V.	56556976900;57200984052;57211940637;	Design of Modified U-Slot Multiband Circular Patch Antenna with Cylindrical Dielectric Resonator Antenna	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communic			6	10.1109/RTEICT46194.2019.9016780	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082381677&doi=10.1109%2fRTEICT46194.2019.9016780&partnerID=40&md5=5023f7fcb2d530d2edf9905926468f53	Conference Paper
Sumana, N.S., Sahana, B., Deshapande, A.A.	57215930327;57211220487;57202899762;	Design and Implementation of Low Power - High Performance Mixed Logic Line Decoders	2019	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communic			3	10.1109/RTEICT46194.2019.9016923	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082381215&doi=10.1109%2fRTEICT46194.2019.9016923&partnerID=40&md5=e6120e89d7a8732ebbfef583baeb90ad	Conference Paper
Atharga, B., Chandan, A., Hiremath, S.	56584702600;57210190562;24472958900;	Verification of accessibility and connectivity of multi-die module through TAP interface	2019	International Journal of Recent Technology and Engineering	8	1			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069850942&partnerID=40&md5=1ec90c2830f4f97eecede336915d27d7	Article

Srinivasan, S., Shreesha, M., Ahmed, T., Sanjana, G.K.	57209690482;57208632034;57208618384;57209719061;	Numerical and experimental investigation of co-flow jet technique in clarky-M18 aerofoil	2019	International Journal of Recent Technology and Engineering	8	1			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068526093&partnerID=40&md5=4f0792608a429849afac51303981c00d	Article
Srinivasan, S., Bhaskar, K., Supreeth, R.	57209690482;57209693692;57209681773;	Experimental aerodynamic investigation of an UAV wing with wing mounted propellers	2019	International Journal of Recent Technology and Engineering	8	1			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068458658&partnerID=40&md5=0d65d1493575e7d45178fa17e6ba4cc7	Article
Soundarya, S., Meghana, S., Shanthi, P.	57211314258;57208717722;57191618620;	Design of dual band micro strip antenna for 2.4 Ghz and 3.6 Ghz	2019	International Journal of Recent Technology and Engineering	8	1	8		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067964769&partnerID=40&md5=05a75b8a949e8892eda19249dc49d140	Article

Khan, M.A., Angadi, G., Raina, A.	57209507009;57200842568;57192702295;	Metal air battery shell unit redesign with DFMA aspect and rapid prototyping	2019	International Journal of Recent Technology and Engineering	8	1			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067952250&partnerID=40&md5=c740a6eff57573f05faa63187e0b45e0	Article
Katiyar, R., Padmaja, K.V.	57192554975;36055815400;	Design of equalizer for ADSL modem	2019	Indian Journal of Public Health Research and Development	10	5		10.5958/0976-5506.2019.01185.9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067946843&doi=10.5958%2f0976-5506.2019.01185.9&partnerID=40&md5=f85f84897069082a72224b3b9ed7f40a	Article
Ramesh, S., Denis Ashok, S., Nagaraj, S.	57204927726;44760897200;35366727200;	Modelling and simulation of electro-hydraulic circuit used in hydraulic power pack of A CNC machine tool	2019	International Journal of Recent Technology and Engineering	8	1			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067934524&partnerID=40&md5=0445725fc1c886820539dbb62c317b92	Article

Deepamala, N., Kanakagiri, T., Raghunath, S., Kaushik, S., Shobha, G., Singh, A., Jha, D., Deepamala, N.	37070296400;57204030521;57209475555;57216769809;14829661100;57199212569;57209477406;58455339900;	Automated test script generation from natural language query	2019	International Journal of Innovative Technology and Exploring Engineering	8	7			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067869436&partnerID=40&md5=7265fbb0cf4a7eb76aef548ff37019d6	Article
Jawad, F., Adarsha, C.Y., Raghavendra, T., Udayashankar, B.C., Natarajan, K.	57208585437;57192178152;56394374000;25028845300;57203105849;	Structural behavior of concrete beams and columns reinforced with Waste Plastic incorporated GFRP (WPGFRP) rebars	2019	Journal of Building Engineering	23		24	10.1016/j.jobe.2019.01.030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060761304&doi=10.1016%2fj.jobe.2019.01.030&partnerID=40&md5=bcb1865de3a4c1a646e39d8f5ab0582f	Article
Smitha, G.S., Ravish Aradhya, H.V.	57194466400;55616592800;	mGDI based parallel adder for low power applications	2019	Microsystem Technologies	25	5	7	10.1007/s00542-017-3438-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020294462&doi=10.1007%2fs00542-017-3438-1&partnerID=40&md5=f62ef84cf5f9273255f73dc7b21b4616	Article

Ramesh, S., Nithin, M., Kittur, H.M.	57206403393;57195358294;54924938900;	Design of millimeter wave LC oscillators for 5G applications	2019	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019			3	10.1109/ICCSP.2019.8697905	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065591481&doi=10.1109%2fICCSP.2019.8697905&partnerID=40&md5=a8a178129c590301279581b51b8f47b8	Conference Paper
Nagaraja, P., Sadashivappa, G.	57192546229;36024241200;	Fault diagnosis of delta sigma ADC using national instruments-multisim and implementation using SVM	2019	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019				10.1109/ICCSP.2019.8698105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065590815&doi=10.1109%2fICCSP.2019.8698105&partnerID=40&md5=f69960ec95b9d6ee21fcd259fb2ba78a	Conference Paper
Babu, N., Soumya, A.	57207715348;36626317500;	Character recognition in historical handwritten documents - A survey	2019	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019			8	10.1109/ICCSP.2019.8697988	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065576689&doi=10.1109%2fICCSP.2019.8697988&partnerID=40&md5=70b70f0101d2aa329ab63074ecbb7eef	Conference Paper

Thejas, G.S., Boroojeni, K.G., Chandna, K., Bhatia, I., Iyengar, S.S., Sunitha, N.R.	57204000682;57092645400;57208835951;57208838585;57204520228;16319876000;	Deep learning-based model to fight against Ad click fraud	2019	ACMSE 2019 - Proceedings of the 2019 ACM Southeast Conference			24	10.1145/3299815.3314453	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065907109&doi=10.1145%2f3299815.3314453&partnerID=40&md5=a7c36dd9ed5f5aad30f3ebb0f3c471ba	Conference Paper
Rohit, B., Gowda, P.D., Nagaraju, N.B., Meghana, S.	57194344077;57202944233;57202942767;57208717722;	Life and Failure of Aircraft Wheels - A Review	2019	IOP Conference Series: Materials Science and Engineering	520	1	2	10.1088/1757-899X/520/1/012002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065612716&doi=10.1088%2f1757-899X%2f520%2f1%2f012002&partnerID=40&md5=d9c2cb7c5d69bca348a432df9a06bf	Conference Paper
Vishwanath, R., Rohit, B.	57208718066;57194344077;	A Review on Inspection and Maintenance of FRP Structures	2019	IOP Conference Series: Materials Science and Engineering	520	1	2	10.1088/1757-899X/520/1/012003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065611322&doi=10.1088%2f1757-899X%2f520%2f1%2f012003&partnerID=40&md5=f5bd79a3e9b7c7f3d1a6d09d33890	Conference Paper

Sharma, K., Melavanki, R., Patil, S.S., Kusanur, R., Patil, N.R., Shelar, V.M.	57201998937;23061607900;57190974878;650772790 4;35366935700;55793776200;	Spectroscopic behavior, FMO, NLO and NBO analysis of two novel aryl boronic acid derivatives: Experimental and theoretical insights	2019	Journal of Molecular Structure	1181		43	10.1016/j.molstruc.2018.12.086	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060016014&doi=10.1016%2fj.molstruc.2018.12.086&partnerID=40&md5=75738af445e48633a78fd2e9687c3de4	Article
Ananda, T.K., Gitanjali Simran, T., Sukumara, T., Sasikala, D., Ramakanth Kumar, P.	57216844795;57216845992;56866197600;57200240595;6506962203;	Robustness Evaluation of Cyber Physical Systems through Network Protocol Fuzzing	2019	Proceedings of the 2019 International Conference on Advances in Computing and Communication			2	10.1109/ICACCE46606.2019.9079995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084954198&doi=10.1109%2fICACCE46606.2019.9079995&partnerID=40&md5=90414d6ece6aa6199030dfbefc05f4bd	Conference Paper
Gowda, A.S.	58151685600;	Comparison of Aerodynamic Performance of NACA 4412 and 2412 using Computational Approach	2019	International Journal of Engineering Trends and Technology	67	4	3	10.14445/22315381/IJETT-V67I4P216	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074643649&doi=10.14445%2f22315381%2fIJETT-V67I4P216&partnerID=40&md5=0a346bc97fbf5a4e7f4c3514a4bdeb80	Article

Tripathi, S., Shetty, U., Hasnain, A., Hallikar, R.	57211466556;57211466139;57211474664;55339984300;	Cloud based intelligent traffic system to implement traffic rules violation detection and accident detection units	2019	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019			3	10.1109/ICOEI.2019.8862694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074106941&doi=10.1109%2fICOEI.2019.8862694&partnerID=40&md5=bcfbddb3331577a6aab72ef9ec2c8f59	Conference Paper
Lanka, A., Aishwarya Shivani, R., Bayari, A.R., Dakkumalla, S., Shylashree, N.	57205056379;57210325704;57210312430;57209273815;56045640200;	Code acquisition and tracking of IRNSS signals	2019	International Journal of Recent Technology and Engineering	7	6			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070262632&partnerID=40&md5=f555910b717417ea85ff1ebdafe10582	Article
Vishnumurthy, K.A., Adhikari, A.V.	56320807800;57195986060;	Reduction of nitro compounds carrying electron withdrawing groups: A convenient approach without metal catalyst	2019	Chemical Data Collections	20			10.1016/j.cdc.2019.100211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062806268&doi=10.1016%2fj.cdc.2019.100211&partnerID=40&md5=79171fa8fdccf463f2ec60a8f406f53b	Data Paper

Yoganandini, A.P., Anitha, G.S.	57205425749;57204648570;	A cost effective computational design of maximum power point tracking for photo-voltaic cell	2019	International Journal of Electrical and Computer Engineering	9	2	8	10.11591/ijece.v9i2.pp.851-860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059984942&doi=10.11591%2fijece.v9i2.pp.851-860&partnerID=40&md5=2249458eec95304aedd53ec72f7cb128	Article
Kendaganna Swamy, S., Jatti, A., Uma, B.V.	56857512200;55580963900;55130921800;	Design and implementation of secured agent based noc using shortest path routing algorithm	2019	International Journal of Electrical and Computer Engineering	9	2	3	10.11591/ijece.v9i2.pp.950-959	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059973553&doi=10.11591%2fijece.v9i2.pp.950-959&partnerID=40&md5=23df2cc4d88b6f07e29fef31ca583870	Article
Mishra, H., Jayanth, S., Chala, A., Camper, D., Shobha, G., Shetty, J.	57208908693;57211155735;57193408394;57208899211;14829661100;55994536900;	Data skew profiling using HPCC systems	2019	ACM International Conference Proceeding Series			1	10.1145/3322134.3322142	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066091948&doi=10.1145%2f3322134.3322142&partnerID=40&md5=6e12bc61f4a95ada819aea8c82da4c60	Conference Paper

Radhakrishna, Venkatesh, S.V., Narasimha Prasad, K.N.	35771473600;55431652300;57191055608;	Evaluation of Microfine Stone Dust as Filler Material in Binary and Ternary Blends	2019	Iranian Journal of Science and Technology - Transactions of Civil Engineering	43	1		10.1007/s40996-018-0120-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062392802&doi=10.1007%2fs40996-018-0120-5&partnerID=40&md5=4e27125274edd8420cf65dedf9963fb7	Article
Mohanaradhya, Sumithra Devi, K.A.	57192678657;37073625600;	Novel Approaches to Enhance Wireless Sensor Network Life time by even Distribution of Cluster Heads and Avoiding Redundant Data	2019	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing				10.1109/ICATIECE45860.2019.9063795	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084116869&doi=10.1109%2fICATIECE45860.2019.9063795&partnerID=40&md5=f390e00e056ae82cfe02010fd829e9bd	Conference Paper
Divya, T.L., Vijayalakshmi, M.N., Anupama Kumar, S.	58828802100;55489976400;57191624773;	Speculation of Forest Fire Using Spatial and Video Data	2019	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing			2	10.1109/ICATIECE45860.2019.9063781	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084116731&doi=10.1109%2fICATIECE45860.2019.9063781&partnerID=40&md5=21b00b51886cf899436248bc76cef5ff	Conference Paper

Kavya, K.	57216628367;	A measurement based traffic admission control algorithm for resource management in IP networks	2019	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing			3	10.1109/ICATIECE45860.2019.9063786	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084116329&doi=10.1109%2fICATIECE45860.2019.9063786&partnerID=40&md5=198a93bcba70767ece551012bd7f227b	Conference Paper
Resma, K.S., Sharvani, G.S., Paul, A.T.	57216628924;35293488200;57216628449;	A Closer Look at the Network Middleboxes	2019	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing			2	10.1109/ICATIECE45860.2019.9063794	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084116051&doi=10.1109%2fICATIECE45860.2019.9063794&partnerID=40&md5=303eb2e509523ebdeceb18c3fa546c35	Conference Paper
Bhadrashetti, V.M., Pathak, G., Tantry, S.B., Prakash Biswagar, D., Sachin, M., Nagesh, S.P.	57216628973;57216628876;57216628272;15841645800;57216628145;57216627911;	Performance Analysis of Routing and Wavelength Assignment in Optical networks	2019	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing			5	10.1109/ICATIECE45860.2019.9063853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084112946&doi=10.1109%2fICATIECE45860.2019.9063853&partnerID=40&md5=e14fe0226730f2f16ced03c4b1c4778a	Conference Paper

Sinha, D., Cottur, K., Keerthan Bhat, H., Guruprasad, C., Badari Nath, K.	57214724554;57214730265;57214720676;58359570300;56857620700;	Automated Billing System using RFID and Cloud	2019	2019 Innovations in Power and Advanced Computing Technologies, i-PACT 2019			6	10.1109/i-PACT44901.2019.8960144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078972873&doi=10.1109%2fi-PACT44901.2019.8960144&partnerID=40&md5=af98be68c2ced8a478488c3fdbbaee93	Conference Paper
Hatagundi, M.D., Kumaraswamy, H.V.	57205424665;24534870500;	A comprehensive survey on different attacks on SDN and approaches to mitigate	2019	Proceedings of the 3rd International Conference on Computing Methodologies and Communication			7	10.1109/ICCMC.2019.8819717	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072781950&doi=10.1109%2fICCMC.2019.8819717&partnerID=40&md5=52dce2c241c1fc2592b2e35b30b6bdbd	Conference Paper
Venkataswamy, R., Rao, K.U., Meena, P.	57191613873;55792251700;56469220800;	Deformation Diagnostic Methods for Transformer Winding through System Identification	2019	2019 International Conference on Data Science and Communication, IconDSC 2019			5	10.1109/IconDSC.2019.8816967	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072772322&doi=10.1109%2fIconDSC.2019.8816967&partnerID=40&md5=280aba6030e1505318d5100557f20d9d	Conference Paper

Prasad, P., Subramani, S., Bhavana, V., Krishnappa, H.K.	57212503229;57211137448;57188735311;57188733713;	Medical image fusion techniques using discrete wavelet transform	2019	Proceedings of the 3rd International Conference on Computing Methodologies and Communication			4	10.1109/ICCMC.2019.8819672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072769153&doi=10.1109%2fICCMC.2019.8819672&partnerID=40&md5=3cdf0bb4fb8c571a80ac37aebfaf65f	Conference Paper
Sai Asish Reddy, K., Kalyan Kumar, K., Naveen Kumar, K., Bhavana, V., Krishnappa, H.K.	57215332058;58344178800;57215330412;57188735311;57188733713;	Multimodal medical image fusion enhancement technique for clinical diagnosis	2019	Proceedings of the 3rd International Conference on Computing Methodologies and Communication			3	10.1109/ICCMC.2019.8819840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072762859&doi=10.1109%2fICCMC.2019.8819840&partnerID=40&md5=e56baa7f788585c59bf50e95c7a470ad	Conference Paper
Ravi, V.M., Akki, R.S., Sugumar, S., Venkata, K.C., Arunachalam, K.	57202418510;56126446100;57203593213;55375745900;15063948700;	Design and evaluation of medical microwave radiometer for measuring tissue temperature	2019	2019 URSI Asia-Pacific Radio Science Conference, AP-RASC 2019			5	10.23919/URSIAP-RASC.2019.8738630	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068593583&doi=10.23919%2fURSIAP-RASC.2019.8738630&partnerID=40&md5=49d47a8c490b03d57c8375fe0065e974	Conference Paper

Hegde, K.M., Abhilash, C.R., Anirudh, K., Kashyap, P.	57208623441;57209638183;57209645718;57209642878;	Design and Development of RVSAT-1, A Student Nano-satellite with Biological Payload	2019	IEEE Aerospace Conference Proceedings	#####		8	10.1109/AERO.2019.8742113	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068345228&doi=10.1109%2fAERO.2019.8742113&partnerID=40&md5=2612d5204379103b63b0dce5fe2ce1f2	Conference Paper
Promio Charles, F., Prakash, C., Venkatesh, B., Gowtham Reddy, G.	57209640820;57209640671;58465477200;58453199000;	Dynamic Equivalent Load Simulation Using Smart Actuators	2019	IEEE Aerospace Conference Proceedings	#####		1	10.1109/AERO.2019.8741994	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068309981&doi=10.1109%2fAERO.2019.8741994&partnerID=40&md5=481cf3fd56c6aa994c933af6ad327303	Conference Paper
Jyothi, R., Cholli, N.G.	57217846040;57202086135;	New Approach to Secure Cluster Heads in Wireless Sensor Networks	2019	2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019			4	10.1109/ICACCS.2019.8728380	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067917474&doi=10.1109%2fICACCS.2019.8728380&partnerID=40&md5=65b213deb0be2618ac4f19a64e33c961	Conference Paper

Meghana, R.K., Chitkara, Y., Apoorva, S., Mohana	57192686013;57209341041;57220222728;57113679700;	Background-modelling techniques for foreground detection and Tracking using Gaussian Mixture Model	2019	Proceedings of the 3rd International Conference on Computing Methodologies and Communication			23	10.1109/ICCMC.2019.8819825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067885520&doi=10.1109%2fICCMC.2019.8819825&partnerID=40&md5=904b9333beb2629dbb67969ce17d1197	Conference Paper
Devaraj, D., Prasanna Kumar, S.C.	56538214400;57191914097;	Development of a hybrid framework to characterize red lesions for early detection of diabetic retinopathy	2019	Indonesian Journal of Electrical Engineering and Computer Science	13	3	5	10.11591/ijeecs.v13.i3.pp962-973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063161363&doi=10.11591%2fijeecs.v13.i3.pp962-973&partnerID=40&md5=3cf1d8881ab8d8991da9c4e7d2a08330	Article
Jagadamaba, G., Sathish Babu, B.	57715302800;57225907135;	Keystroke dynamics in E-learning and online exams	2019	Biometric Authentication in Online Learning Environments			3	10.4018/978-1-5225-7724-9.ch001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084568932&doi=10.4018%2f978-1-5225-7724-9.ch001&partnerID=40&md5=9e9cb15b476a8570a68b15d15c1c2ac7	Book Chapter

Guptha, V.L.J., Sharma, R.S.	57200795856;55348178700;	Experimental Studies on Strength Behaviour of Notched Glass/Epoxy Laminated Composites under Uni-axial and Bi-axial Loading	2019	Journal of The Institution of Engineers (India): Series C	100	1	5	10.1007/s40032-017-0413-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060995318&doi=10.1007%2fs40032-017-0413-7&partnerID=40&md5=8adfa6802ea9ae5cf87a3b5bad40db2f	Article
Padmavathi, C., Veenadevi, S.V.	57201120726;56039237400;	An Automated Detection of CAD Using the Method of Signal Decomposition and Non Linear Entropy Using Heart Signals	2019	International Journal of Image, Graphics and Signal Processing	11	2	3	10.5815/ijigsp.2019.02.04	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082763251&doi=10.5815%2fijigsp.2019.02.04&partnerID=40&md5=5414112a9b87677afacad8e6f8622fa0	Article
Nehashree, M.R., Pallavi Raj, S., Mohana	57212136183;57212144092;57113679700;	Simulation and performance analysis of feature extraction and matching algorithms for image processing applications	2019	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2019			26	10.1109/ISS1.2019.8907990	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067869806&doi=10.1109%2fISS1.2019.8907990&partnerID=40&md5=c248341507c628805c65a79e98ac76ad	Conference Paper

Ramya, M., Dinesh, M.N.	57214109496;34869411600;	Experimental study of source characteristics for pollution tests	2019	Proceedings of 2019 International Conference on High Voltage Engineering and Technology, ICHVET 2019				10.1109/ICHVET.2019.8724184	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067482189&doi=10.1109%2fICHVET.2019.8724184&partnerID=40&md5=bb412ecaf7730f1ba35d620c50304229	Conference Paper
Roopa, T.S., Narasimha Murthy, H.N., Swathi, H.S., Angadi, G., Harish, D.V.N.	56788001800;57207666550;57207206649;57200842568;57207191533;	Synthesis and characterization of spin-coated clay/PVDF thin films	2019	Bulletin of Materials Science	42	1	9	10.1007/s12034-018-1683-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062270096&doi=10.1007%2fs12034-018-1683-2&partnerID=40&md5=6dfc86fed64b9969014855f738e84279	Article
Bhavya, P., Melavanki, R., Sharma, K., Kusanur, R., Patil, N.R., Thipperudrappa, J.	57192250851;23061607900;57201998937;650772790;35366935700;10045719900;	Exploring the spectral features and quantum chemical computations of a novel biologically active heterocyclic class of compound 2MEFPBA dye: Experimental and theoretical approach	2019	Chemical Data Collections	19		11	10.1016/j.cdc.2019.100182	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060082306&doi=10.1016%2fj.cdc.2019.100182&partnerID=40&md5=a115e3132a4da715ae8833b86527b1cd	Data Paper

Gurunandan, M., Phalgun, M., Raghavendra, T., Udayashankar, B.C.	57205063790;57202116085;56394374000;25028845300;	Mechanical and damping properties of rubberized concrete containing polyester fibers	2019	Journal of Materials in Civil Engineering	31	2	32	10.1061/(ASCE)MT.1943-5533.0002614	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058398540&doi=10.1061%2f+%28ASCE%29MT.1943-5533.0002614&partnerID=40&md5=2f7e795619b00934303a258d741e04aa	Article
Kashyap, S.A., Sharma, S.R., Guptha, V.L.J.	58351694900;58834446100;57200795856;	FEA based study of effect of characteristic element length on the damaged response of a composite	2019	AIP Conference Proceedings	2057			10.1063/1.5085626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060498387&doi=10.1063%2f1.5085626&partnerID=40&md5=77c8b7bd42e34063c7018b5714237506	Conference Paper
Pujar, N.V., Nanjundaradhya, N.V., Sharma, R.S.	57201914088;57148278300;55348178700;	Experimental studies on the tensile and flexural properties of epoxy based unidirectional glass/carbon interlayer hybrid composites	2019	AIP Conference Proceedings	2057		6	10.1063/1.5085612	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060458218&doi=10.1063%2f1.5085612&partnerID=40&md5=2f95bce640c952b5b12509db0528e998	Conference Paper

Pailoor, S., Murthy, H.N.N., Hadimani, P., Sreenivasa, T.N.	57200369632;650766655 0;56239626800;571889302 94;	Effect of chopped/continuous fiber, coupling agent and fiber ratio on the mechanical properties of injection-molded jute/polypropylene composites	2019	Journal of Natural Fibers	16	1	13	10.1080/15440478.2017.1410510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040994207&doi=10.1080%2f15440478.2017.1410510&partnerID=40&md5=1b8819b9898aec4d4742de2d9ec85a44	Article
Srivani, S.G., Yashaswini, H.N.	26422586800;58136908500;	Design and Simulation Analysis of Interleaved Buck Converter In Network Communication for Femto Technology	2019	WSEAS Transactions on Circuits and Systems	18				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149749196&partnerID=40&md5=9717b4496bcd698b5890016025c3a247	Article
Sunil, S., Varuna, M., Nagakumar, M.S.	57211624263;57235799400;57211625333;	Performance evaluation of semi rigid pavement mix	2019	Materials Today: Proceedings	46		3	10.1016/j.matpr.2020.10.311	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113818546&doi=10.1016%2fj.matpr.2020.10.311&partnerID=40&md5=483dec173ece18dd3d8cd2d35bad41d4	Conference Paper

Varuna, M., Sunil, S., Anjneyappa, Amarnath, M.S.	57235799400;57211624263;56120146000;16308772200;	Studies on warm stone asphalt mixes using natural and synthetic fibres	2019	Materials Today: Proceedings	46		3	10.1016/j.matpr.2020.10.497	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113815106&doi=10.1016%2fj.matpr.2020.10.497&partnerID=40&md5=6bb084ff3462a5301e6547dfee1d483e	Conference Paper
Shenoy, A.D., Ravindra, R., Satyanarayana, S.	58568452200;57211334046;57209759064;	Effect of rain tree pod extract as plasticizer on properties of concrete	2019	Materials Today: Proceedings	46		2	10.1016/j.matpr.2021.03.442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113802693&doi=10.1016%2fj.matpr.2021.03.442&partnerID=40&md5=642b93363879b31149957e0ca70aff57	Conference Paper
Venugopal, G., Naagesh, S., Gangadhara, S.	57200501344;46661949200;660273756;	Impact of RBI Grade-81 on expansive soil strength characteristics	2019	Materials Today: Proceedings	46		4	10.1016/j.matpr.2021.01.716	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113781390&doi=10.1016%2fj.matpr.2021.01.716&partnerID=40&md5=dac0439138cc7f84435bff274f52d557	Conference Paper

Agarwal, D.M., Basutkar, S.M., Madhavi, K., Renuka Devi, M.V., Jagadish, K.S.	57236924300;57205650170;57222635529;20434504800;6701457776;	Influence of surface reinforcement on the strength of brick masonry wall	2019	Materials Today: Proceedings	46		3	10.1016/j.matpr.2020.10.500	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113769713&doi=10.1016%2fj.matpr.2020.10.500&partnerID=40&md5=6518c3384ea23aecade06472951b777a	Conference Paper
Khaleel, S., Madhavi, K., Basutkar, S.M.	57236365400;57222635529;57205650170;	Mechanical characteristics of brick masonry using natural fiber composites	2019	Materials Today: Proceedings	46		8	10.1016/j.matpr.2020.10.319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113730113&doi=10.1016%2fj.matpr.2020.10.319&partnerID=40&md5=6473a7d2c1ff348a1cc88c1f594a8b1a	Conference Paper
Ajay, N., Girish, S., Nagakumar, M.S.	57200145258;35097361500;57211625333;	Use of concrete shear box for measuring the Bingham parameters of SCC	2019	Materials Today: Proceedings	46		4	10.1016/j.matpr.2020.09.714	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113725346&doi=10.1016%2fj.matpr.2020.09.714&partnerID=40&md5=deaf318df4471ca9d0114cdfb98f4eb7	Conference Paper

Madhavi, K., Vinay, G.N., Renuka Devi, M.V., Basutkar, S.M.	57222635529;57235807200;20434504800;57205650170;	Shear behavior of brick masonry strengthened with jute fiber reinforced composite	2019	Materials Today: Proceedings	46		1	10.1016/j.matpr.2020.10.307	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113719044&doi=10.1016%2fj.matpr.2020.10.307&partnerID=40&md5=a22e32b007c5e41f7039d055b433aecc	Conference Paper
Ajay, K.M., Dinesh, M.N.	58906794900;34869411600;	Performance studies of bamboo based nano activated carbon electrode material for supercapacitor applications	2019	Materials Today: Proceedings	46		7	10.1016/j.matpr.2020.09.691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107138845&doi=10.1016%2fj.matpr.2020.09.691&partnerID=40&md5=dddc6ba427f691628ee8c8e8e351a7f9	Conference Paper
Ramesh, C.P., Vageesh, H.P., Raghavendra, T., Udayashankar, B.C., Shashishankar, A.	57210234750;57210235868;56394374000;25028845300;6505876311;	Proportioning of CLSM Containing Class C Fly Ash, GGBS, Quarry Dust and Processed Slag Sand	2019	Sustainable Civil Infrastructures			3	10.1007/978-3-030-01929-7_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101324866&doi=10.1007%2f978-3-030-01929-7_6&partnerID=40&md5=10f046be8122bd18a63571a23a3af9b5	Conference Paper

Panda, B., Niranjan, C.A., Vishwanatha, A.D., Harisha, P., Chandan, K.R., Kumar, R.	36772454800;57200797269;57211943016;57211938639;57211937164;58018886400;	Development of Novel Stir Cast Aluminium Composite with modified Coconut Shell Ash Filler	2019	Materials Today: Proceedings	22		10	10.1016/j.matpr.2020.03.402	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085573339&doi=10.1016%2fj.matpr.2020.03.402&partnerID=40&md5=5fdc3e8ccf03d46a45d2a65b72b23033	Conference Paper
Gupta, P.K., Yuvashankar, K.J., Saketh Vishnu, B.O., Kandi, A.R., Sinha, A., Nagarajan, V., Khanchandani, V.	56608493300;57216940758;57216942714;57221347919;57222104576;57216941908;57216941392;	Impact of plant-microbe interactions on plant metabolism under saline environment	2019	Salt Stress, Microbes, and Plant Interactions: Causes and Solution: Volume 1				10.1007/978-981-13-8801-9_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085420220&doi=10.1007%2f978-981-13-8801-9_5&partnerID=40&md5=acfee4a3009ffb154eebe50a45c26f45	Book Chapter
Manu, B., Sneha, M.	57212774204;56538461000;	Advanced flow monitoring technique for intrusion tolerance in SDN	2019	10th International Conference on Advances in Computing, Control, and Telecommunication Technologi					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084160116&partnerID=40&md5=aa73bf1df71bd40739239f10f59916fb	Conference Paper

Pooja, Niranjan, V.	57216617466;660 3234656;	An integrative proteogenomics study to identify peptides and protein-coding genes in esophageal squamous cell carcinoma	2019	Current Topics in Peptide and Protein Research	20		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084034163&partnerID=40&md5=45f0c37bb38583e58374228c25b974b2	Article
Nagamuthu Krishnan, S.S.	57190226785;	Denial of Service (DoS) Detection in Wireless Sensor Networks Applying Geometrically Varying Clusters	2019	Lecture Notes on Data Engineering and Communications Technologies	15		2	10.1007/978-981-10-8681-6_93	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083429771&doi=10.1007%2f978-981-10-8681-6_93&partnerID=40&md5=736d32942d0feb8c01ae77013e516424	Book Chapter
Hatagundi, M.D., Navadagi, A., Sadashivappa, G.	57205424665;572 16287667;360242 41200;	Implementation of Broadband Radio over Fibre (RoF) Passive Optical Networks (PON) using Optisystem	2019	Proceedings of the 3rd International Conference on Inventive Systems and Control, ICISC 2019			2	10.1109/ICISC44 355.2019.903634 2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083028291&doi=10.1109%2fICISC44355.2019.9036342&partnerID=40&md5=c37faaf5b0fcf2df4268511954a2e5ca	Conference Paper

Sumanth, R.M.	57216162743;	Computation of eclipse time for low-earth orbiting small satellites	2019	International Journal of Aviation, Aeronautics, and Aerospace	6	5	7	10.15394/ijaaa.2019.1412	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082682705&doi=10.15394%2fijaaa.2019.1412&partnerID=40&md5=1f4be5534cb1cb48baf1fd53699d6104	Article
Geetha, V., Hariprasad, S.A., Vanke, P.	58072606700;37059047200;57215903385;	Reputation Based Extensive Deep Packet Sc-Rutiny Algorithm for Detecting Selfish Nodes in MANETs	2019	Lecture Notes on Data Engineering and Communications Technologies	26			10.1007/978-3-030-03146-6_177	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082332776&doi=10.1007%2f978-3-030-03146-6_177&partnerID=40&md5=f7a0b60e6eaeb342defb814a8effb3ac	Book Chapter
Farheen, A., Ashwini, S., Priyanka, K.G., Divya, P.R., Bhagya, R.	57215900615;57226302794;57215900969;57215901859;57200210743;	IoT Based Traffic Management in Smart Cities	2019	Lecture Notes on Data Engineering and Communications Technologies	26		2	10.1007/978-3-030-03146-6_121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082321470&doi=10.1007%2f978-3-030-03146-6_121&partnerID=40&md5=e38be70aeeb35f839640116b7a6d79e4	Book Chapter

Koppad, S.H., Kumar, S.A.	57191618577;57213855997;	Application of Seasonal Analytics in HealthCare Sector	2019	Lecture Notes on Data Engineering and Communications Technologies	26		1	10.1007/978-3-030-03146-6_123	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082317176&doi=10.1007%2f978-3-030-03146-6_123&partnerID=40&md5=7de11b6d0289c216dc36636b33940314	Book Chapter
Binu, D., Kariyappa, B.S.	57197290064;35102416500;	Support Vector Neural Network and Principal Component Analysis for Fault Diagnosis of Analog Circuits	2019	Lecture Notes on Data Engineering and Communications Technologies	26		1	10.1007/978-3-030-03146-6_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082316856&doi=10.1007%2f978-3-030-03146-6_10&partnerID=40&md5=a324ad12882ae3fb357a7d65308c265b	Book Chapter
Shreyas, K.K., Abhishek, H.P., Sneha, M., Shobha, G., Kumar, D.	57214836262;57214838696;56538461000;14829661100;57212688084;	Integration of third-party routing stack to netscaler CPX	2019	Advances in Science, Technology and Engineering Systems	4	6		10.25046/aj040624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079291567&doi=10.25046%2faj040624&partnerID=40&md5=ff2a8e1fd6fa7dadfeca86433613b667	Article

Sindhu, D., Ravikumar, A.S., Shivakumar, B.L.	57217845798;42762015600;57405900400;	Evaluation of nutrient index for soil fertility of Siddapura catchment, Karnataka State	2019	International Journal of Advanced Research in Engineering and Technology	10	6	1	10.34218/IJARET.10.6.2019.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079184316&doi=10.34218%2fIJARET.10.6.2019.020&partnerID=40&md5=b66d7403111ea7fed5d8354f7050815c	Article
Mazumdar, P., Dhavamani, V., Nagendla, S.S., Patil, K., Soundarya, S.	57214797435;57214798741;57214790674;57214995742;57211314258;	Design and analysis of solar powered laser system for power generation in satellites	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079173213&partnerID=40&md5=f7dab0e14434fcd7c37811574298a18b	Conference Paper
Ankitha, Nayak, D., Dhavamani, V., Ramesh, N.D., Vaishnav, A.	57214807398;57214790846;57214798741;57214793978;57214793859;	Wireless power transfer technology using solar power harnessing satellite and rectenna	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079165998&partnerID=40&md5=1ddc122dc7bbf750edfdd7f15e720cf2	Conference Paper

Vaishnav, A., Amulya, M.S., Srikar, M.	57214793859;57214802305;57214808130;	Comparison of software-based vs. Hardware-accelerated AES-128 encryption algorithm for secure communication with nanosatellites	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079157528&partnerID=40&md5=8a8c11bc2594664018287a3dd8cfea59	Conference Paper
Aramane, P., Bhattad, A., Madhwesh, M., Aithal, N., Akshay, P., Prapulla, S.B., Shoba, G.	57214806312;57204028995;57214800402;57214795257;58412992500;57193065088;14829661100;	Iot and neural network based multi region and simultaneous leakage detection in Pipelines	2019	International Journal of Advanced Research in Engineering and Technology	10	6	4	10.34218/IJARET.10.6.2019.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079156987&doi=10.34218%2fIJARET.10.6.2019.008&partnerID=40&md5=2d8bb3d46ca1a1449491f3fa32350e20	Article
Agrawal, A., Kulkarni, R.S.	57214807520;57214796765;	SETI@home: A detailed analysis and study	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079155754&partnerID=40&md5=52280e1e0d130b8cde3bcc3db792bc95	Conference Paper

Ramesh, N.D., Vaishnav, A., Shrivastava, S., Managoli, S.H., Selvam, A., Nayak, D.	57214793978;57214793859;57214808367;57214806662;57214807483;57214790846;	Implementation and comparison of AES-RSA and AES-ECC hybrid encryption schemes for nanosatellites	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079136563&partnerID=40&md5=beb604511c3a3ccbc19919634bdfe1ca	Conference Paper
Vedanthu, A.	57208628758;	Replacement of an aircraft's 'oleo-pneumatic hydraulic system' with an 'electromagnetic shock absorbing system', an alternative solution	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079131229&partnerID=40&md5=7420eece72390dc140be5ad00e5867db	Conference Paper
Srinivasan, S., Madhu, S., Devika, R., Mandal, S., Kedia, R.	57209690482;57208632034;57214804391;57214795173;57214794354;	Investigation on the consequences of employing dual throat micronozzle in microsatellite propulsion	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079129234&partnerID=40&md5=1e7ab314039ba9060c4fe76774894154	Conference Paper

Agrawal, N., Shetty, K.D., Holla, P., Managoli, S.H., Sirurmath, S.U., Srivastava, A., Shreya, G.P., Kulkarni, R.S.	57206287528;57214792717;57214806581;57214806662;57214795264;57214793806;57214791254;57214796765;	Successful smart material for satellite antenna	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079127446&partnerID=40&md5=9a14fe58625dc6411174155bdfdcfa86	Conference Paper
Raghavi, C.H., Umashankar, S., Chaturvedi, P., Bhulokam, A.M., Sushanth, M.	57214792547;57214801565;57214797168;57214797940;57214801466;	Growth analysis of Methanobrevibacter smithii, Klebsiella pnuemoniae and Enterobacter cloacae on-ground and in micro-gravity	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079124940&partnerID=40&md5=4e493212bab64ca6169d3232dd5e331a	Conference Paper
Seshasayee, A.G., Hebbar, S., Manjunath, A.K., Mitra, A.	57214801810;57214802416;57214804700;57214790314;	Design of an autonomous online power distribution architecture based on real-time load traffic analysis in a nanosatellite	2019	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079119206&partnerID=40&md5=c6c0b2955365361cebc0a59d6cf0ed5f	Conference Paper

Shivaswamy, M., Ravikumar, A.S., Shivakumar, B.L.	57214686967;42762015600;57405900400;	Quantitative morphometric and hypsometric analysis using remote sensing and GIS techniques	2019	International Journal of Advanced Research in Engineering and Technology	10	4	4	10.34218/IJARET.10.4.2019.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078955004&doi=10.34218%2fIJARET.10.4.2019.001&partnerID=40&md5=afb4d733f415b621563307e70d6e005c	Article
Namrata, Ravi Shankar, S., Kandukuri, S.B.	57214675795;57214665890;57214668807;	Network management using SNMP	2019	International Journal of Advanced Research in Engineering and Technology	10	3	1	10.34218/IJARET.10.3.2019.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078941074&doi=10.34218%2fIJARET.10.3.2019.008&partnerID=40&md5=4bd4eb74aed0d33a1fd4dc1a41fb4970	Article
Premananda, B.S., Sindhudhar, K.L., Mohanty, M.N.	37091407700;57208665198;57211009173;	An approach for privacy of wireless sensor network receiver location	2019	Journal of Advanced Research in Dynamical and Control Systems	11	8 Special Issue			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078919708&partnerID=40&md5=63ada5de005939ba5262301548fc0a52	Article

Sachin, B.M., Shushrutha, K.S.	57214664198;56556976900;	Design and simulation of dual polarized patch antenna	2019	International Journal of Advanced Research in Engineering and Technology	10	4	1	10.34218/IJARET.10.4.2019.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078915592&doi=10.34218%2fIJARET.10.4.2019.002&partnerID=40&md5=bc40bdd17639ddf61e5d19096474b03b	Article
Kiran Kumar, D.L., Nagaraja, H.G., Naveenkumar, S.H.	57204661746;57003457645;57214671126;	Some curvature properties of kenmotsu manifolds with schouten-van kampen connection	2019	Bulletin of the Transilvania University of Brasov, Series III: Mathematics, Informatics, Physics	12	2	2	10.31926/but.mif.2019.12.61.2.13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078881173&doi=10.31926%2fbut.mif.2019.12.61.2.13&partnerID=40&md5=2b1f68ebe8bae0d31187db0926adebe5	Article
Hurakadli, J.M., Sathish Babu, B.	21834249000;57304737200;	Virtual machine migration techniques in a cloud computing environment: A survey	2019	10th International Conference on Advances in Computing, Control, and Telecommunication Technologi					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078288513&partnerID=40&md5=f1c1e1d2e69d16b63d6141f8dafe8500	Conference Paper

Prapulla, S.B., Govindarajan, Vaishnavi, C., Shobha, G., Prakash, S., Manohar, K.	57193065088;57215324174;57215308689;14829661100;57215326787;57193577872;	Simulation method to evaluate the performance of 802.11 b/g Wi-Fi access point for exclusive VoIP traffic	2019	10th International Conference on Advances in Computing, Control, and Telecommunication Technologi					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078275109&partnerID=40&md5=cd636ecabcaeee8acf4b7b84ecc08892	Conference Paper
Hiremath, L., Kumar, N.S., Gupta, P.K., Srivastava, A.K., Choudhary, S., Suresh, R., Keshamma, E.	57204661876;55596200600;56608493300;57200314484;56299536300;57198152205;14825407700;	Synthesis, characterization of TiO2 doped nanofibres and investigation on their antimicrobial property	2019	Journal of Pure and Applied Microbiology	13	4	4	10.22207/JPAM.13.4.25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077714101&doi=10.22207%2fJPAM.13.4.25&partnerID=40&md5=6c951c20952a55bf57eb9eea5a767b9b	Article
Shabaze, M., Sahoo, P.K., Jagannatha Guptha, V.L.	57212674081;57212830028;54974215700;	Multiscale material modelling and analysis of carbon fiber/MWCNT/ epoxy composites to predict effective elastic constants	2019	Materials Today: Proceedings	19		8	10.1016/j.matpr.2019.07.647	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075754341&doi=10.1016%2fj.matpr.2019.07.647&partnerID=40&md5=d2dbea8ae416108d38f0ed5d14f588fa	Conference Paper

Shambulinga, M., Sadashivappa, G.	57189238537;36024241200;	Hyperspectral image classification using support vector machine with guided image filter	2019	International Journal of Advanced Computer Science and Applications	10	10	16		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075731996&partnerID=40&md5=d28b33c0ef19e0b6fd0302b588bab985	Article
Dutta, A., Gupta, A., Sathish, S., Bandooni, A., Kumar, P.	57206637052;57432888300;57211451414;57211979548;57212263234;	Simple recuperated S-CO2 cycle revisited: Optimization of operating parameters for maximum cycle efficiency	2019	Proceedings of the ASME Turbo Expo	9		3	10.1115/GT2019-90315	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075564026&doi=10.1115%2fGT2019-90315&partnerID=40&md5=d2cd7faff2244e67e80bd8b8e119fc72	Conference Paper
Nethravathi, K.A., Shankar, S.R.	57201944115;57201598843;	Signal Superposition Model with Mineralogy Based Spectroscopic Dielectric Model in Wireless Underground Sensor Networks	2019	International Journal of Electronics and Telecommunications	65	4	1	10.24425/ijet.2019.130251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074284323&doi=10.24425%2fijet.2019.130251&partnerID=40&md5=662c10b47348d836721672c2079765b5	Article

Narayanam, L.S.V., Motammanavar, S.V.	57211428362;57211431693;	A novel algorithm to compute stable groups in signed social networks	2019	Communications in Computer and Information Science	1045			10.1007/978-981-13-9939-8_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073914731&doi=10.1007%2f978-981-13-9939-8_15&partnerID=40&md5=f6272ebab7c6817b741fd4ad4f5e23d8	Conference Paper
Shreyas, P., Panda, B., Kumar, R.	56242829300;36772454800;58018886400;	Effect of various welding parameters on the mechanical behaviour of 316l stainless steel-galvanized steel weld	2019	Materials Science Forum	969 MSF		1	10.4028/www.scientific.net/MSF.969.807	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072955967&doi=10.4028%2fwww.scientific.net%2fMSF.969.807&partnerID=40&md5=b664df7bf29b7151e03dfec905904a77	Conference Paper
Bharath, G., Manjunath, A.E., Swarnalatha, K.S.	57211181460;56419667000;57211181338;	A survey on multi-resolution methods for de-noising medical images	2019	Advances in Intelligent Systems and Computing	906			10.1007/978-981-13-6001-5_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072896717&doi=10.1007%2f978-981-13-6001-5_20&partnerID=40&md5=b24264d60eef32ff66037525e767c672	Conference Paper

Manjunath, A.E., Kumar, M.V.V., Swarnalatha, K.S.	56419667000;57211647688;57211181338;	Digital filter technique used in signal processing for analysing of ECG signal	2019	Advances in Intelligent Systems and Computing	906			10.1007/978-981-13-6001-5_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072894903&doi=10.1007%2f978-981-13-6001-5_29&partnerID=40&md5=0360f50cc9620045fcd5e273f7e72301	Conference Paper
Sreekumar, A., Kalkur, P., Moiz, M.	57189376112;57211181595;57192662036;	Practical market indicators for algorithmic stock market trading: Machine learning techniques and grid strategy	2019	Advances in Intelligent Systems and Computing	906		2	10.1007/978-981-13-6001-5_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072891430&doi=10.1007%2f978-981-13-6001-5_10&partnerID=40&md5=f478f0645c6455ee6e6f108e15cd42ac	Conference Paper
Vantigaru, S., Basavaraj, R.K.	57189250063;57210839964;	Two layer encryption schemes for symmetric algorithms using DNA sequences	2019	International Journal of Mathematics and Computer Science	14	4	3		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071663444&partnerID=40&md5=9c9898985e5da4e46d4092f23a285ae1	Article

Noolvi, B., Raja, S., Nagaraj, S.	57194042240;7103346847;35366727200;	Constitutive modeling of smart adaptive composite with inactive SMP	2019	Materials Today: Proceedings	16		1	10.1016/j.matpr.2019.05.183	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070922386&doi=10.1016%2fj.matpr.2019.05.183&partnerID=40&md5=52f43622a6b86a751376e88e59739897	Conference Paper
Gopal Krishna, U.B., Ranganatha, P., Rajesh, G.L., Auradi, V., Mahendra Kumar, S., Vasudeva, B.	57191971515;57191984044;58435323300;87035923000;36515133000;57191980642;	Studies on dry sliding wear characteristics of Cermet WC-Co particulate reinforced Al7075 metal matrix composite	2019	Materials Today: Proceedings	16		12	10.1016/j.matpr.2019.05.100	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070869068&doi=10.1016%2fj.matpr.2019.05.100&partnerID=40&md5=88cb6b25bec95efc292bd0294731b523	Conference Paper
Shetty, J., Sajjan, R., Shobha, G.	55994536900;57215321143;14829661100;	Task resource usage analysis and failure prediction in cloud	2019	Proceedings of the 9th International Conference On Cloud Computing, Data Science and Engineerin			14	10.1109/CONFLUENCE.2019.8776612	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070653909&doi=10.1109%2fCONFLUENCE.2019.8776612&partnerID=40&md5=e7bd30bee9e3e896e3dadeaffd7808ab	Conference Paper

Vageesh, H.P., Ramesh, C.P., Raghavendra, T., Udayashankar, B.C., Shashishankar, A.	57210235868;57210234750;56394374000;25028845300;6505876311;	Engineering Properties of Self-compacting Concrete Containing Class C Fly Ash and Processed Slag Sand	2019	Sustainable Civil Infrastructures			4	10.1007/978-3-030-01932-7_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069999777&doi=10.1007%2f978-3-030-01932-7_18&partnerID=40&md5=dcaecd57858d2a8fc9efc1aaf85cafb6	Conference Paper
Ramesh, C.P., Vageesh, H.P., Raghavendra, T., Udayashankar, B.C., Shashishankar, A.	57210234750;57210235868;56394374000;25028845300;6505876311;	Self compacting concrete containing large volumes of class C flyash and processed slag sand for carbon foot print mitigation	2019	International Journal of Engineering Research and Technology	12	5	3		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069985838&partnerID=40&md5=bd8fd1fc6dfbce405e64bf32f2446c8e	Article
Joseph, M., Rassoul-Agha, F., Seppäläinen, T.	55147453900;8895791200;66040266686;	Independent Particles in a Dynamical Random Environment	2019	Springer Proceedings in Mathematics and Statistics	283			10.1007/978-3-030-15338-0_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068992997&doi=10.1007%2f978-3-030-15338-0_4&partnerID=40&md5=e77f4de548fb94928b6601192fd0c871	Conference Paper

Chethan, N., Ramesh, H.N., Nethravathi, S.	57209339930;700 7171233;5549650 5500;	Effect of bagasse ash admixture on geotechnical properties of shedi soil in addition with lime and sodium salts	2019	Lecture Notes in Civil Engineerin g	29			10.1007/978-981-13-6713-7_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067469040&doi=10.1007%2f978-981-13-6713-7_33&partnerID=40&md5=d8ed806a92a80492b465ef520dcbe32b	Book Chapter
Hosur, A., Shylashree, N.	56584513800;560 45640200;	Structural Testing of Multichip Module SoC Components	2019	Lecture Notes in Electrical Engineerin g	556			10.1007/978-981-13-7091-5_44	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066851304&doi=10.1007%2f978-981-13-7091-5_44&partnerID=40&md5=fd463c44153226839e4584ebc991cd9e	Conference Paper
Balaji Ganesh, N., Srihari, P.V.	57209196295;571 90045635;	Artificial neural networks methodologies to optimize engine performance parameters using MATLAB	2019	Lecture Notes in Mechanical Engineerin g				10.1007/978-981-13-6577-5_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066812984&doi=10.1007%2f978-981-13-6577-5_2&partnerID=40&md5=112ea4dd783ced277688724967d86b30	Book Chapter

Durga Prashanth, L., Palankar, N., Ravi Shankar, A.U.	55062277700;56730845100;56875864000;	A study on the effect of rejuvenators in reclaimed asphalt pavement based stone mastic asphalt mixes	2019	International Journal of Pavement Research and Technology	12	1	15	10.1007/s42947-019-0002-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066476849&doi=10.1007%2fs42947-019-0002-7&partnerID=40&md5=8cf3c38429aa6bed9f65ad88653922f0	Article
Hamsha, K., Nagaraja, G.S.	57201995953;56603530464;	Threshold Cryptography Based Light Weight Key Management Technique for Hierarchical WSNs	2019	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering	276		14	10.1007/978-3-030-20615-4_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066133599&doi=10.1007%2f978-3-030-20615-4_14&partnerID=40&md5=7322eb9b5d85527d5fecdbfc00c3159e	Conference Paper
Kalyur, S., Nagaraja, G.S.	57193062159;56603530464;	A Taxonomy of Methods and Models Used in Program Transformation and Parallelization	2019	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering	276		2	10.1007/978-3-030-20615-4_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066127262&doi=10.1007%2f978-3-030-20615-4_18&partnerID=40&md5=bf83caca1924d767704c5b0118d0e399	Conference Paper

Shreyas, A.R., Sharma, S., Shivani, H., Sowmyarani, C.N.	57208928054;57746040200;57208919172;55532106000;	IoT-Enabled Medicine Bottle	2019	Advances in Intelligent Systems and Computing	882		1	10.1007/978-981-13-5953-8_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066121972&doi=10.1007%2f978-981-13-5953-8_11&partnerID=40&md5=02f33ff58f94ea580eabe2f0b6ee02e1	Conference Paper
Suryavanshi, N.B., Viswavardhan Reddy, K., Chandrika, V.R.	57208922323;57216412900;57208925290;	Direction Finding Capability in Bluetooth 5.1 Standard	2019	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineerin	276		32	10.1007/978-3-030-20615-4_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066120749&doi=10.1007%2f978-3-030-20615-4_4&partnerID=40&md5=2a3fbefaae30b817f877416ae39260a6	Conference Paper
Rahul, M.V., Shettar, R., Subramanya, K.N.	57210627334;26422599700;35753798900;	An adaptive model for traffic flow optimisation in dynamic environments	2019	International Journal of Computational Science and Engineering	19	1	1	10.1504/IJCSE.2019.099679	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066019573&doi=10.1504%2fIJCSE.2019.099679&partnerID=40&md5=58690fad8f0666d38f43e2582570b6cc	Article

Naik, P., Nayak, S.	57220706854;57208817073;	Intelligence-Software Cost Estimation Model for Optimizing Project Management	2019	Advances in Intelligent Systems and Computing	984			10.1007/978-3-030-19807-7_42	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065878403&doi=10.1007%2f978-3-030-19807-7_42&partnerID=40&md5=b250e144f13ad49360f896cdc7ecc0be	Conference Paper
Sindhudhar, K.L., Premananda, B.S.	57208665198;37091407700;	Development of Hybrid Algorithm for Masquerading Sink Node Location in WSN	2019	Lecture Notes in Electrical Engineering	545			10.1007/978-981-13-5802-9_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065505582&doi=10.1007%2f978-981-13-5802-9_13&partnerID=40&md5=e39035695993b32d4150f355b54150fc	Conference Paper
Nikitha, L., Bhargavi, N.S., Kariyappa, B.S.	57198884453;57208665658;35102416500;	Design and Development of Non-volatile Multi-threshold Schmitt Trigger SRAM Cell	2019	Lecture Notes in Electrical Engineering	545		1	10.1007/978-981-13-5802-9_76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065488840&doi=10.1007%2f978-981-13-5802-9_76&partnerID=40&md5=bbe2ea4c9f31ce3aaccb5f4a293a6d55	Conference Paper

Shylashree, N., Hosur, A., Praveena, N.	56045640200;56584513800;56453234400;	Design of Ternary SRAM Cell Based on Level Shift Ternary Inverter	2019	Lecture Notes in Electrical Engineering	545		3	10.1007/978-981-13-5802-9_79	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065479801&doi=10.1007%2f978-981-13-5802-9_79&partnerID=40&md5=c1d9f960fea225192126076948f39fad	Conference Paper
Kumbargeri, V., Mahale, A., Ravish Aradhya, H.V.	57208665041;57208663407;55616592800;	Design and Implementation of Logarithmic Multiplier Using FinFETs for Low Power Applications	2019	Lecture Notes in Electrical Engineering	545			10.1007/978-981-13-5802-9_78	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065470903&doi=10.1007%2f978-981-13-5802-9_78&partnerID=40&md5=7a91ce3a0eb42ca2fa19d08fab87f6e5	Conference Paper
Thashrifa, K.K., Bhagya, R.	57208663150;57200210743;	Improved WEMER Protocol for Data Aggregation in Wireless Sensor Networks	2019	Lecture Notes in Electrical Engineering	545			10.1007/978-981-13-5802-9_81	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065468173&doi=10.1007%2f978-981-13-5802-9_81&partnerID=40&md5=1d1ed3c053c8eb876b1afb0b09cf5110	Conference Paper

Ganavi, M.G., Premananda, B.S.	57208673038;37091407700;	Design of Low-Power Square Root Carry Select Adder and Wallace Tree Multiplier Using Adiabatic Logic	2019	Lecture Notes in Electrical Engineering	545		10	10.1007/978-981-13-5802-9_67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065464359&doi=10.1007%2f978-981-13-5802-9_67&partnerID=40&md5=281dd3395e6cdbf23edac48379457728	Conference Paper
Narendra Kumar, S., Hiremath, L., Gupta, P.K., Srivastava, A.K., Jain, A., Hegde, A.R., Hamsa, L.	57200319371;57204661876;56608493300;57200314484;57208470234;57208467236;57501711400;	Hyper immune response against T-2 mycotoxin in oryctolagus cuniculus	2019	Research Journal of Pharmacy and Technology	12	1		10.5958/0974-360X.2019.00044.1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064860907&doi=10.5958%2f0974-360X.2019.00044.1&partnerID=40&md5=f990cb6ecc02a649c9b9aa0f9400718d	Article
Gupta, P.K., Shree, V., Hiremath, L., Rajendran, S.	56608493300;57215905177;57204661876;57210710290;	The use of modern technology in smart waste management and recycling: Artificial intelligence and machine learning	2019	Studies in Computational Intelligence	823		53	10.1007/978-3-030-12500-4_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064718036&doi=10.1007%2f978-3-030-12500-4_11&partnerID=40&md5=f973533e0ac66c07f6d5d8ff6851eff5	Book Chapter

Moharir, M., Soumya Mahalakshmi, A., Praveen Kumar, G.	54419033000;57191620178;56608493300;	Autonomous agents—Beginnings, innings and where we are headed	2019	Studies in Computational Intelligence	823			10.1007/978-3-030-12500-4_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064707518&doi=10.1007%2f978-3-030-12500-4_16&partnerID=40&md5=7e3922083d35cea14e2956ae15a5ed59	Book Chapter
Rajendran, S., Vakil, M., Gupta, P.K., Hiremath, L., Narendra Kumar, S., Srivastava, A.K., Shree, V.	57210710290;57208400913;56608493300;57204661876;57200319371;57200314484;57215905177;	An update on effective patient monitoring and diagnosis of diseases in the current scenario	2019	Studies in Computational Intelligence	823		1	10.1007/978-3-030-12500-4_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064651357&doi=10.1007%2f978-3-030-12500-4_13&partnerID=40&md5=ad1804d38410bb22736dde8200aef5cc	Book Chapter
Anupama Kumar, S., Vijayalakshmi, M.N., Divya, T.L., Subramanya, K.N.	57191624773;57200630505;58828802100;35753798900;	Computational intelligence for data analytics	2019	Studies in Computational Intelligence	823		3	10.1007/978-3-030-12500-4_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064647575&doi=10.1007%2f978-3-030-12500-4_2&partnerID=40&md5=4897967048c5797278c2485a24bbc014	Book Chapter

Ranjani, G., Sadashivappa, G.	57189234085;36024241200;	Analysis of doppler effects in underwater acoustic channels using parabolic expansion modeling	2019	International Journal of Advanced Computer Science and Applications	10	3	1	10.14569/IJACSA.2019.0100327	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063722282&doi=10.14569%2fIJACSA.2019.0100327&partnerID=40&md5=8eba5fd3bf6d3839d4263452f12d62ba	Article
Karunakara Rai, B., Harshitha, J.P., Kalagudi, R.S., Priyanka Chowdary, B.S., Hora, P., Sahana, B.	57207916289;57207914241;57207913099;57207916552;57207918950;57211220487;	A Cloud-Based Inventory Management System Using a Smart Trolley for Automated Billing and Theft Detection	2019	Lecture Notes in Networks and Systems	65			10.1007/978-981-13-3765-9_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063236492&doi=10.1007%2f978-981-13-3765-9_51&partnerID=40&md5=d4c5fd3d5b4e5cbcede488ad2e086999	Book Chapter
Prutha, G., Anitha, G.S.	57205627135;57204648570;	Smart Automation to Robot	2019	Lecture Notes in Networks and Systems	65			10.1007/978-981-13-3765-9_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063222111&doi=10.1007%2f978-981-13-3765-9_15&partnerID=40&md5=e084cf3efbdf85f122d085d7a2a3e558	Book Chapter

Naolekar, A.C., Thakur, A.S.	6508246574;36997591800;	KO-groups of stunted complex and quaternionic projective spaces	2019	Trends in Mathematics				10.1007/978-981-13-5742-8_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061310740&doi=10.1007%2f978-981-13-5742-8_12&partnerID=40&md5=b8b74d57200a080afdaad314b4567922	Book Chapter
Shylashree, N.	56045640200;	Two stage block truncation coding for lower mean square error	2019	International Journal of Recent Technology and Engineering	7	5	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061036991&partnerID=40&md5=bb6cca52326ac83ac1546fb12e766588	Article
Vinay, P., Shylashree, N.	57205608796;56045640200;	Verification of JESD204BTX soft ip using universal verification methodology	2019	International Journal of Innovative Technology and Exploring Engineering	8	3			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060749098&partnerID=40&md5=f05456b9659215133991bf486f2d11f5	Article

RajithKumar, B.K., Mohana, H.S., Jamakhandi, D.A., Akshatha, K.V., Hegde, D.B., Singh, A.	56493048300;26533115000;57205491465;57205486964;57205481566;57205490229;	Real-time input text recognition system for the aid of visually impaired	2019	Lecture Notes in Computational Vision and Biomechanics	30			10.1007/978-3-030-00665-5_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060258677&doi=10.1007%2f978-3-030-00665-5_16&partnerID=40&md5=4bf63c9d604fcf6e5dabcc55ef6d379f	Book Chapter
Puthren, P.R., Agrawal, A., Padma, U.	57205481925;57210533571;57201863706;	Automated glaucoma detection using global statistical parameters of retina fundus images	2019	Lecture Notes in Computational Vision and Biomechanics	30		1	10.1007/978-3-030-00665-5_39	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060191384&doi=10.1007%2f978-3-030-00665-5_39&partnerID=40&md5=f339a71f927e5e29b62d7f15ab1a840e	Book Chapter
Shashank, B.S., Dhannur, B., Ravishankar, H.N., Nagaraj, P.S.	57217461612;58778495400;57188649251;53064219100;	Study on development of strength properties of bio-concrete	2019	Lecture Notes in Civil Engineering	25		5	10.1007/978-981-13-3317-0_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060187615&doi=10.1007%2f978-981-13-3317-0_38&partnerID=40&md5=8987e5f769b444c19522f2877016885d	Book Chapter

Kiran, V., Sudha, K.L., Nagaraj, V.	57264437000;19934529800;35146495100;	Novel peak-to-average power reduction technique in combination with adaptive digital pre-distortion	2019	Smart Innovation, Systems and Technologies	106			10.1007/978-981-13-1742-2_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059702651&doi=10.1007%2f978-981-13-1742-2_1&partnerID=40&md5=5ef989e1510c2ebf1b8793e833aa8cea	Conference Paper
Poonam, G., Shashank, B.N., Rao, A.G.	56125487700;56440020200;57205220863;	Development of framework for detecting smoking scene in video clips	2019	Indonesian Journal of Electrical Engineering and Computer Science	13	1	6	10.11591/ijeecs.v13.i1.pp22-26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059201866&doi=10.11591%2fijeecs.v13.i1.pp22-26&partnerID=40&md5=96e6103c88e8d9b17236ef1abfc503d2	Article
Vidya, M.J., Padmaja, K.V.	55817931000;36055815400;	Appending photoplethysmograph as a security key for encryption of medical images using watermarking	2019	Advances in Intelligent Systems and Computing	713		2	10.1007/978-981-13-1708-8_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059072235&doi=10.1007%2f978-981-13-1708-8_33&partnerID=40&md5=cf33f9adec096996b28d1813ff0769fb	Conference Paper

Rajasree, P.M., Jatti, A.	35332763700;55580963900;	Patch-based feature extraction algorithm for mammographic cancer images	2019	Advances in Intelligent Systems and Computing	713			10.1007/978-981-13-1708-8_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059064638&doi=10.1007%2f978-981-13-1708-8_1&partnerID=40&md5=abd193821cc29327e524d468783f6ec7	Conference Paper
Veena Divya, K., Jatti, A., Revan Joshi, P., Deepu Krishna, S.	57196194328;55580963900;57205211586;57196194903;	A correlative study of contrary image segmentation methods appending dental panoramic X-ray images to detect jawbone disorders	2019	Advances in Intelligent Systems and Computing	713		1	10.1007/978-981-13-1708-8_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059052137&doi=10.1007%2f978-981-13-1708-8_3&partnerID=40&md5=90ed66ebd0b1aa81ea5fef0da03d22f7	Conference Paper
Sowmya, K.B., Mathew, J.A.	57211483117;57203961542;	Adept-disseminated arithmetic-based discrete cosine transform	2019	Advances in Intelligent Systems and Computing	755		2	10.1007/978-981-13-1951-8_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059027808&doi=10.1007%2f978-981-13-1951-8_34&partnerID=40&md5=3da7624daa32ee122ea952afce019f1a	Conference Paper

Kathavate, S., Rajesh, L., Srinath, N.K.	57215633054;57264361000;24492408800;	PR-LRU: Partial random LRU technique for performance improvement of last level cache	2019	International Journal of Computer Aided Engineering and Technology	11	1	1	10.1504/IJCAET.2019.096707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058805691&doi=10.1504%2fIJCAET.2019.096707&partnerID=40&md5=e18479f984a90ab0557d9523f273179f	Article
Raghunatha, K.R., Shivakumara, I.S.	57196003367;6603560855;	Double-diffusive convection in an Oldroyd-B fluid layer-stability of bifurcating equilibrium solutions	2019	Journal of Applied Fluid Mechanics	12	1	8	10.29252/jafm.75.253.28645	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058641046&doi=10.29252%2fjafm.75.253.28645&partnerID=40&md5=de231fb0fb02f5337133181f4082692c	Article
Chawla, R., Deshpande, S., Manas, M.N., Chhabria, S., Krishnappa, H.K.	57204588395;57204590690;36133461600;57204584886;57188733713;	Vertex magic total labelling and its application in cryptography	2019	Advances in Intelligent Systems and Computing	707			10.1007/978-981-10-8639-7_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056255488&doi=10.1007%2f978-981-10-8639-7_13&partnerID=40&md5=938af7445974f07d81177bae8126e304	Book Chapter

Manjesh, S., Kanakagiri, T., Vaishak, P., Chettiar, V.	57204029375;57204030521;57204028706;57204030660;	Context aware content delivery system in conversational interfaces	2019	Advances in Intelligent Systems and Computing	707			10.1007/978-981-10-8639-7_47	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056253779&doi=10.1007%2f978-981-10-8639-7_47&partnerID=40&md5=573d5398ceffc1b44353811fb0b31c42	Book Chapter
Karbari, S.R.	57203020105;	Structural triboelectric nanogenerators for self-powered wearable devices	2019	Advances in Intelligent Systems and Computing	698		3	10.1007/978-981-13-1819-1_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054313599&doi=10.1007%2f978-981-13-1819-1_19&partnerID=40&md5=5031ef5a799a9543c9c61ebc209f699c	Book Chapter
Siddaramappa, V., Ramesh, K.B.	57189250063;57210711669;	DNA-based XOR operation (DNAX) for data security using DNA as a storage medium	2019	Studies in Computational Intelligence	771		7	10.1007/978-981-10-8797-4_36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053469927&doi=10.1007%2f978-981-10-8797-4_36&partnerID=40&md5=023835f1654b215ab2811ed1fc282396	Book Chapter

Anitta, F., Sunitha, R., Pradhan, N., Sreedevi, A.	57203554197;57211137476;70050823583517370590 0;	Non-linear analysis of time series generated from the freeman k-set model	2019	Advances in Intelligent Systems and Computing	768		4	10.1007/978-981-13-0617-4_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052209062&doi=10.1007%2f978-981-13-0617-4_21&partnerID=40&md5=e4c1aad97594ceddd30d2a745f87c0cc	Conference Paper
Singh, T., Devi, R., Kumar, A., Jambagi, S.S., Singh, B.	55618639900;57217366427;57226074599;57202784408;57211221014;	Transmission of electromagnetic radiations from mobile phones: A critical analysis	2019	Advances in Intelligent Systems and Computing	669		1	10.1007/978-981-10-8968-8_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049329970&doi=10.1007%2f978-981-10-8968-8_20&partnerID=40&md5=b2ad03125c866fc41681cffa4e70f91b	Conference Paper
Neeli, J., Cauvery, N.K.	57202362496;35291528300;	Framework for capturing the intruders in wireless adhoc network using zombie node	2019	Advances in Intelligent Systems and Computing	765		4	10.1007/978-3-319-91192-2_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048052069&doi=10.1007%2f978-3-319-91192-2_34&partnerID=40&md5=c3b86acb844907f690baa053c24d269d	Conference Paper

Reddy, C.V., Padmaja, K.V.	57191612143;36055815400;	Relaxed greedy-based approach for enhancing of resource allocation for future cellular network	2019	Advances in Intelligent Systems and Computing	765			10.1007/978-3-319-91192-2_36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048040861&doi=10.1007%2f978-3-319-91192-2_36&partnerID=40&md5=24c94cd9d752610ceb6af7318c57b9bc	Conference Paper
Manujakshi, B.C., Ramesh, K.B.	57191615044;57210711669;	A novel experimental prototype for assessing IoT performance on real-time analytics	2019	Advances in Intelligent Systems and Computing	763			10.1007/978-3-319-91186-1_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047940408&doi=10.1007%2f978-3-319-91186-1_6&partnerID=40&md5=7b969c31c00d7f9ef2eaa9d83f4cdef9	Conference Paper
Shashidhar, T.M., Ramesh, K.B.	57196190732;57210711669;	FARIP: Framework for artifact removal for image processing using JPEG	2019	Advances in Intelligent Systems and Computing	764		2	10.1007/978-3-319-91189-2_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047881616&doi=10.1007%2f978-3-319-91189-2_2&partnerID=40&md5=358e1f85177a8ac1315cf033c677420e	Conference Paper

Binu, D., Kariyappa, B.S.	57197290064;35102416500;	RideNN: A New Rider Optimization Algorithm-Based Neural Network for Fault Diagnosis in Analog Circuits	2019	IEEE Transactions on Instrumentation and Measurement	68	1	213	10.1109/TIM.2018.2836058	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047795291&doi=10.1109%2fTIM.2018.2836058&partnerID=40&md5=d4bca3138897806170817f609535c924	Article
Chandan, G., Jain, A., Jain, H., Mohana	57223353006;57209886353;57193573796;57113679700;	Real Time Object Detection and Tracking Using Deep Learning and OpenCV	2018	Proceedings of the International Conference on Inventive Research in Computing Application			173	10.1109/ICIRCA.2018.8597266	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061510497&doi=10.1109%2fICIRCA.2018.8597266&partnerID=40&md5=8fc1bfd7979377dec8f54c1ee8e6c5dc	Conference Paper
Ashoka, S.B., Hanumanthappa, M., Manjunath, M.	57225280449;36606066600;55175425300;	Comparity Study of Traditional and Nature Inspired Routing Algorithms for Mobile Adhoc Network	2018	ICSNS 2018 - Proceedings of IEEE International Conference on Soft-Computing and Network Security				10.1109/ICSNS.2018.8573620	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060228532&doi=10.1109%2fICSNS.2018.8573620&partnerID=40&md5=ba221c804ea712165f69fe76295c05f9	Conference Paper

Sowmya, M., Vatsala, A.S.	55561235700;6603941981;	Mixed generalized iterative method for scalar first order non-linear initial value problem with applications	2018	AIP Conference Proceedings	2046			10.1063/1.5081618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058714747&doi=10.1063%2f1.5081618&partnerID=40&md5=31cb4a242e8f1471ae5cbd8f3ebaa4ce	Conference Paper
Shelar, A., Moharir, M.	57215545441;54419033000;	A Comparative Study to Determine a Suitable Legal Knowledge Representation Format	2018	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and			2	10.1109/ICEECCOT43722.2018.9001363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081130624&doi=10.1109%2fICEECCOT43722.2018.9001363&partnerID=40&md5=5b6bdefeea5648e7743937d87e6ff07c	Conference Paper
Manonmani, S., Honnaik, S., Rangaswamy, S.	57215542701;57215547848;35293507700;	Semantic Classification of Urban Trees Using High Resolution Satellite Imagery	2018	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and				10.1109/ICEECCOT43722.2018.9001306	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081129845&doi=10.1109%2fICEECCOT43722.2018.9001306&partnerID=40&md5=1975d005985a3149f3776766d1fcec99	Conference Paper

Mithun, T.P., Sreelakshmi, K.	57215549539;57297644300;	Design of Monopole CPW-Fed Pentagonal Patch Antenna	2018	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and				10.1109/ICEECCOT43722.2018.9001594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081125037&doi=10.1109%2fICEECCOT43722.2018.9001594&partnerID=40&md5=ba4440a1d8d0200b60e3789352b042aa	Conference Paper
Suresh, C., Halli, R.N.	57215544610;57215549271;	Investigation of Sulphur in Destruction of the Transformer Paper Oil Insulation	2018	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and			1	10.1109/ICEECCOT43722.2018.9001385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081114315&doi=10.1109%2fICEECCOT43722.2018.9001385&partnerID=40&md5=7b27311afe82362ab81ee6af5820a71f	Conference Paper
Chandan, R., Padma, U.	57215293931;57201863706;	Performance analysis of relay selection algorithm for video transmission in cooperative ad hoc networks	2018	2018 International Conference on Networking, Embedded and Wireless Systems, ICNEWS 2018			1	10.1109/ICNEWS.2018.8904010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075950367&doi=10.1109%2fICNEWS.2018.8904010&partnerID=40&md5=3fa52454e2422fe0aed64ef19504d850	Conference Paper

Rohith Raj, S., Rohith, R., Moharir, M., Shobha, G.	57212105905;57950267700;54419033000;14829661100;	SCAPY-a powerful interactive packet manipulation program	2018	2018 International Conference on Networking, Embedded and Wireless Systems, ICNEWS 2018			47	10.1109/ICNEWS.2018.8903954	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075936805&doi=10.1109%2fICNEWS.2018.8903954&partnerID=40&md5=b0089542e9e652f46af12535d771998f	Conference Paper
Nagaraju, P., Kumaraswamy, H.V.	57202905578;24534870500;	C-band dual cross polarized wide band high gain polarization reconfigurable stacked patch antenna array	2018	2018 International Conference on Networking, Embedded and Wireless Systems, ICNEWS 2018			1	10.1109/ICNEWS.2018.8904023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075925986&doi=10.1109%2fICNEWS.2018.8904023&partnerID=40&md5=eab4455b3f34add9a2688ce817d52483	Conference Paper
Shetty, S.S., Moharir, M., Sunil, K., Ahmad, S.F.	57212109780;54419033000;57192367743;57209916607;	Low latency high throughput wireless-NoC architecture for manycore processors	2018	2018 International Conference on Networking, Embedded and Wireless Systems, ICNEWS 2018			2	10.1109/ICNEWS.2018.8903985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075920840&doi=10.1109%2fICNEWS.2018.8903985&partnerID=40&md5=2c3f51ea76380644828dd1081c16d87e	Conference Paper

Premananda, B.S., Bhargav, U.K., Vineeth, K.S.	37091407700;57215547080;57215547805;	Design and Analysis of Compact QCA Based 4-Bit Serial-Parallel Multiplier	2018	3rd International Conference on Electrical, Electronics, Communication, Computer Technologi			13	10.1109/ICEECCOT43722.2018.9001619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073771716&doi=10.1109%2fICEECCOT43722.2018.9001619&partnerID=40&md5=09d60514384ed63ec79167927b465562	Conference Paper
Nagendra Guptha, C.K., Bhaskar, M.G., Meghasree, V.	57210340227;57200984241;57210342154;	Design of IoT Architecture for order picking in a typical warehouse	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information			5	10.1109/CSITSS.2018.8768752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070416116&doi=10.1109%2fCSITSS.2018.8768752&partnerID=40&md5=0cacf078319624cd414f81aeef0ee35e	Conference Paper
Bhat, A., Rao, A.C., Bhaskar, A., Adithya, V.	57210342263;57210344815;57210335880;56695101000;	A Cost-Effective Audio-Visual Summarizer for Summarization of Presentations and Seminars	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information			3	10.1109/CSITSS.2018.8768740	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070412712&doi=10.1109%2fCSITSS.2018.8768740&partnerID=40&md5=44b686ceefdffb9781e84c9a64fb8556	Conference Paper

Police Patil, P.R., Pramod, R., Sandhya, S.	57210339999;57210341802;57191854773;	A General Approach on Facial Feature Extraction and Face Attributes	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			2	10.1109/CSITSS.2018.8768504	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070410923&doi=10.1109%2fCSITSS.2018.8768504&partnerID=40&md5=7ded0767bec37eec83c2b5647f324517	Conference Paper
Aditya Bhat, S.G., Anushree, H.N., Das, S.	57210345144;57210341076;57210774336;	Steganography based Low Complexity Authentication Scheme for Synchrophasor Communication	2018	2018 20th National Power Systems Conference, NPSC 2018				10.1109/NPSC.2018.8771737	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070399722&doi=10.1109%2fNPSC.2018.8771737&partnerID=40&md5=290186da97f5d136a97867856294b364	Conference Paper
Sanjay, B.N., Rakshith, D.C., Akash, R.B., Hegde, V.V.	57210345137;57210338996;57224320925;57204031965;	An Approach to Detect Fileless Malware and Defend its Evasive mechanisms	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			14	10.1109/CSITSS.2018.8768769	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070398054&doi=10.1109%2fCSITSS.2018.8768769&partnerID=40&md5=91a1cbf2b20348f328b9591ffa706dea	Conference Paper

Maheshwari, S., Singhal, V., Ravi, V., Shrivatsava, S., Badarinath, K.	57197512150;57210346202;57210343887;57210337635;56419987600;	Cost-effective and self-regulating digital Noticeboard systems	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			1	10.1109/CSITSS.2018.8768775	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070397259&doi=10.1109%2fCSITSS.2018.8768775&partnerID=40&md5=ca545a2270604e7ea888ffafd4c794ec	Conference Paper
Iyer, S.R., Basu, S., Yadav, S., Vijayanand, V.M., Badrinath, K.	58664535500;57215331643;57216089940;57215318630;56419987600;	Reasonably Intelligent Mirror	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			2	10.1109/CSITSS.2018.8768748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070396970&doi=10.1109%2fCSITSS.2018.8768748&partnerID=40&md5=0e9d4e8a4f8e510e4eb0279cf2a75ada	Conference Paper
Bhat, P.S.G., Dharani, A.	58435393900;54383109800;	Methodologies in Face Recognition for Surveillance	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			1	10.1109/CSITSS.2018.8768747	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070395191&doi=10.1109%2fCSITSS.2018.8768747&partnerID=40&md5=31d11b67f6259b9128b951d057bc08d7	Conference Paper

Pratiba, D., Abhay, M.S., Dua, A., Shanbhag, G.K., Bhandari, N., Singh, U.	56125681000;57215301448;57215293580;57215297107;57215272973;57214523994;	Web Scraping and Data Acquisition Using Google Scholar	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			9	10.1109/CSITSS.2018.8768777	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070394437&doi=10.1109%2fCSITSS.2018.8768777&partnerID=40&md5=a79d868dde085139e3c1311e96652024	Conference Paper
Prema, V., Rao, K.U.	56096780000;55792251700;	Integrated Intelligent Power Management Strategy (IIPMS) to Optimize Green Energy Usage in Standalone Microgrid	2018	2018 20th National Power Systems Conference, NPSC 2018			1	10.1109/NPSC.2018.8771804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070390970&doi=10.1109%2fNPSC.2018.8771804&partnerID=40&md5=7249de40b938c794106af00a29f03bb5	Conference Paper
Vijayakumar, M.N., Archana, M.S., Kamalakant, W.	57196644006;57201226837;57210339895;	Exploratory Study on the Application of IoT in CNC	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology				10.1109/CSITSS.2018.8768502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070388255&doi=10.1109%2fCSITSS.2018.8768502&partnerID=40&md5=30bb27c81e5a219a2dd9ae1289f6d31d	Conference Paper

Nihitha, S.A., Navya, M., Koundinya, A.K., Shobha, G., Dewan, H.	57193071478;55662391600;55180085600;14829661100;52163401600;	Multivariate Solutions for Digital Rights Management Using Hardware and Software Methods-Survey	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology				10.1109/CSITSS.2018.8768739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070384519&doi=10.1109%2fCSITSS.2018.8768739&partnerID=40&md5=6fb65435a1642b6ad4f614fb58e37c3b	Conference Paper
Srujan, R., Manoj, K.Y., Pallavi, M., Archana, M.S., Guptha, C.K.N., Shailesh, M.R.	57210340182;57196146792;57204900617;57201226837;57210340227;57212144018;	Design and Fabrication of IoT enabled Temperature Sensor Calibration Experimental Setup for Metrology Lab	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			2	10.1109/CSITSS.2018.8768547	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070384022&doi=10.1109%2fCSITSS.2018.8768547&partnerID=40&md5=982506b77ef55d9ed4f7f9339d72eebc	Conference Paper
Asha, K., Krishnappa, H.K.	57213123509;57188733713;	Kannada Handwritten Document Recognition using Convolutional Neural Network	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			19	10.1109/CSITSS.2018.8768745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070376295&doi=10.1109%2fCSITSS.2018.8768745&partnerID=40&md5=766e222e80976c02c0fce2fbf25e7e7b	Conference Paper

Madalgi, J.B., Anupama Kumar, S.	57202994129;57191624773;	Development of Wireless Sensor Network Congestion Detection Classifier Using Support Vector Machine	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			6	10.1109/CSITSS.2018.8768738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070367742&doi=10.1109%2fCSITSS.2018.8768738&partnerID=40&md5=d7c45a9608897461047afa1cc71757ed	Conference Paper
Kambali, P.S., Suri, S., Sagar, B.M.	57210342628;57210341622;57193071793;	Distributed Representation of Words in Vector Space for Kannada Language	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology				10.1109/CSITSS.2018.8768761	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070362318&doi=10.1109%2fCSITSS.2018.8768761&partnerID=40&md5=831dfa7d7714a53ed4ad45568faa67df	Conference Paper
Arahunashi, A.K., Vaidya, G.G., Neethu, S., Reddy, K.V.	57210338791;57210345555;57201861956;57216412900;	Implementation of Server Load Balancing Techniques Using Software-Defined Networking	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			10	10.1109/CSITSS.2018.8768754	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070360973&doi=10.1109%2fCSITSS.2018.8768754&partnerID=40&md5=08809f0919bbf24f2a7319d78805b28b	Conference Paper

Sabnis, V., Tejaswini, P.D., Sharvani, G.S.	57210345919;57210341093;35293488200;	Course Recommendations in Moocs : Techniques and Evaluation	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			7	10.1109/CSITSS.2018.8768755	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070356222&doi=10.1109%2fCSITSS.2018.8768755&partnerID=40&md5=e9bf627a097275389244fbe12dd79fbc	Conference Paper
Nakul Bharadwaj, R.S., Prabhu, V., Ashwini, K.B.	57210338235;57194198735;57211493933;	Intelligent Canister	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology				10.1109/CSITSS.2018.8768750	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070354684&doi=10.1109%2fCSITSS.2018.8768750&partnerID=40&md5=bb9d1fd5488a2230c5aa801aa476039c	Conference Paper
Kulkarni, N.H., Srinivasan, G.N., Sagar, B.M., Cauvery, N.K.	57533651400;56501487200;57193071793;35291528300;	Improving Crop Productivity Through A Crop Recommendation System Using Ensembling Technique	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology			78	10.1109/CSITSS.2018.8768790	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070352859&doi=10.1109%2fCSITSS.2018.8768790&partnerID=40&md5=44e285ae571975ec32b046c9cdede747	Conference Paper

Shailaja, K.P., Manjunath, M., Umme Salma, M.	58307024700;55175425300;57192689088;	Impact of Learning Functions on Prediction of Stock Data in Neural Network	2018	Proceedings 2018 3rd International Conference on Computational Systems and Information Technology				10.1109/CSITSS.2018.8768744	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070352787&doi=10.1109%2fCSITSS.2018.8768744&partnerID=40&md5=08c3b439223232c0c7d8b7b12574e8a5	Conference Paper
Biswas, A., Jana, A.P., Mohana, Sai Tejas, S.	57209985991;57209980987;57113679700;57209969476;	Classification of objects in video records using neural network framework	2018	Proceedings of the International Conference on Smart Systems and Inventive Technology, ICSSIT 2018			25	10.1109/ICSSIT.2018.8748560	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069218325&doi=10.1109%2fICSSIT.2018.8748560&partnerID=40&md5=f10ae5ef78960c3adeb08a4850a5f031	Conference Paper
Joseph, M.	55147453900;	An invariance principle for the stochastic heat equation	2018	Stochastics and Partial Differential Equations: Analysis and Computations	6	4	1	10.1007/s40072-018-0118-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061727959&doi=10.1007%2fs40072-018-0118-9&partnerID=40&md5=f60cf7b841bfac0c39369e98d465aba1	Article

Hegde, R., Kirthan, L.J., Girish, V.A., Girishkumar, R.	36439505100;57188831223;23477321300;57205359475;	Development and mechanical properties investigation of areca husk fiber reinforced polymer composite	2018	International Journal of Mechanical Engineering and Technology	9	13	5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059736686&partnerID=40&md5=49e66bd7e3f665a93b8a65cc6420ae02	Article
Anil Kumar, C.P.	57208524231;	On the surjectivity of certain maps	2018	Journal of the Ramanujan Mathematical Society	33	4	3		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057584076&partnerID=40&md5=fb7440fea3109e707c523a1cad04a897	Article
Bhat, N., Eranna, U., Singh, M.K.	57226204926;24472466300;57203297300;	Pattern approximation based generalized image noise reduction using adaptive feedforward neural network	2018	International Journal of Electrical and Computer Engineering	8	6	2	10.11591/ijece.v8i6.pp.5021-5031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057375851&doi=10.11591%2fijece.v8i6.pp.5021-5031&partnerID=40&md5=4d759d036d5910020a1353927b2074de	Article

Singh, A., Ramakanth Kumar, P., Cholli, N.G.	57212846636;650 6962203;5720208 6135;	Empowering E-governance with E-voting	2018	Indonesian Journal of Electrical Engineering and Computer Science	12	3	4	10.11591/ijeecs.v12.i3.pp1081-1086	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057287415&doi=10.11591%2fijeecs.v12.i3.pp1081-1086&partnerID=40&md5=d29ade70d7295328350f206c0bef2046	Article
Sagar, B.M., Cauvery, N.K.	57193071793;352 91528300;	Agriculture data analytics in crop yield estimation: A critical review	2018	Indonesian Journal of Electrical Engineering and Computer Science	12	3	21	10.11591/ijeecs.v12.i3.pp1087-1093	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057257090&doi=10.11591%2fijeecs.v12.i3.pp1087-1093&partnerID=40&md5=e7b6d03c3a6d90528ef5028bdfe7dc98	Article
Poornima, G.R., Prasanna Kumar, S.C.	57193573392;571 91914097;	Efficient H.264 decoder architecture using external memory and pipelining	2018	Indonesian Journal of Electrical Engineering and Computer Science	12	3	3	10.11591/ijeecs.v12.i3.pp995-1002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057240121&doi=10.11591%2fijeecs.v12.i3.pp995-1002&partnerID=40&md5=7d5ab6357f4b018426964066aa214dcf	Article

Kendaganna, S.S., Anand, J., Uma, B.V.	57204787579;57207099242;55130921800;	Reconfigurable high performance secured NoC design using hierarchical agent-based monitoring system	2018	International Journal of Electrical and Computer Engineering	8	6	2	10.11591/ijece.v8i6.pp.4164-4174	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057175436&doi=10.11591%2fijece.v8i6.pp.4164-4174&partnerID=40&md5=9b9cc64e815355bf0efce13220d9cdf9	Article
Hanji, B.R., Shettar, R.	57044769300;26422599700;	Cross layer solution for energy and delay optimization in MANETs	2018	International Journal of Electrical and Computer Engineering	8	6	1	10.11591/ijece.v8i6.pp.4746-4754	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057160845&doi=10.11591%2fijece.v8i6.pp.4746-4754&partnerID=40&md5=d0a0410f53ae92c42e4a4bdec4865a15	Article
Madhu, B.R., Dinesh, M.N., Ravitheja, B.M.	57213015446;58959535500;57204477147;	Design of shunt hybrid active power filter to reduce harmonics on AC side due to non-linear loads	2018	International Journal of Power Electronics and Drive Systems	9	4	13	10.11591/ijpeds.v9.i4.pp1926-1936	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055745138&doi=10.11591%2fijpeds.v9.i4.pp1926-1936&partnerID=40&md5=dd3e354ac151180b918302a3fd31aa20	Article

Hiremath, S., Antony Raj, M.A.L., Chandra Prabha, M.N., Vidya, C.	36672963100;18933427200;57204858112;57204896836;	Tamarindus indica mediated biosynthesis of nano TiO2 and its application in photocatalytic degradation of Titan yellow	2018	Journal of Environmental Chemical Engineering	6	6	24	10.1016/j.jece.2018.08.052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053080276&doi=10.1016%2fj.jece.2018.08.052&partnerID=40&md5=7f51761ee37a093d19ad7d20557b215d	Article
Sujatha, B.G., Anitha, G.S.	57193694249;57204648570;	Enhancement of PQ in grid connected PV system using hybrid technique	2018	Ain Shams Engineering Journal	9	4	22	10.1016/j.asej.2016.04.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048737633&doi=10.1016%2fj.asej.2016.04.007&partnerID=40&md5=805dbc042fd5048775b69430c01fe26e	Article
Ravish, R., Nadagouda, P., Hombal, K., Ramkumar, L., Nayak, P., Shah, P., Jayakumar, R., Suresh, P., Rangaswamy, S.	57205446399;57205439575;57205447650;57205434423;57205446618;57205445728;57205446378;57187888500;35293507700;	IoT Based Road Travel Time Detection	2018	2018 International Conference on Advances in Computing, Communications and Informatics (ICACCI				10.1109/ICACCI.2018.8554804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060042830&doi=10.1109%2fICACCI.2018.8554804&partnerID=40&md5=805b3637beaa2fb30892886af64674e2	Conference Paper

Binu, D., Karivappa, B.S.	57197290064;35102416500;	Support Vector Neural Network and Principal Component Analysis for Fault Diagnosis of Analog Circuits	2018	Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018			3	10.1109/ICOEI.2018.8553786	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059984995&doi=10.1109%2fICOEI.2018.8553786&partnerID=40&md5=6a2ade87936d31367711ee3162ac36f5	Conference Paper
Hatagundi, M.D., Sadashivappa, G.	57205424665;36024241200;	Wireless Communication in Medical Devices: Research Challenges	2018	Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018			3	10.1109/ICOEI.2018.8553842	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059978316&doi=10.1109%2fICOEI.2018.8553842&partnerID=40&md5=29a9ed2564016c4a93aa2afeed5ac6f1	Conference Paper
Srujhana, P., Menon, R.J., Basutkar, S.M., Devi, M.V.R.	57205644397;57205649109;57205650170;57205649954;	Demolished brick masonry as a replacement of river sand in cement and cement lime mortar	2018	AIP Conference Proceedings	2039		1	10.1063/1.5079008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060956478&doi=10.1063%2f1.5079008&partnerID=40&md5=3c2eccf20a2b80e003543367c97f7f9e	Conference Paper

Gururaj, B., Sadashivappa, G.	57211247601;36024241200;	Error-resilient transmission of image over challenging wireless communication channel	2018	AIP Conference Proceedings	2039		2	10.1063/1.5078995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060951061&doi=10.1063%2f1.5078995&partnerID=40&md5=56ae71ede71bc33ca9044fa3e296db31	Conference Paper
Bhat, S., Snehil Kumar, B., Moses, V., Akshay, C.B., Rai, R.	57205647483;57205645759;57205651398;57205653238;57205638940;	Development of a bio-resin from organic waste and its application to make high strength composites	2018	AIP Conference Proceedings	2039		6	10.1063/1.5079019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060921990&doi=10.1063%2f1.5079019&partnerID=40&md5=25aadfb2640ef1afae9c0e6b54a5144b	Conference Paper
Sudeep, M., Moses, V.	57205645458;57205651398;	Nanotechnology - As antibacterial and heavy metal removal in waste water treatment - A review	2018	AIP Conference Proceedings	2039		2	10.1063/1.5079026	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060917892&doi=10.1063%2f1.5079026&partnerID=40&md5=23f7c2508d189e58dfeb0a54792797db	Conference Paper

Sunitha, S., Sadashivappa, G.	57195356763;36024241200;	Design and Analysis of 2×2 MIMO system for WLANs - A Review	2018	Proc. IEEE Conference on Emerging Devices and Smart Systems, ICEDSS 2018				10.1109/ICEDSS.2018.8544288	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060037799&doi=10.1109%2fICEDSS.2018.8544288&partnerID=40&md5=93f4abf21d6185ec5e0d8710257703bc	Conference Paper
Amulya, K., Sadashivappa, G.	55928545800;36024241200;	Design and Implementation of a Reconfigurable Digital Down Converter for 4G Systems Using MATLAB and FPGA- A Review	2018	Proc. IEEE Conference on Emerging Devices and Smart Systems, ICEDSS 2018			5	10.1109/ICEDSS.2018.8544271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060029146&doi=10.1109%2fICEDSS.2018.8544271&partnerID=40&md5=c23ca890b3ece59db59366e20b080d9a	Conference Paper
Nagaraj, K., Bhattacharjee, B., Sridhar, A., Sharvani, G.S.	57200284206;57191967870;57193230814;35293488200;	Detection of phishing websites using a novel twofold ensemble model	2018	Journal of Systems and Information Technology	20	3	20	10.1108/JSIT-09-2017-0074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055291675&doi=10.1108%2fJSIT-09-2017-0074&partnerID=40&md5=f951acd16b54369ce45ca8c49a9567cf	Article

Bhat, P.S., Kashyap, P.C., Naik, S.	57616322000;57211708507;57206513995;	Mutual Coupling Reduction Using Double Negative Metamaterial Based Dual-Line Split-Ring Resonator (DLSRR) Arrays in Microstrip Patch Antenna Arrays for L-Band and X-Band Applications	2018	2018 International Conference On Advances in Communication and Computing Technology ICACCT			2	10.1109/ICACCT.2018.8529623	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058324959&doi=10.1109%2fICACCT.2018.8529623&partnerID=40&md5=4dc6e1a50fc82004100a1ac3bdece1a9	Conference Paper
Ghosh, S., Lanka, A., Ashok, V., Suhas, P.	57205056151;57205056379;57216365499;57189902926;	Optimized amphibious robot propagation with remote access	2018	2018 International Conference on Emerging Trends and Innovations In Engineering And Technologi				10.1109/ICETIETR.2018.8529027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058422155&doi=10.1109%2fICETIETR.2018.8529027&partnerID=40&md5=27b9db2e8c73bcab133b22f50760e2da	Conference Paper
Suraj, A.R., Shekar, S.J., Mamatha, G.S.	57204936012;57204934891;35146519000;	A Robust Security Model for Cloud Computing Applications	2018	7th IEEE International Conference on Computation of Power, Energy, Information and Communication			4	10.1109/ICCPEIC.2018.8525141	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057955343&doi=10.1109%2fICCPEIC.2018.8525141&partnerID=40&md5=006a1ea1c184b4ccc03b648ed1669f79	Conference Paper

Shanchana, S., Nithyashree, S., Aishwarya, M., Sanjana, S., Nithin, M., Kittur, H.M.	57204895607;57204898163;58697816400;57191366063;57195358294;54924938900;	Systematic Design and Analysis of Split Length Compensated Op-Amp Using gm/ID Technique	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018				10.1109/ICCSP.2018.8524309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057767852&doi=10.1109%2fICCSP.2018.8524309&partnerID=40&md5=fff55794ec32187978c38219fe66f8fe	Conference Paper
Sandya, H.B., Nagamani, K., Shavanthi, L.	56242356700;57218872766;65045022223;	A Review of Cognitive Radio Spectrum Sensing Methods in Communication Networks	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018			3	10.1109/ICCSP.2018.8524489	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057762072&doi=10.1109%2fICCSP.2018.8524489&partnerID=40&md5=8a625947116587237fdf87b8556f1894	Conference Paper
Srikanth, K., Manjunath, R.K.	58393055200;57190341349;	Impact of Reference Clock and Filtering on the Performance of Direct Digital Synthesizer	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018				10.1109/ICCSP.2018.8524432	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057760073&doi=10.1109%2fICCSP.2018.8524432&partnerID=40&md5=b53c3bff3a7b3fb2ad5ff23db4eae6bf	Conference Paper

Chandra, J.N., Bhavana, V., Krishnappa, H.K.	58623366400;57188735311;57188733713;	Brain Tumor Detection Using Threshold and Watershed Segmentation Techniques with Isotropic and Anisotropic Filters	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018			4	10.1109/ICCSP.2018.8524154	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057758835&doi=10.1109%2fICCSP.2018.8524154&partnerID=40&md5=f7dc8d1b74c202c9237b33b7b58acba9	Conference Paper
Reddy, D., Dheeraj, Kiran, Bhavana, V., Krishnappa, H.K.	57210250811;57204899608;56035983800;57188735311;57188733713;	Brain Tumor Detection Using Image Segmentation Techniques	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018			24	10.1109/ICCSP.2018.8524235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057757707&doi=10.1109%2fICCSP.2018.8524235&partnerID=40&md5=9eb2514edf785403fca5dc249393faf1	Conference Paper
Harshita, P., Adiga, A.R.	57201906885;55446414700;	Speech Recognition with Frequency Domain LineaR Prediction	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018				10.1109/ICCSP.2018.8524270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057753394&doi=10.1109%2fICCSP.2018.8524270&partnerID=40&md5=68c4ea12ef6948965bd1c6c0e0afa8c2	Conference Paper

Raghunandan, A., Mohana, Raghav, P., Aradhya, H.V.R.	57204897354;57113679700;57201987520;55616592800;	Object Detection Algorithms for Video Surveillance Applications	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018			123	10.1109/ICCSP.2018.8524461	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057738289&doi=10.1109%2fICCSP.2018.8524461&partnerID=40&md5=8d140df87c687e38d873ce4b37e13537	Conference Paper
Mangawati, A., Mohana, Leesan, M., Aradhya, H.V.R.	57204903767;57113679700;57204895181;55616592800;	Object Tracking Algorithms for Video Surveillance Applications	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018			34	10.1109/ICCSP.2018.8524260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057721958&doi=10.1109%2fICCSP.2018.8524260&partnerID=40&md5=c5ed69e1ef3f7b285ad1d802dfd6c520	Conference Paper
Manjunatha, R.H.V., Manjunath, R.K.	57193605656;57190341349;	Design and Simulation of Ku-Band Voltage Tuned Dielectric Resonator Oscillator	2018	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018			5	10.1109/ICCSP.2018.8524410	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057710783&doi=10.1109%2fICCSP.2018.8524410&partnerID=40&md5=872cd8df9795014f4d37cb0c6bf2ced2	Conference Paper

Nasreen, A., Chethan, K.P., Patil, R.M., Shobha, G.	56584235400;57218597236;57204028909;14829661100;	Evaluation and Review of Object Tracking Solutions for Video Sequences	2018	Proceedings of the 3rd International Conference on Inventive Computation Technologies, ICICT 2018				10.1109/ICICT43934.2018.9034300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082679756&doi=10.1109%2fICICT43934.2018.9034300&partnerID=40&md5=f0ca78daee29a993dc49c8b3013f5e0e	Conference Paper
Lalitha, V.P., Rangaswamy, S., Gouthami, C.R., Jai Balaj, T., Kumar, P., Dolli, R.G.	58497515600;35293507700;57216153538;57216149283;57194767554;57216154800;	Satellite Image Enhancement Using Neural Networks	2018	Proceedings of the 3rd International Conference on Inventive Computation Technologies, ICICT 2018			2	10.1109/ICICT43934.2018.9034421	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082655513&doi=10.1109%2fICICT43934.2018.9034421&partnerID=40&md5=749944a2cb93374af5a6394836298807	Conference Paper
Patil, R.M., Vinay, N.R., Pratiba, D.	57204028909;57207633789;56125681000;	Application-based smart parking system using CAN bus	2018	Indonesian Journal of Electrical Engineering and Computer Science	12	2	3	10.11591/ijeecs.v12.i2.pp759-764	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064766278&doi=10.11591%2fijeecs.v12.i2.pp759-764&partnerID=40&md5=2f7861bd9ac7a468174ad9750ae8835a	Article

Govinda Raju, M., Roopa, J., Ugargol, A.M.	56862175000;57113594600;57204965825;	Parallel hardware architecture for implementation of high speed MAC	2018	Indian Journal of Public Health Research and Development	9	11		10.5958/0976-5506.2018.01532.2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058162016&doi=10.5958%2f0976-5506.2018.01532.2&partnerID=40&md5=e6807bc0eb7ae4d7515a427d87cc3e65	Article
Nethravathi, S., Ramesh, H.N., Udayashankar, B.C., Chethan, V.	55496505500;57007171233;25028845300;57204942629;	Studies on moulding water content on the strength behaviour of red earth treated with bagasse ash and lime	2018	International Journal of Civil Engineering and Technology	9	11			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058025252&partnerID=40&md5=402f4007b933cc92569458297e605682	Article
Koppal, V.V., Melavanki, R.M., Kusanur, R.A., Patil, N.R.	55444679900;23061607900;650772790 4;35366935700;	Understanding fluorescence resonance energy transfer between biologically active coumarin derivative and silver nanoparticles using steady state and time resolved spectroscopic methods	2018	Journal of Molecular Liquids	269		11	10.1016/j.molliq.2018.08.077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051395573&doi=10.1016%2fj.molliq.2018.08.077&partnerID=40&md5=c460012ce0dd704427f47e44b7c15442	Article

Sindhu, N., Empran, S., Uttarakumari, M., Badiger, S.D.	57212673818;57204719771;36545560700;57201858706;	Target Classification and Tracking Using Symbolic Dynamic Filtering	2018	2018 9th International Conference on Computing, Communication and Networking Technologi			1	10.1109/ICCCNT.2018.8494052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056866575&doi=10.1109%2fICCCNT.2018.8494052&partnerID=40&md5=d2d0d12c600cadb5b56444d094f16b10	Conference Paper
Kavitha, S.N., Shahila, K., Prasanna Kumar, S.C.	57220455129;57204615954;57191914097;	Biometrics Secured Voting System with Finger Print, Face and Iris Verification	2018	Proceedings of the 2nd International Conference on Computing Methodologies and Communic			3	10.1109/ICCMC.2018.8487558	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056435055&doi=10.1109%2fICCMC.2018.8487558&partnerID=40&md5=80528d974644fe1d3b59522c12a840b8	Conference Paper
Roy, K., Banninthaya, V.K., Prabhu, S.M., Koomar, A., Karnataki, D., Shankar, G.	57204618019;57204617766;57204616451;57204623666;57204614710;57189057949;	Smart IoT based Energy Metering System for Microgrids with Load Management Algorithm	2018	Proceedings of the 2nd International Conference on Computing Methodologies and Communic			6	10.1109/ICCMC.2018.8487710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056432665&doi=10.1109%2fICCMC.2018.8487710&partnerID=40&md5=783d6ecae8fe84364a69637fafa257ab	Conference Paper

Sreevidya, R.C., Nagaraja, G.S.	57194043315;660 3530464;	Secure Multicast Routing for Wireless Sensor Networks using ACO-AODV with DHKE Cryptosystem	2018	Proceedings of the 2nd International Conference on Computing Methodologies and Communication			4	10.1109/ICCMC.2018.8487825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056425394&doi=10.1109%2fICCMC.2018.848782 5&partnerID=40&md5=d3f2d8f33e1f02078dbdef0423f5c70a	Conference Paper
Shylashree, N., Imran, M.M.M.	56045640200;572 01484424;	Effective Resistance Calculation for Fixing Reliability Verification Violations	2018	2017 14th IEEE India Council International Conference, INDICON 2017				10.1109/INDICON.2017.8487976	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056410973&doi=10.1109%2fINDICON.2017.8487976&partnerID=40&md5=b0a7810f7149ff7085a825f3b00b31f5	Conference Paper
Madhusudan, P., Rathankumar, D.B., Aishwarya, K., Anitha, G.S.	57202116085;572 04626061;577981 11400;572046485 70;	Computationally Efficient Algorithms and High-Speed ASIC design for Railway Gate Automation	2018	Proceedings of the 2nd International Conference on Computing Methodologies and Communication			1	10.1109/ICCMC.2018.8488089	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056377473&doi=10.1109%2fICCMC.2018.848808 9&partnerID=40&md5=89df7211869c461fde2128cd5c2c3953	Conference Paper

Revathi, S.A., Holi, G.	57564082700;56857615100;	Cartilage Segmentation of Knee OsteoArthritis from Magnetic Resonance Images(MRI)	2018	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and			1	10.1109/ICAECC.2018.8479529	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056205967&doi=10.1109%2fICAECC.2018.8479529&partnerID=40&md5=5ab0f64ddff06bb0cc04e1b8c4a1b239	Conference Paper
Vijayakumar, B.	57225054068;	Memristor-Based Neuromorphic Hybrid CMOS Sub-Block Architecture for a High-Speed Arithmetic and Logic Unit	2018	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and				10.1109/ICAECC.2018.8479460	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056202434&doi=10.1109%2fICAECC.2018.8479460&partnerID=40&md5=e0597e6be119b7304cea9631dacd6af7	Conference Paper
Sameeksha Rai, N., Pannaga Shree, B.S., Meghana, Y.P., Chavan, A.P., Aradhya, H.V.R.	57204561323;57204566683;57217914751;56405270200;55616592800;	Design and implementation of 16 tap FIR filter for DSP Applications	2018	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and			16	10.1109/ICAECC.2018.8479480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056174229&doi=10.1109%2fICAECC.2018.8479480&partnerID=40&md5=bdaa9eafe4a97998228342fa287034ad	Conference Paper

Gadad, V., Sowmyarani, N.S.	57204565648;55532106000;	Understanding Microaggregation- A technique of Statistical Disclosure Control for Privacy Preserving and Data Publishing in Inter-Cloud	2018	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and				10.1109/ICAECC.2018.8479452	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056150690&doi=10.1109%2fICAECC.2018.8479452&partnerID=40&md5=bb7fd36c62f99ac7b7724592175170ff	Conference Paper
Bhat, M.H., Bhat, P.A., Gulur, D.R., Nanda, R.	57216638447;57216630797;57216635605;57216634635;	Operation of Onboard Data Handling System in Different Switching Modes for RVSAT-1	2018	2018 4th International Conference for Convergence in Technology, I2CT 2018				10.1109/I2CT42659.2018.9058010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084137583&doi=10.1109%2fI2CT42659.2018.9058010&partnerID=40&md5=7cb31365a437972958044ed11a775051	Conference Paper
D'Souza, S.	56640796600;	Improving Performance of Ceiling Fan through EAC and Energy Saving by Smart Automation: A review	2018	2018 4th International Conference for Convergence in Technology, I2CT 2018				10.1109/I2CT42659.2018.9057802	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084133035&doi=10.1109%2fI2CT42659.2018.9057802&partnerID=40&md5=4557a7e6695e46263523c97ade0d741a	Conference Paper

Pradeep, K.S., Nagendra, N.N., Manjunath, R.K.	57201942681;57201853556;57190341349;	Design and Simulation of Slotted Waveguide Antenna Array for X-Band Radars	2018	2018 4th International Conference for Convergence in Technology, I2CT 2018			2	10.1109/I2CT42659.2018.9058176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084120396&doi=10.1109%2fI2CT42659.2018.9058176&partnerID=40&md5=03aab2d35cf1375ed38d44d1202b29fd	Conference Paper
Lathashree, H., Katte, N.J.M., Pooja, K.P., Babu, B.S., Bhargavi, K.	57204635587;57204634538;57968831100;57304737200;55179979600;	Multiple CAs based Framework with ANN for Load Balancing in Cloud Computing Environment	2018	2018 4th International Conference for Convergence in Technology, I2CT 2018			3	10.1109/I2CT42659.2018.9057813	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083074904&doi=10.1109%2fI2CT42659.2018.9057813&partnerID=40&md5=0544830b772c307cdc24f655fabda741	Conference Paper
Kaushik, V., Suhas, P.	57209656639;57189902926;	Fool Proof Ticketing System for Public Transport	2018	Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018	#####		2	10.1109/CESYS.2018.8723982	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068381600&doi=10.1109%2fCESYS.2018.8723982&partnerID=40&md5=a3e6a86efbd9a9ebeb649e0efe869eb7	Conference Paper

Dennis, B., Kariyappa, B.S.	57197290064;35102416500;	Fault Isolation in Analog Circuits using Multi-Support Vector Neural Network	2018	Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018			1	10.1109/CESYS.2018.8723951	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067505757&doi=10.1109%2fCESYS.2018.8723951&partnerID=40&md5=c6d6835a5e118abaec58474a754928f6	Conference Paper
Meghana, R.K., Apoorva, S., Mohana, Chitkara, Y.	57192686013;57220222728;57113679700;57209341041;	Inspection, Identification and Repair Monitoring of Cracked Concrete structure - An application of Image processing	2018	Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018			6	10.1109/CESYS.2018.8723898	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067460266&doi=10.1109%2fCESYS.2018.8723898&partnerID=40&md5=82cda6679fe99058c6bc46b0a8e85c55	Conference Paper
Girish Rao Salanke, N.S., Maheswari, N., Samraj, A., Vijayakumar, M.V.	55816940900;26428325000;21741281400;57204873452;	An efficient score level multimodal biometric system using ECG and fingerprint	2018	Journal of Telecommunication, Electronic and Computer Engineering	10	4	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057616416&partnerID=40&md5=16ebd28142ecc48e948d0b01cfcfca37	Article

Gorkal, A., Reddy, C.P., Ravi, M.U.	6508093947;7403176998;57214521240;	Experimental Investigations on LHR Single Cylinder Air Cooled Diesel Engine using Simarouba Biodiesel and its Blends as Alternate to Diesel Fuel	2018	Journal of The Institution of Engineers (India): Series C	99	5	5	10.1007/s40032-017-0391-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053385015&doi=10.1007%2fs40032-017-0391-9&partnerID=40&md5=88dd942adc6b94f7f61845e93f55a7af	Article
Prema, V., Uma Rao, K.	56096780000;6507545977;	Interactive Graphical User Interface (GUI) for Wind Speed Prediction Using Wavelet and Artificial Neural Network	2018	Journal of The Institution of Engineers (India): Series B	99	5	5	10.1007/s40031-018-0339-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052878945&doi=10.1007%2fs40031-018-0339-3&partnerID=40&md5=821a92f1a1cfcaf9e02b2e729593511d	Article
Mini, R., Shabana Backer, P., Satheesh, B.H., Dinesh, M.N.	57217499355;56879172600;57203436276;58959535500;	Low speed estimation of sensorless DTC induction motor drive using MRAS with neuro fuzzy adaptive controller	2018	International Journal of Electrical and Computer Engineering	8	5	16	10.11591/ijece.v8i5.pp.2691-2702	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051738416&doi=10.11591%2fijece.v8i5.pp.2691-2702&partnerID=40&md5=fc049821494c2056106b4619e410075a	Article

Venkatram, M., Narasimha Murthy, H.N.R., Gaikwad, A., Mankunipoyil, S.A., Ramakrishna, S., Ayalasomayajula Ratna, P.	35503556700;36629289200;57202582905;57202584562;57211132599;57202574428;	Antibacterial and Flame Retardant Properties of Ag-MgO/Nylon 6 Electrospun Nanofibers for Protective Applications	2018	Clothing and Textiles Research Journal	36	4	12	10.1177/0887302X18783071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048828972&doi=10.1177%2f0887302X18783071&partnerID=40&md5=b07821b4dd6e56cdb5d64fd0b6b9814c	Article
Krishnan, S.S.N.	57190226785;	Defending Selective Forwarding Attacks in Underwater Acoustic Networks Applying Trust Model	2018	Proceedings of the 2nd International Conference on Electronics, Communication and Aerospace Technology			1	10.1109/ICECA.2018.8474693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060894486&doi=10.1109%2fICECA.2018.8474693&partnerID=40&md5=1b4648f98ff6e4e5f9df699707c140b4	Conference Paper
Vinay, S.K., Pranava, G., Kumar, S.A., Koppad, S.H.	57189327345;57221338654;57191624773;57191618577;	Application of Data Analytics to predict and analyse COPD Data	2018	Proceedings of the 2nd International Conference on Electronics, Communication and Aerospace Technology			1	10.1109/ICECA.2018.8474615	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060883210&doi=10.1109%2fICECA.2018.8474615&partnerID=40&md5=9cff94d439b4162e1ff94c7899fd3ebd	Conference Paper

Prutha, G., Anitha, G.S.	57205627135;57204648570;	Power to Grid with Different Uses of Controllers for Solar Energy	2018	Proceedings of the 2nd International Conference on Electronics, Communication and Aerospace Technology				10.1109/ICECA.2018.8474843	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060840951&doi=10.1109%2fICECA.2018.8474843&partnerID=40&md5=da42a3f531ff382f414c4aba2ff09448	Conference Paper
Lanka, A., Garzevas, A.	57205056379;57205389683;	Remotely Accessible, Low Power Network Attached Storage Device	2018	Proceedings of the International Conference on Inventive Communication and Computational Technologi			6	10.1109/ICICCT.2018.8473164	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059858667&doi=10.1109%2fICICCT.2018.8473164&partnerID=40&md5=1a2eaf855204a74a53aa63ecae925ad3	Conference Paper
Ajay Rao, P., Navaneesh Kumar, B., Cadabam, S., Praveena, T.	57204015047;57204020628;57204016715;57193072047;	Distributed Deep Reinforcement Learning using TensorFlow	2018	International Conference on Current Trends in Computer, Electrical, Electronics and Communication, CTCEEC			11	10.1109/CTCEEC.2017.8455196	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054091691&doi=10.1109%2fCTCEEC.2017.8455196&partnerID=40&md5=cea5972262a5435ca41c98b7a6edc187	Conference Paper

Megha, A.V., Nandan, V., Bhat, P., Ajay Rao, P., Anala, M.R.	57204022346;57190396715;55994890600;57204015047;55734811700;	Automated Consolidation of Virtual Machines	2018	International Conference on Current Trends in Computer, Electrical, Electronics and Communication, CTCEEC				10.1109/CTCEEC.2017.8455131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054057662&doi=10.1109%2fCTCEEC.2017.8455131&partnerID=40&md5=dab31d365a4bbb93b9b08ebb6e2249b6	Conference Paper
Madhavi, C.H.R.	58679040800;	Estimation of spectral entropy of HRV data and its application to depression and thyroid subjects to predict cardiac risk	2018	Biomedical and Pharmacology Journal	11	3	1	10.13005/bpj/1532	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062973768&doi=10.13005%2fbpj%2f1532&partnerID=40&md5=3187dd5312f84fa721ea57b7ad303356	Article
Koppal, V.V., Melavanki, R.M., Kusanur, R.A., Patil, N.R.	55444679900;23061607900;650772790 4;35366935700;	Bimolecular fluorescence quenching reactions of the biologically active coumarin composite 2-acetyl-3H-benzo[f]chromen-3-one in different solvents	2018	Luminescence	33	6	19	10.1002/bio.3502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052995253&doi=10.1002%2fbio.3502&partnerID=40&md5=5cec641d4f1721e25c5f1e7ec4be7f36	Article

Ravishankar, S., Mahesh, A., Shushrutha, K.S., Singh, C.V.	57202125888;57028659000;56556976900;56420971000;	A Hybrid method of analysis for shaped dielectric lenses compared with measurement results	2018	IEEE MTT-S International Microwave and RF Conference, IMaRC 2017			2	10.1109/IMaRC.2017.8449675	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053861871&doi=10.1109%2fIMaRC.2017.844967 5&partnerID=40&md5=b223efe9e0b4f2b51bbd73a44e2921a4	Conference Paper
Karthikayini, T., Srinath, N.K.	57204027934;24492408800;	Comparative Polarity Analysis on Amazon Product Reviews Using Existing Machine Learning Algorithms	2018	2nd International Conference on Computational Systems and Information Technology			12	10.1109/CSITSS.2017.8447660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054153528&doi=10.1109%2fCSITSS.2017.8447660&partnerID=40&md5=b493bdab7eb9dd09fc049b7137e00baf	Conference Paper
Ramanathan, R., Kumaran, R., Ram Rohan, R., Gupta, R., Prabhu, V.	57204028937;57201993070;57204030911;57197760612;57194198735;	An Intelligent Music Player Based on Emotion Recognition	2018	2nd International Conference on Computational Systems and Information Technology			8	10.1109/CSITSS.2017.8447743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054152998&doi=10.1109%2fCSITSS.2017.8447743&partnerID=40&md5=56a59e98ddcba0f3d26650d2356eae22	Conference Paper

Navya, R., Rashmi, R., Kavya Darshana, M., Shankar, G.	57202950960;57521704500;57204031876;57189057949;	A Predictive Model for Analyzing Electric Consumption Patterns in Solar Photo Voltaic Micro Grid	2018	2nd International Conference on Computational Systems and Information Technology			2	10.1109/CSITSS.2017.8447856	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054150346&doi=10.1109%2fCSITSS.2017.8447856&partnerID=40&md5=5c8e2ac07540d86fa50b81c0ed3db8a5	Conference Paper
Patil, B.R., Moharir, M., Mohanty, P.K., Shobha, G., Sajeev, S.	57204028695;54419033000;57194181998;14829661100;57194185334;	Ostinato - A Powerful Traffic Generator	2018	2nd International Conference on Computational Systems and Information Technology			8	10.1109/CSITSS.2017.8447596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054150237&doi=10.1109%2fCSITSS.2017.8447596&partnerID=40&md5=8c47bbf43cb8dd7e6b432220addbff40	Conference Paper
Mohapatra, P., Koundinya, A.K.	57204027738;55180085600;	Ambulance Hub: A Cloud Based Solution for Ambulance Services	2018	2nd International Conference on Computational Systems and Information Technology			1	10.1109/CSITSS.2017.8447706	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054150236&doi=10.1109%2fCSITSS.2017.8447706&partnerID=40&md5=100ab004344d6893017c9993be496330	Conference Paper

Shabbeer, S.A., Meleet, M.	57204030363;57204031776;	Smart Helmet for Accident Detection and Notification	2018	2nd International Conference on Computational Systems and Information Technology for			14	10.1109/CSITSS.2017.8447702	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054150145&doi=10.1109%2fCSITSS.2017.8447702&partnerID=40&md5=052eb32acb43775b12e5933bcc479c39	Conference Paper
Patil, R.M., Srinivas, R., Rohith, Y., Vinay, N.R., Pratiba, D.	57204028909;56919347100;57204029112;57207633789;56125681000;	IoT Enabled Video Surveillance System Using Raspberry Pi	2018	2nd International Conference on Computational Systems and Information Technology for			11	10.1109/CSITSS.2017.8447877	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054147705&doi=10.1109%2fCSITSS.2017.8447877&partnerID=40&md5=587d5d354fc2e712a5d25c46233e16b5	Conference Paper
Sukeerthi, G., Sindhu, R., Rakesh, K.R.	57204030103;57524235500;57204032071;	Detection of Micro Aneurysm in Fundus Images for the Monitoring of Diabetic Retinopathy	2018	2nd International Conference on Computational Systems and Information Technology for			1	10.1109/CSITSS.2017.8447609	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054147254&doi=10.1109%2fCSITSS.2017.8447609&partnerID=40&md5=ff25fee3cd91dd99566e3c32725e882c	Conference Paper

Samrudh, K., Tusu, S., Shettar, R.	57204029136;57204028274;26422599700;	Urban Traffic Density Decongestion Using Neural Networks and Fuzzy Logic Techniques	2018	2nd International Conference on Computational Systems and Information Technology for				10.1109/CSITSS.2017.8447611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054145387&doi=10.1109%2fCSITSS.2017.8447611&partnerID=40&md5=b1a5f18d5ad9e786cbf766a712fef2cb	Conference Paper
Kalyur, S., Nagaraja, G.S.	57193062159;66033530464;	AIDE: An Interactive Environment for Program Transformation and Parallelization	2018	2nd International Conference on Computational Systems and Information Technology for			3	10.1109/CSITSS.2017.8447848	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054144733&doi=10.1109%2fCSITSS.2017.8447848&partnerID=40&md5=d7dba7b04ac1c770914b9c5462573559	Conference Paper
Manjesh, S., Kanakagiri, T., Vaishak, P., Chettiar, V., Shobha, G.	57204029375;57204030521;57204028706;57204030660;14829661100;	Clickbait Pattern Detection and Classification of News Headlines Using Natural Language Processing	2018	2nd International Conference on Computational Systems and Information Technology for			11	10.1109/CSITSS.2017.8447715	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054144378&doi=10.1109%2fCSITSS.2017.8447715&partnerID=40&md5=3306b796a2143d8bc722fe875faa8200	Conference Paper

Kumar, N., Sneha, Y.S., Mungara, J., Raghavendra Prasad, S.G.	57204032234;58909341700;35801060700;57204030366;	A Survey on Data Mining Methods Available for Recommendation System	2018	2nd International Conference on Computational Systems and Information Technology			16	10.1109/CSITSS.2017.8447672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054139125&doi=10.1109%2fCSITSS.2017.8447672&partnerID=40&md5=e7dc654b9147ebe3def2d115804ea0bd	Conference Paper
Rishabh, K., Angadi, K., Chegu, K., Harikrishna, D.S., Ramya, S.	57204029539;57204032621;57204032691;650674022 7;57204781630;	Analysis of Load Balancing Algorithm in Software Defined Networking	2018	2nd International Conference on Computational Systems and Information Technology			5	10.1109/CSITSS.2017.8447852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054137085&doi=10.1109%2fCSITSS.2017.8447852&partnerID=40&md5=9b02e6a21ec638bd2ba4d9065380924a	Conference Paper
Acharya, V., Hegde, V.V., Anjan, K., Manoj Kumar, M.	57204030223;57204031965;55180085600;58824103300;	IoT (Internet of Things) Based Efficiency Monitoring System for Bio-Gas Plants	2018	2nd International Conference on Computational Systems and Information Technology			9	10.1109/CSITSS.2017.8447567	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054136328&doi=10.1109%2fCSITSS.2017.8447567&partnerID=40&md5=01ffed9e97d7e29e97f85f5bdf21bc69	Conference Paper

Bhanuprakash, P., Nagaraja, G.S.	57204028919;66035304 64;	A Review on Churn Prediction Modeling in Telecom Environment	2018	2nd International Conference on Computational Systems and Information Technology for			3	10.1109/CSITSS.2017.8447617	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054136324&doi=10.1109%2fCSITSS.2017.8447617&partnerID=40&md5=4ff463e055c8c4a7a0467f407f0fa4fd	Conference Paper
Mubeen, S., Subramanya, K.N., Srinath, N.K.	57204029967;35753798900;24492408800;	Game Theoretic Approach for Selection of Retailers in B2B E-Commerce	2018	2nd International Conference on Computational Systems and Information Technology for			1	10.1109/CSITSS.2017.8447639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054135615&doi=10.1109%2fCSITSS.2017.8447639&partnerID=40&md5=3ef945579c6fe5a35ed0eaa0aa6c4bcc	Conference Paper
Shaikh, K.A., Karthik Bhat, A., Moharir, M.	57204031589;57204028560;54419033000;	A Survey on SSL Packet Structure	2018	2nd International Conference on Computational Systems and Information Technology for			2	10.1109/CSITSS.2017.8447634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054133919&doi=10.1109%2fCSITSS.2017.8447634&partnerID=40&md5=960f150a529c434e10c2347bfe93265a	Conference Paper

Kalyur, S., Nagaraja, G.S.	57193062159;66035304 64;	Concerto: A Program Parallelization, Orchestration and Distribution Infrastructure	2018	2nd International Conference on Computational Systems and Information Technology for			5	10.1109/CSITSS.2017.8447691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054133361&doi=10.1109%2fCSITSS.2017.8447691&partnerID=40&md5=9965d74536481d3e19af604f7b418251	Conference Paper
Bellutagi, G.S., Priya, D., Amith, M.	57204029568;57200147133;57204031469;	Indoor Navigation Using QR Code, Pedometer and IBeacon	2018	2nd International Conference on Computational Systems and Information Technology for			4	10.1109/CSITSS.2017.8447823	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054131821&doi=10.1109%2fCSITSS.2017.8447823&partnerID=40&md5=8d31215114eddb765da23c36ba157c7b	Conference Paper
Kulkarni, A., Kalburgi, D., Ghuli, P.	57204032454;57204031624;56125487700;	Design of Predictive Model for Healthcare Assistance Using Voice Recognition	2018	2nd International Conference on Computational Systems and Information Technology for			4	10.1109/CSITSS.2017.8447814	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054130664&doi=10.1109%2fCSITSS.2017.8447814&partnerID=40&md5=1d25e29eae3e34f9d3ae5af90a92e42f	Conference Paper

Madhura, U., Akshay, P., Bhattad, A.J., Nagaraja, G.	57204029789;58412992500;57204028995;660353046 4;	Soil Quality Management Using Wireless Sensor Network	2018	2nd International Conference on Computational Systems and Information Technology			7	10.1109/CSITSS.2017.8447860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054129021&doi=10.1109%2fCSITSS.2017.8447860&partnerID=40&md5=0d9a9e154227871d52d27df968188ce8	Conference Paper
Rao, K.H., Chandrakanth, N., Koundinya, A.K.	57204031726;57204029793;55180085600;	Secure Handshake Mechanism for Autonomous Flying Agents Using Robust Cryptosystem	2018	2nd International Conference on Computational Systems and Information Technology				10.1109/CSITSS.2017.8447729	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054128731&doi=10.1109%2fCSITSS.2017.8447729&partnerID=40&md5=9ae9c382299908123746a0a979a81eaa	Conference Paper
Sathyaprakash, B.P., Jayaprasad, M., Manjunath, M.	57204028791;57204027752;55175425300;	I-PAR: Improved Petal Ant Routing Algorithm for Mobile Ad-Hoc Networks	2018	2nd International Conference on Computational Systems and Information Technology			1	10.1109/CSITSS.2017.8447759	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054128584&doi=10.1109%2fCSITSS.2017.8447759&partnerID=40&md5=5b313d9f50b9c40c5ef2d69bea179c96	Conference Paper

Manu, B., Koundinya, A.K.	57212774204;55180085600;	Intrusion Tolerant Architecture for SDN Networks Through Flow Monitoring	2018	2nd International Conference on Computational Systems and Information Technology for			4	10.1109/CSITSS.2017.8447606	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054127290&doi=10.1109%2fCSITSS.2017.8447606&partnerID=40&md5=4952c136385f884721a0dccba14e2316	Conference Paper
Prapulla, S.B., Bhat, S.J., Shobha, G.	57193065088;57204029290;14829661100;	Framework for Detecting Metamorphic Malware Based on Opcode Feature Extraction	2018	2nd International Conference on Computational Systems and Information Technology for			2	10.1109/CSITSS.2017.8447810	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054126773&doi=10.1109%2fCSITSS.2017.8447810&partnerID=40&md5=08e8eddb5cd0cffab9c1af667b3eb883	Conference Paper
Koundinya, A.K., Sriranjini, K.S.	55180085600;57204031867;	An Insight in to Differential Entropy Analyzer (DEA) for Detecting Hybrid Covert Channel in Secured Communication	2018	2nd International Conference on Computational Systems and Information Technology for				10.1109/CSITSS.2017.8447875	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054124974&doi=10.1109%2fCSITSS.2017.8447875&partnerID=40&md5=37cc8d565a516567c979284b65b8d75f	Conference Paper

Keerthi Prasad, G., Hegde, V., Asha, K., Krishnappa, H.K.	55581135000;57204031965;57213123509;57188733713;	Handwriting Recognition System for South Indian Languages - A Technical Review	2018	2nd International Conference on Computational Systems and Information Technology for				10.1109/CSITSS.2017.8447710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054124799&doi=10.1109%2fCSITSS.2017.8447710&partnerID=40&md5=6e03eb2074734920926214e11e21b8525	Conference Paper
Nagaraj, K., Sridhar, A., Sharvani, G.S.	57200284206;57193230814;35293488200;	Identification of Network Communities and Assessment of Privacy Using Hybrid Algorithm	2018	2nd International Conference on Computational Systems and Information Technology for				10.1109/CSITSS.2017.8447688	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054124342&doi=10.1109%2fCSITSS.2017.8447688&partnerID=40&md5=815bc933b0074c146af8c93c5353049a	Conference Paper
Brindha, M., Jayapal, R., Anala, M.R.	57203838706;57191804655;55734811700;	Stability analysis of networked control system	2018	Proceedings - 2018 International Conference on Design Innovations for 3Cs Compute Communicate Control, ICDI3C			1	10.1109/ICDI3C.2018.00039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053134941&doi=10.1109%2fICDI3C.2018.00039&partnerID=40&md5=cef35529eaa0631da047ff9212182cce	Conference Paper

Dibbur Byrappa, S., Hegde, S.N., Rajan, M.A., Krishnappa, H.K.	57219360937;57203567086;24485554900;57188733713;	A novel task scheduling scheme for computational grids - Greedy approach	2018	Proceedings - International Conference on Advanced Information Networking and Application	#####		5	10.1109/AINA.2018.00149	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052314562&doi=10.1109%2fAINA.2018.00149&partnerID=40&md5=e0c0a75556887cb25189ddf165d1152d	Conference Paper
Sameera, P., Deshpande, A.A.	57210124167;57202899762;	Pomegranate Diseases and Detection using Sensors: A Review	2018	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018				10.1109/ICGCIoT.2018.8753062	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069450544&doi=10.1109%2fICGCIoT.2018.8753062&partnerID=40&md5=f4a6d70a4470e2f2752e7655b6ad93d6	Conference Paper
Subramanian, G., Kumar, G.S.S., Ravi, V., Sundaresan, N.R., Madras, G.	16425099100;57203154559;57192685383;15124246400;7005905149;	Photochemical detoxification of Cr(VI) using iron and saccharic acid: insights from cytotoxic and genotoxic assays	2018	Environmental Science: Water Research and Technology	4	8	6	10.1039/c8ew00216a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050750860&doi=10.1039%2fc8ew00216a&partnerID=40&md5=3d8fbea9a1bd8504164fd7c7f92363cd	Article

Bhavya, P., Melavanki, R., Kusanur, R., Sharma, K., Muttannavar, V.T., Naik, L.R.	57192250851;23061607900;650772 7904;5720199893 7;57201996958;8 669658500;	Effect of viscosity and dielectric constant variation on fractional fluorescence quenching analysis of coumarin dye in binary solvent mixtures	2018	Luminescence	33	5	26	10.1002/bio.3492	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046703680&doi=10.1002%2fbio.3492&partnerID=40&md5=1f4279e5ca5f907b60d624af92f3597a	Article
Lokesh, S., Mitta, S., Kalli, S.R., Sowmyarani, C.N., Sethia, S.	57522827800;572 08575938;572085 81652;555321060 00;57208575831;	Object Classification Based on Spatial Orientation Using Ultrasonic Sensors	2018	Proceedings - 2018 4th International Conference on Computing, Communication Control and			2	10.1109/ICCUBEA.2018.8697709	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065183493&doi=10.1109%2fICCUBEA.2018.8697709&partnerID=40&md5=52a98719ce1470f50b1cc10ecec55f62	Conference Paper
Mohana, Ravish Aradhya, H.V.	57113679700;556 16592800;	Simulation of object detection algorithms for video survillance applications	2018	Proceedings of the International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) I			20	10.1109/I-SMAC.2018.8653665	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063546279&doi=10.1109%2fI-SMAC.2018.8653665&partnerID=40&md5=94bff6480bad79c4c27f99b65343896f	Conference Paper

Krishna, C.V., Rohit, H.R., Mohana	57208000936;57216411620;57113679700;	A review of artificial intelligence methods for data science and data analytics: Applications and research challenges	2018	Proceedings of the International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) I			34	10.1109/I-SMAC.2018.8653670	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063426567&doi=10.1109%2fI-SMAC.2018.8653670&partnerID=40&md5=dd0410eb8c26c00985d40e8c0e71a8cd	Conference Paper
Uttam, R., Arabi, S., Mantri, A., Rakhecha, S.	57210791826;57207938769;57207926215;57207935923;	Evaluation of Performance of Cloud Based Neural Network Models on Arrhythmia Classification	2018	Proceedings - 7th IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2018				10.1109/CCEM.2018.00013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063282116&doi=10.1109%2fCCEM.2018.00013&partnerID=40&md5=de57a99cf8afa12aafedf5c3c3f2cea7	Conference Paper
Anala, M.R., Dash, D.	55734811700;57207770367;	Framework for automatic parallelization	2018	Proceedings - 25th IEEE International Conference on High Performance Computing Workshops HiPCW			2	10.1109/HiPCW.2018.8634283	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062836120&doi=10.1109%2fHiPCW.2018.8634283&partnerID=40&md5=1697a0f769c7068821c54506a0be359a	Conference Paper

Ashoka, S.B., Manjunath, M., Hanumanthappa, M.	57225280449;55175425300;36606066600;	Performance Analysis of Petal Ant Routing (PAR) and Dynamic Source Routing (DSR) in MANET Using Network Simulator (NS2)	2018	Proceedings of the 2nd World Conference on Smart Trends in Systems, Security and Sustainability, WorldS4 2018			4	10.1109/WorldS4.2018.8611474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062108115&doi=10.1109%2fWorldS4.2018.861174&partnerID=40&md5=512daea8349752b9e3dba124ec1930d7	Conference Paper
Uttara Kumari, M., Koushik, A.S., Prasanna, D.	55340461500;57217802075;57210979109;	An Improved Radar target tracking system using fusion algorithm of Kalman and Particle filters	2018	2018 International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering			3	10.1109/ICRIEECE44171.2018.9009181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081970511&doi=10.1109%2fICRIEECE44171.2018.9009181&partnerID=40&md5=826ed66bb5248768925cbba4d8488ace	Conference Paper
Srividya, P., Sankonatti, J.	55842449800;57215823553;	Fault Monitoring System for Photovoltaic Modules in Solar Panels using LabVIEW	2018	2018 International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering			1	10.1109/ICRIEECE44171.2018.9009282	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081970380&doi=10.1109%2fICRIEECE44171.2018.9009282&partnerID=40&md5=8d215f686ec1d066de21ff6a7beac494	Conference Paper

Gogi, V.J., Vijayalakshmi, M.M.	57215815554;57200630505;	Prognosis of Liver Disease: Using Machine Learning Algorithms	2018	2018 International Conference on Recent Innovations in Electrical, Electronics and Communication			18	10.1109/ICRIEECE44171.2018.9008482	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081956590&doi=10.1109%2fICRIEECE44171.2018.9008482&partnerID=40&md5=801aee5f806c36dc0371fd93119c1f7b	Conference Paper
Srividya, P.	55842449800;	Finfet based Frequency Divider Design Using True Single Phase Clock Technique	2018	2018 International Conference on Recent Innovations in Electrical, Electronics and Communication				10.1109/ICRIEECE44171.2018.9008856	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081954994&doi=10.1109%2fICRIEECE44171.2018.9008856&partnerID=40&md5=0ffb6b8e0a0ccd49a624b13cbbaaebd4	Conference Paper
Venugopal, P., Gupta, P.K.	56585501100;56608493300;	Identification and diagnosis of risk factors and symptoms for rheumatic heart disease	2018	Journal of Cardiovascular Disease Research	9	3	4	10.5530/jcdr.2018.3.26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055437423&doi=10.5530%2fjcdr.2018.3.26&partnerID=40&md5=c95fe30f8408920522dd14a474838c5c	Review

Hegde, S.B., Sathish Babu, B., Venkatram, P.	56537879700;57304737200;57203168857;	A dynamic security scheme for oppnets using cognitive computing	2018	International Journal of Mobile Computing and Multimedia Communications	9	3	5	10.4018/IJMCMC.2018070102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050826222&doi=10.4018%2fIJMCMC.2018070102&partnerID=40&md5=f67a85d6f2bac3a1e85ba679a524b15c	Article
Anarghya, A., Harshith, D.N., Rao, N., Nayak, N.S., Gurumurthy, B.M., Abhishek, V.N., Patil, I.G.S.	57200292567;57200505675;56525451600;71016062111;56989656700;57200295603;57223357359;	Thrust and torque force analysis in the drilling of aramid fibre-reinforced composite laminates using RSM and MLPNN-GA	2018	Heliyon	4	7	32	10.1016/j.heliyon.2018.e00703	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050697530&doi=10.1016%2fj.heliyon.2018.e00703&partnerID=40&md5=3a03811e34c4f04103fca3dbb65e6700	Article
Jyothi, R., Cholli, N.G.	57217846040;57202086135;	A secure data aggregation technique for wireless sensor networks using iterative filtering	2018	Indonesian Journal of Electrical Engineering and Computer Science	11	1	2	10.11591/ijeecs.v11.i1.pp284-293	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047125593&doi=10.11591%2fijeecs.v11.i1.pp284-293&partnerID=40&md5=6f0bd18a7da53a4f92dfc0515d9a67e9	Article

Guduru, K.K., Usha, J.	56538498200;55941122900;	Reliable Session Initiation Protocol (RSIP) signaling with UDP transport using piggybacking method	2018	Telecommunication Systems	68	3	3	10.1007/s11235-017-0406-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033468454&doi=10.1007%2fs11235-017-0406-0&partnerID=40&md5=53c8ca5dd46910bc48b6b0ff3774c9ec	Article
Anirudh Sharma, C.A., Karthik Sai Vishnu Kumar, A.S., Prasad, A., Begum, R., Sharvani, G.S., Manjunath, A.E.	57202988694;57202990527;57192654429;57202980534;35293488200;56419667000;	Multifaceted bio-medical applications of exoskeleton: A review	2018	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018			6	10.1109/ICISC.2018.8399053	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050141059&doi=10.1109%2fICISC.2018.8399053&partnerID=40&md5=d0e622b03548621f50e2e5647666bd2a	Conference Paper
Designs, R., Bhargav, J., Shourya, T.R., Anantharaman, A., Chinmay, C., Rao, K.U., Salanke, G.R.	57202982045;57202434401;57202978078;57202979237;57202988360;55792251700;55816940900;	Parametrics for the choice of embedded systems and control algorithms for application specific	2018	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018			4	10.1109/ICISC.2018.8398968	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050133550&doi=10.1109%2fICISC.2018.8398968&partnerID=40&md5=f92dd3eb6e22675d89cf5debc40eb795	Conference Paper

Kulkarni, R.S., Rohit, B., Lokanatha, V., Lokesh, C.	57214796765;57194344077;57202940018;57214260636;	Understanding boundary layer suction and its e ect on wings - A review	2018	IOP Conference Series: Materials Science and Engineering	376	1	1	10.1088/1757-899X/376/1/012030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049921367&doi=10.1088%2f1757-899X%2f376%2f1%2f012030&partnerID=40&md5=3fda6c451d70e8aec65b05ec0106df6f	Conference Paper
Nagaraju, N.B., Gowda, P.D., Aishwarya, S., Rohit, B.	57202942767;57202944233;57202949879;57194344077;	Structural behavior of non-prismatic mono-symmetric beam	2018	IOP Conference Series: Materials Science and Engineering	376	1		10.1088/1757-899X/376/1/012111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049900732&doi=10.1088%2f1757-899X%2f376%2f1%2f012111&partnerID=40&md5=9f5e6a755e3fe4e1941ceb14c78d0f50	Conference Paper
Amith, V., Sridhar, R., Angadi, G., Narashima Murthy, H.N.	56125698800;57189034887;57200842568;57202944904;	Synthesis and Characterization of Polyvinylpyrrolidone(PVP) Nanofibrous Thin Films	2018	IOP Conference Series: Materials Science and Engineering	376	1	2	10.1088/1757-899X/376/1/012139	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049900083&doi=10.1088%2f1757-899X%2f376%2f1%2f012139&partnerID=40&md5=3f8b3c9564f890720611b371cfe16018	Conference Paper

Naolekar, A.C., Thakur, A.S.	6508246574;36997591800;	Euler classes of vector bundles over iterated suspensions of real projective spaces	2018	Mathematica Slovaca	68	3	2	10.1515/ms-2017-0134	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047837857&doi=10.1515%2fms-2017-0134&partnerID=40&md5=49bc383dbb07bd4f336460c6abea0db7	Article
Lakshmi, T.V., Ramesh, K.B., Niranjan, V., Shetty, A.J., Monica, N., Rao, A.	57524933200;57210711669;660323465 6;583794844000;57203017293;57203023466;	Design of a state-machine based genomic simulator and development of a system for prediction of Rheumatoid Arthritis (RA) using signal processing techniques	2018	2nd International Conference on Circuits, Controls, and Communications, CCUBE 2017 - Proceedings				10.1109/CCUBE.2017.8394131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050305428&doi=10.1109%2fCCUBE.2017.8394131&partnerID=40&md5=6d3a1e5f3d61d3780ee897bc2543672f	Conference Paper
Vijapur, P.R., Karbari, S.R., Shireesha, G.	57203018719;57203020105;57203014704;	MEMS capacitive humidity sensor with plate array structure using polyimide sensing layer	2018	2nd International Conference on Circuits, Controls, and Communications, CCUBE 2017 - Proceedings				10.1109/CCUBE.2017.8394165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050299552&doi=10.1109%2fCCUBE.2017.8394165&partnerID=40&md5=58c8529e596f5c40bd6ca5a70d5384b3	Conference Paper

Fawad, I., Kumaraswamy, H.V.	57203013420;24534870500;	Performance analysis of non uniform linear arrays using MUSIC algorithm for under water communication	2018	2nd International Conference on Circuits, Controls, and Communications, CCUBE 2017 - Proceedings				10.1109/CCUBE.2017.8394132	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050299301&doi=10.1109%2fCCUBE.2017.8394132&partnerID=40&md5=d7b9417994de45768a69d64ff5b729a5	Conference Paper
Thomas, L., Kiran, V.	57202980345;57264437000;	Timing convergence techniques in digital VLSI designs	2018	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017			2	10.1109/ICPCSI.2017.8392249	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050156130&doi=10.1109%2fICPCSI.2017.8392249&partnerID=40&md5=c7d59d0760701662f9cc3bc2601daa93	Conference Paper
Shah, R.S., Shah, R.S., Kumar, A.L., Abhijith, S., Badiger, S.D.	57202981149;57202981147;58737037500;58885423500;57201858706;	Footstep detection using Laplacian distribution	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017			3	10.1109/ICECDS.2017.8389553	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050143137&doi=10.1109%2fICECDS.2017.8389553&partnerID=40&md5=0952522dd6d637df7e961e455a4b7bc3	Conference Paper

Lalitha, V.P., Sagar, M.Y., Sharanappa, S., Hanji, S., Swarup, R.	58497515600;57202985279;57202985613;57202992323;57202985816;	Data security in cloud	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017			7	10.1109/ICECDS.2017.8390134	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050125863&doi=10.1109%2fICECDS.2017.8390134&partnerID=40&md5=6520b950a4d58b76d8ee637cec8fbb38	Conference Paper
Sangannavar, A., Reddy, K.V.	57202991722;57216412900;	PAPR optimization in MIMO-OFDM system for WiMAX	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017			3	10.1109/ICECDS.2017.8389508	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050114267&doi=10.1109%2fICECDS.2017.8389508&partnerID=40&md5=1b8f801d47c67a1dbbc1f86f921326f8	Conference Paper
Malakanagouda, B.B., Harisha, S.K.	57202979164;57201184970;	PLC based automation of test rig for brake actuators	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017				10.1109/ICECDS.2017.8389639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050111141&doi=10.1109%2fICECDS.2017.8389639&partnerID=40&md5=c9ede32ff8ceb28010e3f2e0af23cff4	Conference Paper

Sunithkumar, H.G., Vinayagam, N., Harisha, S.K., Manjunath, H.	57202978611;57202984775;57201184970;57540622600;	Design of IoT based smart shop floor-an exploratory case study	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017			1	10.1109/ICECDS.2017.8389638	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050090899&doi=10.1109%2fICECDS.2017.8389638&partnerID=40&md5=09c040605d2bd478176305c9bb282bb7	Conference Paper
Kowcika, A.	57202979018;	People count from the crowd using unsupervised learning technique from low resolution surveillance videos	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017				10.1109/ICECDS.2017.8389919	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050071613&doi=10.1109%2fICECDS.2017.8389919&partnerID=40&md5=96c606363577d6dce1366092fad93b6b	Conference Paper
Swamy, S.N., Sowmyarani, C.N.	57208305262;55532106000;	Repeated data management framework for IoT: A case study on weather monitoring and forecasting	2018	Proceedings of the 4th IEEE International Conference on Recent Advances in Information Technology RAIT			4	10.1109/RAIT.2018.8389046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050008584&doi=10.1109%2fRAIT.2018.8389046&partnerID=40&md5=c55bdbe8a725dc1544dd44df3eae583b	Conference Paper

Panda, B., Ray, R.K., Kumar, R.	36772454800;35595229300;58018886400;	Characteristics of Thin Cu Films Electrodeposited on Textured Ni-Co Substrates	2018	IOP Conference Series: Materials Science and Engineering	375	1		10.1088/1757-899X/375/1/012004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049387832&doi=10.1088%2f1757-899X%2f375%2f1%2f012004&partnerID=40&md5=4c85c144a0e9684044fd606662502	Conference Paper
Srivani, S.G., Vyas, U.B.	26422586800;57195516085;	Fault detection of switches in multilevel inverter using wavelet and neural network	2018	2017 7th International Conference on Power Systems, ICPS 2017			4	10.1109/ICPES.2017.8387284	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049880862&doi=10.1109%2fICPES.2017.8387284&partnerID=40&md5=9ba8ba02ae216ed0f46894815101635d	Conference Paper
Koppal, V.V., Melavanki, R.M., Kusanur, R.A., Bhavya, P., Patil, N.R.	55444679900;23061607900;650772790 4;57192250851;35366935700;	A role of solvent polarity on bimolecular quenching reactions of 3-acetyl-7-(diethylamino)-2H-chromen-2-one in binary solvent mixtures	2018	Journal of Molecular Liquids	260		20	10.1016/j.molliq.2018.02.094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044576407&doi=10.1016%2fj.molliq.2018.02.094&partnerID=40&md5=e0b78ddc5159ecaef0747576a1b08588	Article

Shah, D.P., Shah, P.G.	57202957957;36010126700;	Revisting of elliptical curve cryptography for securing Internet of Things (IOT)	2018	2018 Advances in Science and Engineering Technology International Conferences, ASET 2018			19	10.1109/ICASET.2018.8376830	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050006021&doi=10.1109%2fICASET.2018.8376830&partnerID=40&md5=697979a8d08028866b9e5d9cdd7955f5	Conference Paper
Anupama, H.S., Anusha, M., Joshi, A., Apoorva, N., Cauvery, N.K., Lingaraju, G.M.	56538607800;57209676710;57207733682;55574484400;35291528300;55175016900;	Security solutions using brain signals	2018	IAES International Journal of Artificial Intelligence	7	2	1	10.11591/ijai.v7.i2.pp105-110	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062789419&doi=10.11591%2fijai.v7.i2.pp105-110&partnerID=40&md5=00eaeade49632fdf689f334689312cc1	Article
Dutta, B., Sinha, P.K.	36933713500;57203097603;	A bibliometric analysis of automatic and semi-automatic ontology construction processes	2018	Annals of Library and Information Studies	65	2	5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050504772&partnerID=40&md5=45e6ed2b58eb180d83c34452d8a0afad	Article

Shreyas, S.V.M., Dore, S., Nataraj, J.R., Kulkarani, R.S.	57202982403;57202985258;56030739000;57202991527;	Performance studies of custom continuously variable transmission for all-terrain vehicle applications	2018	Journal of Engineering Science and Technology	13	6	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050140090&partnerID=40&md5=29a8e19841c6b37ea14cb853dc4ff728	Article
Nandini, R.N., Krishna, M., Suresh, A.V., Narasimha Rao, K.	57204658287;8142901200;54419177200;6603853878;	Effect of calcination kinetics and microwave sintering parameters on dielectric and peizo-electric properties of (K0.5Na0.5) NBO3 ceramics	2018	Iranian Journal of Materials Science and Engineering	15	2	7	10.22068/ijmse.15.2.14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047424312&doi=10.22068%2fijmse.15.2.14&partnerID=40&md5=78557d8458df0cc9cfaeeb9c76d40fb3	Article
Chokhani, A., Divakar, B.S., Jawalgi, A.S., Renukadevi, M.V., Jagadish, K.S.	57202156898;57212211341;55832492400;57202150127;6701457776;	Properties of Fly Ash Blocks Made from Adobe Mould	2018	Journal of The Institution of Engineers (India): Series A	99	2	1	10.1007/s40030-018-0280-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047339200&doi=10.1007%2fs40030-018-0280-0&partnerID=40&md5=7895f174fc8aaba7a255851b4c79a8a0	Article

Singh, M., Telukunta, V., Srivani, S.G.	55469458800;56724278200;26422586800;	Enhanced real time coordination of distance and user defined over current relays	2018	International Journal of Electrical Power and Energy Systems	98		33	10.1016/j.ijepes.2017.12.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039699421&doi=10.1016%2fj.ijepes.2017.12.018&partnerID=40&md5=f11745e6363ceab925dd343d939ba756	Article
Madhusudan, P., Bhargav, J.	57202116085;57202434401;	Subsystem simplification of SQUID magnetometer based magnetoencephalogram using application specific integrated circuits	2018	Proceedings of the International Conference on Inventive Computing and Informatics, ICICI 2017				10.1109/ICICI.2017.8365210	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048346724&doi=10.1109%2fICICI.2017.8365210&partnerID=40&md5=317b70381aa2e6346a3cd8bd47d76e90	Conference Paper
Madhusudan, P., Bhargav, J.	57202116085;57202434401;	Novel ASICs for tree-health monitoring	2018	Proceedings of the International Conference on Inventive Computing and Informatics, ICICI 2017			1	10.1109/ICICI.2017.8365211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048337679&doi=10.1109%2fICICI.2017.8365211&partnerID=40&md5=605a713b0867948885ca39afac792d09	Conference Paper

Madhusudan, P., Bhargav, J.	57202116085;57202434401;	Electronic micro-total analysis system for rapid blood count using special purpose fluid-electric hybrid integrated circuits	2018	Proceedings of the International Conference on Inventive Computing and Informatics, ICICI 2017				10.1109/ICICI.2017.8365212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048317532&doi=10.1109%2fICICI.2017.8365212&partnerID=40&md5=eade5193e6b532c855bb904eb16aa58f	Conference Paper
Sangeetha, B.G., Shylashree, N.	55250365000;56045640200;	Electrical studies of Ge4Sb1Te5 devices for memory applications	2018	AIP Conference Proceedings	1966		2	10.1063/1.5038710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047807553&doi=10.1063%2f1.5038710&partnerID=40&md5=ac40ef6633371124e21f0d9e0e41ccba	Conference Paper
Kumari, S., Chaudhary, T., Chandran, V., Lokeshwari, M., Shastry, K.	57188770334;57202308578;57202300188;36717811400;56512038300;	Carbon-electroluminescence: An organic approach to lighting	2018	AIP Conference Proceedings	1966		1	10.1063/1.5038697	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047806707&doi=10.1063%2f1.5038697&partnerID=40&md5=cfe565fced9525daf5141164e366a7ac	Conference Paper

Gupta, S., Bonageri, S., Achar, S.K., Menon, A., Basavaraja, R.J.	57226094629;57202301737;57223801732;57202307176;56471840100;	Synthesis of porous graphene powder through improved Hummers' method	2018	AIP Conference Proceedings	1966			10.1063/1.5038693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047786769&doi=10.1063%2f1.5038693&partnerID=40&md5=2377a8b555aeee8e32f214d88bbf762b	Conference Paper
Karbari Sudha, R., Uttara, K., Pasha Roshan, C., Gowda Vikas, K.	57203020105;57202302499;57202310587;57202300243;	Design and analysis of serpentine based MEMS accelerometer	2018	AIP Conference Proceedings	1966		7	10.1063/1.5038705	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047784845&doi=10.1063%2f1.5038705&partnerID=40&md5=588665a94bde753687133c00c69215c6	Conference Paper
Shylashree, N., Uma, B.V., Dhanush, S., Abachi, S., Nisarga, A., Aashith, K., Sangeetha, B.G.	56045640200;55130921800;58478877900;57202311002;57202302075;57202305894;55250365000;	Preparation and characterization of Sb2Se3 devices for memory applications	2018	AIP Conference Proceedings	1966		4	10.1063/1.5038711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047782799&doi=10.1063%2f1.5038711&partnerID=40&md5=0f689587bf60a08a52533c2a3a595a0f	Conference Paper

Chetanraj, K.Y., Shushrutha, K.S., Phani, A.R., Naveen, C.S.	57202362759;56556976900;70040475571;54397395700;	The design of active RFID for food quality and safety sensors	2018	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017			6	10.1109/SmartTechCon.2017.8358544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048059361&doi=10.1109%2fSmartTechCon.2017.8358544&partnerID=40&md5=fdaafe3fc2215e8b530602d5fb39314d	Conference Paper
Rohini, R., Ramavenkateswaran, N.	58766857100;57200086547;	Vehicle state estimator for urban autonomous solution POC	2018	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017				10.1109/SmartTechCon.2017.8358538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048056681&doi=10.1109%2fSmartTechCon.2017.8358538&partnerID=40&md5=a1fdaf18e8b3eee59478d3326f450b94	Conference Paper
Chayapathy, V., Anitha, G.S., Sharath, B.	54917536500;57204648570;57212689001;	IOT based home automation by using personal assistant	2018	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017			15	10.1109/SmartTechCon.2017.8358401	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048054646&doi=10.1109%2fSmartTechCon.2017.8358401&partnerID=40&md5=d226ccc6ad91f3d377f54e565807973f	Conference Paper

Hiremath, S., Mathad, A., Hosur, A., Koppad, D.	24472958900;57202371719;56584513800;56372861300;	Design of low power standard cells using full swing gate diffusion input	2018	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017			7	10.1109/SmartTechCon.2017.8358510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048054091&doi=10.1109%2fSmartTechCon.2017.8358510&partnerID=40&md5=33a54fa9b37b6f8d5ae11cce5043b098	Conference Paper
Kittali, R.M., Sheeparamatti, B.G., Sheeparamatti, A.	57195075407;13805600200;57195360100;	Modeling and analysis of MEMS based acclerometer in Simulink	2018	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017				10.1109/SmartTechCon.2017.8358442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048047567&doi=10.1109%2fSmartTechCon.2017.8358442&partnerID=40&md5=50eb983210aca147b8c13b205eab386d	Conference Paper
Jaya Prakash, S.R., Hiremath, S.S.	57202361336;24472958900;	Dual loop clock duty cycle corrector for high speed serial interface	2018	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017			4	10.1109/SmartTechCon.2017.8358509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048031680&doi=10.1109%2fSmartTechCon.2017.8358509&partnerID=40&md5=cfc107d4043293f52054ff74192b0e18	Conference Paper

Bala Maalinii, G., Jatti, A.	57202371755;55580963900;	Data-driven motion correction for human head in computed tomography	2018	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017				10.1109/SmartTechCon.2017.8358477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048030604&doi=10.1109%2fSmartTechCon.2017.8358477&partnerID=40&md5=d1c1433435b00e5a317366a02588dabf	Conference Paper
Giluka, M.K., Priyadarshi, T., Kumar, S., Franklin, A.A., Tamma, B.R.	46661675100;57200640951;57211840596;23967774300;24722180500;	An enhanced EAB algorithm to reduce RACH congestion due to IoT traffic in LTE-A networks	2018	IEEE World Forum on Internet of Things, WF-IoT 2018 - Proceedings	#####		3	10.1109/WF-IoT.2018.8355156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050469287&doi=10.1109%2fWF-IoT.2018.8355156&partnerID=40&md5=54a32c5ba5eb73ba41fa1e3784fc9ea2	Conference Paper
Singh, B., Jasmine, K.S.	56457018300;24476266900;	Security management in mobile cloud computing: Security and privacy issues and solutions in mobile cloud computing	2018	Cyber Security and Threats: Concepts, Methodologies, Tools, and Applications			1	10.4018/978-1-5225-5634-3.ch050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049639462&doi=10.4018%2f978-1-5225-5634-3.ch050&partnerID=40&md5=d1023ff8b02a639ec5735c59a5743c37	Book Chapter

Supreem, H., Mahalakshmi, M.N.	57215743940;57213573555;	Performance analysis of coherent optical OFDM in FSO communication system	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			1	10.1109/RTEICT42901.2018.9012297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081790791&doi=10.1109%2fRTEICT42901.2018.9012297&partnerID=40&md5=fe4f8b14b0fc8252502a33537dadd1d4	Conference Paper
Poornima, P., Roja Reddy, B., Anantha Murthy, B.G.	57214281010;15754415500;57200800836;	Design and simulation of two-chain monopulse receiver for IFF radar application	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			4	10.1109/RTEICT42901.2018.9012646	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081790771&doi=10.1109%2fRTEICT42901.2018.9012646&partnerID=40&md5=b6a5c4ae8560d059b5c02a4ab88d41f6	Conference Paper
Nithyashree, S., Chandu, Y.	57204898163;57201856847;	Design of an efficient vedic binary squaring circuit	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			2	10.1109/RTEICT42901.2018.9012469	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081790403&doi=10.1109%2fRTEICT42901.2018.9012469&partnerID=40&md5=6f6ed2c1321aea9580221e1d6c546505	Conference Paper

Ganesh Prasad, J., Karbari, S.R., Ammikkallingal, S., Bellal, S.K.	12806680800;57203020105;57215744392;57215744043;	Analysis, physical design and power optimization of design block at lower technology node	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012556	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081790366&doi=10.1109%2fRTEICT42901.2018.9012556&partnerID=40&md5=be037905ed7baadba28402e46c98489c	Conference Paper
Dharani, A., Mathew, D.	54383109800;57527261100;	Machine learning approaches for online algorithm training experience	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012482	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081790233&doi=10.1109%2fRTEICT42901.2018.9012482&partnerID=40&md5=28cd9005e723a28951403e0d074604bd	Conference Paper
Agrawal, A., Mahalakshmi, M.N., Puthren, P.R., Badageri, N.	57210533571;57213573555;57205481925;57215744167;	Performance evaluation of OFDM based radio-over-fiber transmission systems	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			1	10.1109/RTEICT42901.2018.9012498	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081790184&doi=10.1109%2fRTEICT42901.2018.9012498&partnerID=40&md5=ca57e1cc9d4fa53b43c15048bfc897b7	Conference Paper

Divya, P.A., Hiremath, S.	57213628361;24472958900;	A novel match-line sensing technique for low power CAM array	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012506	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789943&doi=10.1109%2fRTEICT42901.2018.9012506&partnerID=40&md5=3ce3e5fd4712be202dc9cd32b60f51bd	Conference Paper
Ajay Kumar, G.C., Bagewadi, S.N., Kariyappa, B.S.	57215744109;57215743384;35102416500;	Static low-power 17T true single phase clocking flip-flop based on logic structure optimization	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			1	10.1109/RTEICT42901.2018.9012588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789904&doi=10.1109%2fRTEICT42901.2018.9012588&partnerID=40&md5=646ce394740f7b9995dc430b4bbcb0dd	Conference Paper
Pooja, K.S., Aradhya, H.V.R.	57193572067;55616592800;	Design and implementation of low power 6:3 Fast counter based on symmetric stacking	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789608&doi=10.1109%2fRTEICT42901.2018.9012150&partnerID=40&md5=61a4f98fe8d3e0194da92d740615e35e	Conference Paper

Meti, S.S., Kariyappa, B.S.	57200993215;35102416500;	Performance analysis of integrated ADC DAC with PLL for future communication systems	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			1	10.1109/RTEICT42901.2018.9012128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789571&doi=10.1109%2fRTEICT42901.2018.9012128&partnerID=40&md5=536454916f005a6f9e6910cad849e30e	Conference Paper
Pooja, V.G., Premananda, B.S., Ramesh, G.S.	57217975334;37091407700;57215744350;	Design of compact vedic multiplier for high performance circuits	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			10	10.1109/RTEICT42901.2018.9012654	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789486&doi=10.1109%2fRTEICT42901.2018.9012654&partnerID=40&md5=c3de4901b4f9d1459dfecb1141d20a2b	Conference Paper
Shilpa, R., Achar, P.E., Roja, M., Sindu, G.R., Kariyappa, B.	58287712700;57215743909;57215744089;57215743862;35102416500;	Design and comparitive analysis of memristor and magnetic tunnel junction (MTJ) based non-volatile SRAM cell	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication				10.1109/RTEICT42901.2018.9012346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789157&doi=10.1109%2fRTEICT42901.2018.9012346&partnerID=40&md5=1878cd4e49987b862c406dcd0064a587	Conference Paper

Ranjitha, H.V., Hiremath, S., Langadi, S.G.	57201853721;24472958900;57215744164;	RTL power estimation: Early design cycle approach for SoC power sign-off	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			4	10.1109/RTEICT42901.2018.9012412	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789092&doi=10.1109%2fRTEICT42901.2018.9012412&partnerID=40&md5=922072e9988ecc7a5420518e9b0ed447	Conference Paper
Pooja, K.S., Krishnakumar, S., Aradhya, H.V.R.	57193572067;57215743632;55616592800;	Verification of interconnection IP for automobile applications using system verilog and UVM	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			3	10.1109/RTEICT42901.2018.9012309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081789005&doi=10.1109%2fRTEICT42901.2018.9012309&partnerID=40&md5=e462ef101c3d95f451fe4bb4d8da1bc3	Conference Paper
Gaurav, S., Atreya, A.	57215744341;57215744072;	On the performance of turbo codes based on consultative committee for space data systems standard	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication				10.1109/RTEICT42901.2018.9012526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081788936&doi=10.1109%2fRTEICT42901.2018.9012526&partnerID=40&md5=27e9fa78b73a8c023ae9f74a9ded4325	Conference Paper

Inamdar, A.P., Shadab, S., Ravish Aradhya, H.V.	57201852408;57840969900;55616592800;	Optimization of test register access time for next generation SoCs	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			1	10.1109/RTEICT42901.2018.9012237	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081788236&doi=10.1109%2fRTEICT42901.2018.9012237&partnerID=40&md5=efe6e7e88988eae15f02545193d062ab	Conference Paper
Inamdar, A.P., Ravish Aradhya, H.V.	57201852408;55616592800;	Low power single bit-line power-gated SRAM	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication				10.1109/RTEICT42901.2018.9012552	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081788125&doi=10.1109%2fRTEICT42901.2018.9012552&partnerID=40&md5=9cf6e8ab62ee56eb4760a2d579385bdb	Conference Paper
Vijapur, P.R., Uma, B.V.	57203018719;55130921800;	Single ended schmitt trigger based 13T static random access memory using FinFETs	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			1	10.1109/RTEICT42901.2018.9012514	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081788096&doi=10.1109%2fRTEICT42901.2018.9012514&partnerID=40&md5=0104b51f26e14a00dc8dfe8fdeaf2a0e	Conference Paper

Pragathi, L.V., Divyashree, S., Rani, S., Vaibhavi, G., Sandya, H.B.	57215743586;57215744264;57215743817;57215744032;56242356700;	Electronic walking stick for blind person	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081787720&doi=10.1109%2fRTEICT42901.2018.9012360&partnerID=40&md5=f3381d834730c75876278a669a712524	Conference Paper
Ranjitha, H.V., Hiremath, S.	57201853721;24472958900;	Low power design and implementation of multi-output carry look-ahead adder	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			2	10.1109/RTEICT42901.2018.9012561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081787704&doi=10.1109%2fRTEICT42901.2018.9012561&partnerID=40&md5=be64cd8b5043775f6b8c94939b669a2e	Conference Paper
Kalaivani, K., Kavyashree, M., Kiran, V., Nagaraj, V.	57215762719;57215537196;57264437000;35146495100;	A novel 6LowPan-IPv6 based header compression algorithm for enhancement of the QoS parameter	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012122	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081787661&doi=10.1109%2fRTEICT42901.2018.9012122&partnerID=40&md5=5045fbfaf190831de16cd771fb223edf	Conference Paper

Shavanthi, L., Nagamani, K., Sandya, H.B.	6504502223;57218872766;56242356700;	Implementation of DVB standards using software-defined radio	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			4	10.1109/RTEICT42901.2018.9012564	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081787546&doi=10.1109%2fRTEICT42901.2018.9012564&partnerID=40&md5=5e51424e07e83b29d41d4289d5c70922	Conference Paper
Chowdhary, C.C., Sreelakshmi, K.	57201945520;57297644300;	GaN HEMT based doherty power amplifier with network matching optimization technique for 2.4GHz	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			4	10.1109/RTEICT42901.2018.9012453	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081787408&doi=10.1109%2fRTEICT42901.2018.9012453&partnerID=40&md5=a6928e5d261a9a9c75a2031d2b378c7f	Conference Paper
Sanjana, S., Lakshmeesha, D.D., Bhagya, R.	57191366063;57215743924;57200210743;	Development and enhancement of CFR estimate in WLAN and testing in Vector Signal Transceiver	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			1	10.1109/RTEICT42901.2018.9012152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081787304&doi=10.1109%2fRTEICT42901.2018.9012152&partnerID=40&md5=1338e97eef4d544390830e5673fdbf83	Conference Paper

Kavyashree, B.S., Padma, U.	57215744279;57201863706;	Implementation of VoIP systems by replacing EPABX voice system	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081787238&doi=10.1109%2fRTEICT42901.2018.9012639&partnerID=40&md5=07587c2d500ad9d3359d35dea664e50f	Conference Paper
Vinutha, K.M., Nagaraju, P.	57215743850;57202905578;	Design and implementation of dual band microstrip yagi-uda array	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic				10.1109/RTEICT42901.2018.9012289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081786635&doi=10.1109%2fRTEICT42901.2018.9012289&partnerID=40&md5=b228a073dfa02ac916b291c03d50f2f6	Conference Paper
Pruthvija, B., Ojashwini, R.N., Ranjani, G.	57215744371;57215743858;57189234085;	Simulation of low area and high speed nine port network-on-chip router architecture	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communic			1	10.1109/RTEICT42901.2018.9012247	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081786392&doi=10.1109%2fRTEICT42901.2018.9012247&partnerID=40&md5=126be6c1fe4c4921cbb37a1cde8624df	Conference Paper

Hemanth Kumar, C.S., Kariyappa, B.S.	57202624089;35102416500;	Design and power analysis of 16×16 SRAM Array Employing 7T I-LSVL	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			4	10.1109/RTEICT42901.2018.9012414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073357430&doi=10.1109%2fRTEICT42901.2018.9012414&partnerID=40&md5=82a6c4ebc47f0ff1cb8ebe0a47c14324	Conference Paper
Jana, A.P., Biswas, A., Mohana	57209980987;57209985991;57113679700;	YOLO based detection and classification of objects in video records	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			44	10.1109/RTEICT42901.2018.9012375	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072785299&doi=10.1109%2fRTEICT42901.2018.9012375&partnerID=40&md5=caad351f5eb33d7452139a5d39b5b0e6	Conference Paper
DSouza, G.C., Moses, V., Chetan, N., Mahadevaiah, S.C., Raj, L.A.	57207999455;57205651398;57195725266;57207987320;57207983002;	Environmental effect studies on aviation contrails and cirrus clouds	2018	EnvironmentAsia	11	2		10.14456/ea.2018.31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063507170&doi=10.14456%2fea.2018.31&partnerID=40&md5=7a4c8d98287ce8e8a5f54950c182d054	Article

Jogin, M., Mohana, Madhulika, M.S., Divya, G.D., Meghana, R.K., Apoorva, S.	57215743351;57113679700;57215744197;57213223084;57192686013;57220222728;	Feature extraction using convolution neural networks (CNN) and deep learning	2018	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication			244	10.1109/RTEICT42901.2018.9012507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063492118&doi=10.1109%2fRTEICT42901.2018.9012507&partnerID=40&md5=0086a37c7355454ea47ab19a0919f601	Conference Paper
Nandini, R.N., Krishna, M., Suresh, A.V., Narasimha Murthy, H.N.	57204658287;8142901200;54419177200;6507666550;	Effect of MWCNTs on piezoelectric and ferroelectric properties of KNN composites	2018	Materials Science and Engineering: B	231		18	10.1016/j.mseb.2018.09.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054017793&doi=10.1016%2fj.mseb.2018.09.001&partnerID=40&md5=3eb774ca328660efee222f71180ff637	Article
Prasanna, B.P., Avadhani, D.N., Chaitra, K., Nagaraju, N., Kathyayini, N.	57189760730;56026615871;56586032500;7003299303;56737108200;	Synthesis of polyaniline/MWCNTs by interfacial polymerization for superior hybrid supercapacitance performance	2018	Journal of Polymer Research	25	5	27	10.1007/s10965-018-1526-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047211853&doi=10.1007%2fs10965-018-1526-2&partnerID=40&md5=0aa04e7d208ab2bad3d630fec505d0c8	Article

Rao, S., Devi, S.N.S., Johns, A., Kalkornsurapranee, E., Sham Aan, M.P., Johns, J.	57188990454;25958037200;56911914600;35484608800;57226233455;23485535800;	Mechanical and thermal properties of carbon black reinforced natural rubber/polyvinyl alcohol fully-interpenetrating polymer networks	2018	Journal of Vinyl and Additive Technology	24		10	10.1002/vnl.21560	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964573613&doi=10.1002%2fvnl.21560&partnerID=40&md5=f10a1e9dcfb1b22ce7207f512b043b41	Article
Chari, V.S., Venkatesh, P.R., Krupashankar, Dinesh, V.	57201915397;57005593511;57201901701;56638429400;	Effect of processing parameters on FDM process	2018	AIP Conference Proceedings	1943		6	10.1063/1.5029637	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046448371&doi=10.1063%2f1.5029637&partnerID=40&md5=a3799410b623785f77b34196a625e234	Conference Paper
Pujar, N.V., Nanjundaradhya, N.V., Sharma, R.S.	57201914088;57148278300;55348178700;	Effect of graphene oxide nano filler on dynamic behaviour of GFRP composites	2018	AIP Conference Proceedings	1943		10	10.1063/1.5029683	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046411640&doi=10.1063%2f1.5029683&partnerID=40&md5=3876179cb5fa254667b838c4f8cd9c67	Conference Paper

Anupama Kumar, S., Vijayalakshmi, M.N.	57191624773;55489976400;	Efficiency of multi-instance learning in educational data mining	2018	Knowledge Computing and its Applications: Knowledge Computing in Specific Domains	2		6	10.1007/978-981-10-8258-0_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060928366&doi=10.1007%2f978-981-10-8258-0_3&partnerID=40&md5=ae047f1dcd1139b91a6dfeb7923b6c56	Book Chapter
Chaithra, B.K., Prasad, C.S., Vitala, H.R., Dileep, B.P.	57201443152;57213301120;55575416000;56296924000;	Fabrication and characterization of CFRP composite laminates with induced discontinuities	2018	International Journal of Mechanical and Production Engineering Research and Development	8	2		10.24247/ijmperdapr2018147	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044837630&doi=10.24247%2fijmperdapr2018147&partnerID=40&md5=75890a4833db479ea8ad875df3ba3fb3	Article
Rastogi, R., Nahata, S., Ghuli, P., Pratiba, D., Shobha, G.	57193648384;57200386964;56125487700;56125681000;14829661100;	Anomaly detection in log records	2018	Indonesian Journal of Electrical Engineering and Computer Science	10	1	4	10.11591/ijeecs.v10.i1.pp343-347	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041112640&doi=10.11591%2fijeecs.v10.i1.pp343-347&partnerID=40&md5=3387b73eef133fa8f13eac54287c3c86	Article

Karthik, R.S., Prapulla, S.B., Shoba, G.	57209000041;57193065088;14829661100;	Optimized local call routing	2018	2018 10th International Conference on Communication Systems and Networks, COMSNETS 2018	#####			10.1109/COMSNETS.2018.8328250	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050927282&doi=10.1109%2fCOMSNETS.2018.8328250&partnerID=40&md5=c14a23c0752bdcdfbfd0b4408575d1c1	Conference Paper
Ajay, K.M., Dinesh, M.N.	57210312051;56533621600;	Influence of various Activated Carbon based Electrode Materials in the Performance of Super Capacitor	2018	IOP Conference Series: Materials Science and Engineering	310	1	12	10.1088/1757-899X/310/1/012083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043717816&doi=10.1088%2f1757-899X%2f310%2f1%2f012083&partnerID=40&md5=715d69002b5a5bf45deda89cf4ae48c0	Conference Paper
Ramesh, S., Denis Ashok, S., Nagaraj, S., Adithyakumar, C.R., Lohith Kumar Reddy, M., Naulakha, N.K.	57204927726;44760897200;35366727200;57201190145;57201184912;57201185658;	Design of An Energy Efficient Hydraulic Regenerative circuit	2018	IOP Conference Series: Materials Science and Engineering	310	1	1	10.1088/1757-899X/310/1/012042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043696011&doi=10.1088%2f1757-899X%2f310%2f1%2f012042&partnerID=40&md5=d571fd7dd1c3ff2cb3976af580c3451a	Conference Paper

Shashank, R., Harisha, S.K., Abhishek, M.C.	57211968061;57201184970;57206892903;	Modelling and analysis of piezoelectric cantilever energy harvester for different proof mass and material proportion	2018	IOP Conference Series: Materials Science and Engineering	310	1	9	10.1088/1757-899X/310/1/012147	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043686821&doi=10.1088%2f1757-899X%2f310%2f1%2f012147&partnerID=40&md5=05ad7c7eedc03099d6950f47811d9	Conference Paper
Ramesh, S., Denis Ashok, S., Nagaraj, S., Kumar Reddy, M.L., Kumar Naulakha, N., Adithyakumar, C.R.	57204927726;44760897200;35366727200;57201187542;57201189566;57201190145;	Energy conservation strategy in Hydraulic Power Packs using Variable Frequency Drive IOP Conference Series: Materials Science and Engineering	2018	IOP Conference Series: Materials Science and Engineering	310	1	4	10.1088/1757-899X/310/1/012041	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043683447&doi=10.1088%2f1757-899X%2f310%2f1%2f012041&partnerID=40&md5=c97f83305c6fb44e904c53164cd27	Conference Paper
Bhattacharya, A., Roy, P.	56924403600;57194516923;	A large sample test for the length of memory of stationary symmetric stable random fields via nonsingular Zd-actions	2018	Journal of Applied Probability	55	1	2	10.1017/jpr.2018.12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044606384&doi=10.1017%2fjpr.2018.12&partnerID=40&md5=0f00888e9d847ffc862cf4a59b139f06	Article

Mini, R., Binoj, P.V., Hariram Satheesh, B., Dinesh, M.N.	57217499355;57200723000;56879083800;58959535500;	Real time validation of EKF estimator for low speed estimation in DTC IMD	2018	International Journal of Power Electronics and Drive Systems	9	1	1	10.11591/ijpeds.v9n1.pp433-442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042307463&doi=10.11591%2fijpeds.v9n1.pp433-442&partnerID=40&md5=f99e0c4fcbab6407e67f87e0823cc76b	Article
Gupta, A., Sharma, P., Salwan, H.	57198677560;74032268855;55823172900;	A local search algorithm: minimizing makespan of deteriorating jobs with relaxed agreeable weights	2018	EURO Journal on Computational Optimization	6	1		10.1007/s13675-017-0086-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042275468&doi=10.1007%2fs13675-017-0086-2&partnerID=40&md5=958e7f527ea03db77e343fefe8b66998	Article
Rohit, B., Muktinutalapati, N.R.	57194344077;57200381265;	Austenite reversion in 18% Ni maraging steel and its weldments	2018	Materials Science and Technology (United Kingdom)	34	3	25	10.1080/02670836.2017.1407544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041083852&doi=10.1080%2f02670836.2017.1407544&partnerID=40&md5=f23db3146878decfa067657a93e8efb7	Review

Shivakumar, N., Agrawal, P.	55789385800;56388302300;	The effect of chemical mutagens upon morphological characters of ginger (Zingiber officinale) in M0 generation	2018	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	20				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045095656&partnerID=40&md5=896bff35c28e21c75b8ae4baf3b4beda	Article
Shivakumara, J., Chikkahanumantharayappa, Ashoka, S., Hari Krishna, R., Vijayakumar, G., Manjunatha, C., Nagabhushana, B.M., Nagaraju, G.	57196185424;35486961500;52364988000;55881270900;57204848768;56919543200;66025237912174310 2700;	Elimination of quenching defects by facile anion doping in CdSiO3 synthesized by green fuel assisted combustion method	2018	Optik	154		4	10.1016/j.ijleo.2017.10.066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032183037&doi=10.1016%2fj.ijleo.2017.10.066&partnerID=40&md5=2693369b5d3eb57f5efe3757e3fef00d	Article
Raghavendra, T., Udayashankar, B.C., Lokeshwari, M., Vikas, M., Amaranath Reddy, N.	56394374000;25028845300;36717811400;55793776200;57907958600;	Effect of Water Content on Relative Flow Area and Hence Predicted Flow Values of Controlled Low Strength Materials	2018	Urbanization Challenges in Emerging Economies: Resilience and Sustainability of Infrastructu			3	10.1061/9780784482032.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128062587&doi=10.1061%2f9780784482032.020&partnerID=40&md5=53c56235655f425e361c394dbda72b25	Conference Paper

Bhat, N., Eranna, U., Singh, M.K.	57226204926;24472466300;57203297300;	Pattern approximation based generalized image noise reduction using adaptive feed forward neural network	2018	International Journal of Electrical and Computer Engineering	8	6		10.11591/IJECE.V8I6.PP5021-5031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116874499&doi=10.11591%2fIJECE.V8I6.PP5021-5031&partnerID=40&md5=43fa392d8848d04522ed13411d603a59	Article
Mini, R., Shabana, B.P., Satheesha, B.H., Dinesh, M.N.	57217499355;57291558900;57292015100;58959535500;	Low Speed Estimation of Sensorless DTC Induction Motor Drive Using MRAS with Neuro Fuzzy Adaptive Controller	2018	International Journal of Electrical and Computer Engineering	8	5		10.11591/IJECE.V8I5.PP2691-2702	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116867531&doi=10.11591%2fIJECE.V8I5.PP2691-2702&partnerID=40&md5=61692b0aef0cf9777bb7e1f626c7059f	Article
Ashok, A.K., Palani, N.	57219645739;57202905578;	Autoencoders with variable sized latent vector for image compression	2018	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	#####		2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113470146&partnerID=40&md5=e31c2f14a946392f2853ab50f60cd0c3	Conference Paper

Kumar, N.S., Sudhanva, N.G., Hande, V.S., Sajjan, M.V., Kumar, C.S.H., Kariyappa, B.S.	57193571301;57195471739;57200163734;57218775606;57202624089;35102416500;	SRAM design using memristor and self-controllable voltage (SVL) technique	2018	Lecture Notes on Data Engineering and Communications Technologies	9		2	10.1007/978-981-10-6319-0_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090253308&doi=10.1007%2f978-981-10-6319-0_3&partnerID=40&md5=a56f1f35a410857ec2171e12ca07e069	Book Chapter
Chethana, Srinivasan	57215913470;57215917598;	A pattern oriented approach for software design reusability for cost efficiency	2018	International Journal of Engineering and Technology (UAE)	7	3.34 Special Issue 34			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082371813&partnerID=40&md5=b5d1ecdb7606a9def784e7cd463d2139	Article
Sowmyarani, C.N., Dayananda, P.	55532106000;56373894500;	K-anonymity versus L-diversity: A comparative analysis on data anonymization techniques	2018	International Journal of Engineering and Technology (UAE)	7	3	1	10.14419/ijet.v7i3.4.14669	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082366958&doi=10.14419%2fijet.v7i3.4.14669&partnerID=40&md5=084bb34470a9f628f87a137128f1684b	Article

Manjunath, C.R., Nagaraja, G.S.	56857318000;660 3530464;	Multicast routing for mesh-based using DSR in wireless sensor network	2018	International Journal of Engineering and Technology (UAE)	7	3		10.14419/ijet.v7i 3.29.18552	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082365581&doi=10.14419%2fijet.v7i3.29.18552&partnerID=40&md5=45afcc52c27339911062b7d9b90541e4	Article
Jayasimha, S.R., Usha, J., Srivani Iyengar, S.G.	57201049516;559 41122900;572159 17669;	A comprehensive review of energy efficiency in cloud computing environment	2018	International Journal of Engineering and Technology (UAE)	7	3.29 Special Issue 29	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082356220&partnerID=40&md5=944ddd8d351a0adfd5e36e74cea5cfa0	Article
Kalbaiidi, I., Hakarnikarl, P.P., Mohana, Khandagale, H.P.	57215911023;572 15917619;571136 79700;556119498 00;	Optimization and analysis of information using business intelligence techniques and reporting using dashboards	2018	International Journal of Engineering and Technology (UAE)	7	4.5 Special Issue 5		10.14419/ijet.v7i 2.29.13825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082355504&doi=10.14419%2fijet.v7i2.29.13825&partnerID=40&md5=8d3cf402735d58972fb925006499ffe6	Article

Kuldeep, S., Anitha, G.S.	57215918123;57204648570;	Load forecasting analysis by time series method	2018	International Journal of Engineering and Technology (UAE)	7	2.4SpecialIssue 4			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082351481&partnerID=40&md5=86b98df6ab37ab8666990ab0ae3301ec	Article
Ramesh, S., Ashok, S.D., Nagaraj, S., Thangadurai, N.	57204927726;44760897200;35366727200;55793528800;	Energy conservation approach and control strategy for open loop, closed loop hydraulic circuit in CNC machines	2018	International Review of Mechanical Engineering	12	11	2	10.15866/ireme.v12i11.16159	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065590053&doi=10.15866%2fireme.v12i11.16159&partnerID=40&md5=ae2c09ea52817777605d898056e82199	Article
Choudhary, S., Hegde, K.M., Koushik, P.R., Sudeep, M., Ravi Shankar, H.N.	56299536300;57208623441;57208621635;57205645458;57208624247;	Analysis of pure microgravity and low earth orbit environment effects on microbes residing in human gut	2018	Proceedings of the International Astronautical Congress, IAC	#####		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065330916&partnerID=40&md5=a27635be598e80ed1e5b1e7fe05e23b3	Conference Paper

Vedanthu, A.	57208628758;	Construction of basic human habitats on planetary/lunar places without direct human involvement	2018	Proceedings of the International Astronautical Congress, IAC	#####				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065329269&partnerID=40&md5=57256835206fad95347d3b59e57393be	Conference Paper
Ahmed, T., Madhu, S., Mallabadi, K.	57208618384;57208632034;57208628966;	Iterative design and experimental simulation analysis of louver for nanosatellites	2018	Proceedings of the International Astronautical Congress, IAC	#####		1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065291781&partnerID=40&md5=5bc309cfaafeb4fe62889370d5f49b61	Conference Paper
Swamy, M.K., Paramashivaiah, S., Hiremath, L., Akhtar, M.S., Sinniah, U.R.	56684317300;57207989882;57204661876;72025782000;6506386972;	Micropropagation and conservation of selected endangered anticancer medicinal plants from the western ghats of india	2018	Anticancer Plants: Natural Products and Biotechnological Implements	2		5	10.1007/978-981-10-8064-7_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063512431&doi=10.1007%2f978-981-10-8064-7_20&partnerID=40&md5=96a7714f4717d11f5bcfa48424182477	Book Chapter

Gupta, P.K., Agrawal, P., Hedge, P., Akhtar, M.S.	56608493300;56388302300;57207980738;72025782000;	Xylooligosaccharides and their anticancer potential: An update	2018	Anticancer Plants: Natural Products and Biotechnological Implements	2		9	10.1007/978-981-10-8064-7_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063440617&doi=10.1007%2f978-981-10-8064-7_11&partnerID=40&md5=c655b9869861f07f979263b8b5ca65cb	Book Chapter
Nasreen, A., Vinutha, H., Shobha, G.	56584235400;57210610701;14829661100;	Analysis of video content through object search using SVM classifier	2018	Lecture Notes in Networks and Systems	7		1	10.1007/978-981-10-3812-9_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063140683&doi=10.1007%2f978-981-10-3812-9_34&partnerID=40&md5=a7bab34f54aa3e3ee882e051da4466be	Book Chapter
Siddeswara, D.M.K., Mahesh, K.R.V., Mylarappa, M., Nagaswarupa, H.P., Shravana Kumara, K.N., Raghavendra, N., Prashanth, S.C.	57196705984;49664243000;57191985916;16307909900;57196705343;57191977753;57225844473;	Electrochemical Enhancement of Nickel oxide Dispersed Graphene Sheets as Electrode Material for Energy Storage Application	2018	Materials Today: Proceedings	5	10		10.1016/j.matpr.2018.06.628	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062563822&doi=10.1016%2fj.matpr.2018.06.628&partnerID=40&md5=aeeb13fab56b3969e9121d12e19ec956	Conference Paper

Venkatesh, T., Siddeswara, D.M.K., Mylarappa, M., Vishnu Mahesh, K.R., Nagaswarupa, H.P., Raghavendra, N.	55661041300;57196705984;57191985916;49664243000;16307909900;57191977753;	Photo Decomposition of Acid Orang 8 from Aqueous Solution by Using rGO/CNT/AgO Nano Composite	2018	Materials Today: Proceedings	5	10	2	10.1016/j.matpr.2018.06.642	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062523048&doi=10.1016%2fj.matpr.2018.06.642&partnerID=40&md5=5eec77265f0efaea48994e3b2e7d805b	Conference Paper
Shravana Kumara, K.N., Nagaswarupa, H.P., Mylarappa, M., Siddeswara, D.M.K., Vishnu Mahesh, K.R., Raghavendra, N.	57196705343;16307909900;57191985916;57196705984;49664243000;57191977753;	Fabrication and Hierarchical Structure of ZnO Nano Particle Using Green Fuels: Cyclic Voltammetry and Impedance Analysis	2018	Materials Today: Proceedings	5	10	2	10.1016/j.matpr.2018.06.627	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062515788&doi=10.1016%2fj.matpr.2018.06.627&partnerID=40&md5=09496b5411b174442bc9af41eb39eb09	Conference Paper
Raghavendra, N., Narasimha Murthy, H.N., Vishnu Mahesh, K.R., Mylarappa, M., Ksiddeswara, D.M., Krishna, M.	57191977753;56507666550;49664243000;57191985916;57207460276;8142901200;	Influence of Nanoclays to the Matrix of Vinylester/Glass Composites on their Fire Behavior Properties	2018	Materials Today: Proceedings	5	10	4	10.1016/j.matpr.2018.06.624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062491039&doi=10.1016%2fj.matpr.2018.06.624&partnerID=40&md5=4248adcc8faa649a3086cbbfcbd05a7d	Conference Paper

Amalkar, M.S., Renukadevi, M.V., Jagadish, K.S., Basutkar, S.M.	57207228958;57202150127;67014577776;57205650170;	Behaviour of hollow concrete block masonry prisms under compression	2018	Proceedings of the International Masonry Society Conferences	0	222279			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062311555&partnerID=40&md5=e97db8bc7335adcf8e25f5eb69128e72	Conference Paper
Joshi, A.M., Basutkar, S.M., Keshava, M., Raghunath, S., Jagadish, K.S.	57207228997;57205650170;37061055600;660263531;6701457776;	Performance of masonry units prepared using construction and demolition waste as fine aggregates	2018	Proceedings of the International Masonry Society Conferences	0	222279	3		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062311461&partnerID=40&md5=ba61263c5afbf5edbbcb561c84a8a2c8	Conference Paper
Srihari, H.S., Koundinya, A.K., Srinivasan, G.N.	57206726852;55180085600;56501487200;	Generalized adaptive security for computer systems	2018	Lecture Notes in Engineering and Computer Science	2237				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061916064&partnerID=40&md5=be46bd4bd2e71165c8a101bfadc5cb14	Conference Paper

Murthy, T.S.D., Sadashivappa, G., Shankar, D.R.	57211588290;36024241200;57205750324;	Novel mechanism of classifying the brain tumor for identifying its critical state	2018	International Journal of Advanced Computer Science and Applications	9	9			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061451429&partnerID=40&md5=1c9410e26fd1f360f3ed52580e16ecc0	Article
Kalkornsurapranee, E., Lehman, N., Judklaing, P., Songtipya, L., Sham Aan, M.P., Johns, J.	35484608800;57194435527;57207687185;55569350800;57226233455;23485535800;	Curing of Natural Rubber/Polyvinyl Alcohol Blends Using Glutaraldehyde	2018	Materials Today: Proceedings	5	7	3	10.1016/j.matpr.2018.04.067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061232950&doi=10.1016%2fj.matpr.2018.04.067&partnerID=40&md5=941bde61b70c5da78279985ed31e2c65	Conference Paper
Kusuma Kumari, B.M., Sethi, S., Ramakanth Kumar, P., Kumar, N., Shankar, A.	57205660724;57205656384;650696 2203;58732025700;57193653231;	Driver drowsiness detection system using sensors	2018	Journal of Computational and Theoretical Nanoscience	15	1112		10.1166/jctn.2018.7608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060990360&doi=10.1166%2fjctn.2018.7608&partnerID=40&md5=c99444e671c66c224cd53eaf205ec312	Article

Hanji, B.R., Shettar, R.	57044769300;26422599700;	Stable reduced link break routing technique in mobile ad hoc network	2018	Communications in Computer and Information Science	905			10.1007/978-981-13-1810-8_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060365205&doi=10.1007%2f978-981-13-1810-8_8&partnerID=40&md5=c700d02b1711ea3c834471d30fb88652	Conference Paper
Sowmyarani, C.N., Dayananda, P.	55532106000;56373894500;	Analytical study on privacy attack models in privacy preserving data publishing	2018	Censorship, Surveillance, and Privacy: Concepts, Methodologies, Tools, and Applications	3			10.4018/978-1-5225-7113-1.ch061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059709631&doi=10.4018%2f978-1-5225-7113-1.ch061&partnerID=40&md5=33fa75f3e666709fad7ee103fd63259c	Book Chapter
Noolvi, B., Nagaraj, S., Raja, S.	57194042240;35366727200;71033466847;	Fabrication, analysis and testing of smart adaptive composite beams	2018	International Journal of Vehicle Structures and Systems	10	5	2	10.4273/ijvss.10.5.05	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059457667&doi=10.4273%2fijvss.10.5.05&partnerID=40&md5=5efe6c1f9b3db9e8ebcb684ffd6848a5	Article

Shivakumar, N., Madhusudan, P., Daniel, S.C.G.K.	55789385800;57202116085;57215777152;	Nanomaterials for smart food packaging	2018	Handbook of Nanomaterials for Industrial Applications			18	10.1016/B978-0-12-813351-4.00016-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059302975&doi=10.1016%2fB978-0-12-813351-4.00016-X&partnerID=40&md5=8193146a67723bf3edcf7f2d89571113	Book Chapter
Darshan Kumar, H.K., Rakesh Pandith, T.S., Ranganayakulu, J., Murthy, H.N.N., Srihari, P.V., Rao, K.V., Kumar, K.N.	57205064984;57205058385;55210909300;650766655 0;57190045635;55971841000;57205063722;	Experimental Investigations on the Influence of Mixing Chamber Design in Micro - Abrasive Jet Machining of Borosilicate Glass	2018	Materials Today: Proceedings	5	11	1	10.1016/j.matpr.2018.10.201	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058426881&doi=10.1016%2fj.matpr.2018.10.201&partnerID=40&md5=fd4f248d215336bdd26b4f9f1ec0fe14	Conference Paper
Radhakrishna, Praveen Kumar, K.	35771473600;56237227800;	Characteristics of Cement Mortar with M-sand as Replacement of Fine Aggregates	2018	Materials Today: Proceedings	5	11	18	10.1016/j.matpr.2018.10.346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058367808&doi=10.1016%2fj.matpr.2018.10.346&partnerID=40&md5=46ae284cbc163b7e198ebac0fddd9646	Conference Paper

Deepamala, N., Shobha, G.	37070296400;14829661100;	Effective approach in making capstone project a holistic learning experience to students of undergraduate Computer Science Engineering program	2018	Journal of Technology and Science Education	8	4	12	10.3926/jotse.427	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057360716&doi=10.3926%2fjotse.427&partnerID=40&md5=a5d3fb6cd14c26d8612ae342c06a2ab7	Article
Nagaraja, P., Sadashivappa, G.	57192546229;36024241200;	Fault Diagnosis of 16 bit digital to analog converter using national instruments-multisim and implementation using Support Vector Machines	2018	Journal of Computational and Theoretical Nanoscience	15	6-7		10.1166/jctn.2018.7456	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057343922&doi=10.1166%2fjctn.2018.7456&partnerID=40&md5=60eaf7d807d7a533c78e6612e70a1ec0	Article
Anupama, H.S., Jain, R.V., Venkatesh, R., Mahadevan, R., Cauvery, N.K., Lingaraju, G.M.	56538607800;57194179924;57225691411;57204718859;35291528300;55175016900;	Implementing and analyzing different feature extraction techniques using EEG-based BCI	2018	Advances in Intelligent Systems and Computing	708		2	10.1007/978-981-10-8636-6_39	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056898306&doi=10.1007%2f978-981-10-8636-6_39&partnerID=40&md5=68365571e6f43955a9c335c5bcbd8ca8	Conference Paper

Soumya Mahalakshmi, A., Sharvani, G.S., Karthik, S.P.	57191620178;35293488200;57212117787;	SIoT framework to build smart garage sensors based recommendation system	2018	Advances in Intelligent Systems and Computing	708		1	10.1007/978-981-10-8636-6_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056890369&doi=10.1007%2f978-981-10-8636-6_29&partnerID=40&md5=d4f5b4bfb8d2ae69ae7a8207ab5aa047	Conference Paper
Shenoy, A., Reddy, C.M., Shree Padma, M., Niranjan, V., Rao, N.N.	57204659786;57204653820;57204661804;660323465 6;55988649300;	Evaluation of alternative bio-receptors for pesticide detection	2018	Materials Today: Proceedings	5	10	1	10.1016/j.matpr.2018.6.488	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056607508&doi=10.1016%2fj.matpr.2018.6.488&partnerID=40&md5=afd86ff2d6978f3ea8d5579722a2f0ab	Conference Paper
Mamtha, V., Narasimha Murthy, H.N., Authade, P., Sridhar, R.	35503556700;6507666550;57204656508;571890348887;	Study of Electrospun fiber diameter using ANSOFT and ANSYS	2018	Materials Today: Proceedings	5	10	2	10.1016/j.matpr.2018.6.565	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056603698&doi=10.1016%2fj.matpr.2018.6.565&partnerID=40&md5=b787dac471fd725134e4e4cbcb774097	Conference Paper

Shireesha, G., Manjunatha, C., Jain, A., Radhakrishna, M.C.	57203014704;56919543200;74044644073;57217647271;	Influence of Cd0.99Eu0.1SiO3 nanoparticles concentration on Cd0.99Eu0.1SiO3/PVDF nanocomposite films	2018	Materials Today: Proceedings	5	10	2	10.1016/j.matpr.2018.6.515	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056600595&doi=10.1016%2fj.matpr.2018.6.515&partnerID=40&md5=763111716d212b59e91e8f2d0ed73c07	Conference Paper
Roopaa, T.S., Narasimha Murthy, H.N., Praveen Kumar, V.V., Krishna, M.	56788001800;65076665550;57882620400;8142901200;	Development and Characterization of PVDF Thin Films for pressure sensors	2018	Materials Today: Proceedings	5	10	21	10.1016/j.matpr.2018.6.503	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056600584&doi=10.1016%2fj.matpr.2018.6.503&partnerID=40&md5=3f2f6058c647f78ad9cd229887c41e85	Conference Paper
Sharma, A., Rao, N.N., Krupashankara, M.S.	7404971319;55988649300;6507172803;	Development of eco-friendly and biodegradable Bio composites	2018	Materials Today: Proceedings	5	10	2	10.1016/j.matpr.2018.06.490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056597425&doi=10.1016%2fj.matpr.2018.06.490&partnerID=40&md5=4a8b24b7105bf7b53db8d3706d258a5e	Conference Paper

Angadi, G., Narasimha Murthy, H.N., Sridhar, R., Raghavendra, N., Firdosh, S.	57200842568;650 7666550;5718903 4887;5719197775 3;55932762800;	Simulation of Epoxy/Cloisite-15A Multifunctional Nanocomposites using Twin Screw Extruders	2018	Materials Today: Proceedings	5	10	1	10.1016/j.matpr.2018.6.509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056597245&doi=10.1016%2fj.matpr.2018.6.509&partnerID=40&md5=a233d69363d466518bb1a60afd07d1f7	Conference Paper
Yadhuraj, S.R., Babu Gandla, S., Omprakash, S.S., Sudarshan, B.G., Prasanna Kumar, S.C.	57191912581;572 04659919;572039 58924;571919109 05;57191914097;	Design and Development of Micro-channel using PDMS for Biomedical Applications	2018	Materials Today: Proceedings	5	10	9	10.1016/j.matpr.2018.6.545	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056596468&doi=10.1016%2fj.matpr.2018.6.545&partnerID=40&md5=c91a57cb2cb4684357b769a02d82fec9	Conference Paper
Prasanna, A., Pooja, R., Suchithra, V., Ravikumar, A., Gupta, P.K., Niranjan, V.	57189853975;572 03955125;572131 90479;576676710 00;56608493300; 6603234656;	Smart Drug Delivery Systems for Cancer Treatment Using Nanomaterials	2018	Materials Today: Proceedings	5	10	13	10.1016/j.matpr.2018.6.498	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056596061&doi=10.1016%2fj.matpr.2018.6.498&partnerID=40&md5=303f53cff1dc017303bec9846914c3b0	Conference Paper

Subramanyam, T.K., Kumar, S.P., Goutham, P., Suresh, R., Subramanya, K.N.	6603689490;58842968700;57212400555;57198152205;35753798900;	Investigations on a-Si: H thin film solar cells by RF-PECVD	2018	Materials Today: Proceedings	5	10	3	10.1016/j.matpr.2018.06.500	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056594431&doi=10.1016%2fj.matpr.2018.06.500&partnerID=40&md5=cb92f43008646b7b59c054e2d08ff296	Conference Paper
Singh, S.A., Gupta, P.K., Rajeswari, M., Janumala, T.	58731630500;56608493300;57200842566;57204657690;	Detection of Stress Using Biosensors	2018	Materials Today: Proceedings	5	10	5	10.1016/j.matpr.2018.6.492	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056590705&doi=10.1016%2fj.matpr.2018.6.492&partnerID=40&md5=b8777cb8aa50273b71163373064d56a3	Conference Paper
Yadhuraj, S.R., Uma, B.V., Divakara, S.G., Subramanyam, T.K., Babu Gandla, S.	57191912581;55130921800;57204657256;660368949 0;57204659919;	Fabrication and Study of Amorphous Silicon Based MOS Capacitor	2018	Materials Today: Proceedings	5	10		10.1016/j.matpr.2018.6.497	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056589510&doi=10.1016%2fj.matpr.2018.6.497&partnerID=40&md5=7eb87c1269e70bef966fb1594158da0d	Conference Paper

Nadar, N.R., Krishna, M.	57204658287;8142901200;	Kinetic analysis of isothermal solid state process for synthesized potassium sodium niobate piezoelectric ceramics	2018	Materials Today: Proceedings	5	10	1	10.1016/j.matpr.2018.06.483	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056589409&doi=10.1016%2fj.matpr.2018.06.483&partnerID=40&md5=080ad809775180ba63b462e746e44fd8	Conference Paper
Rajeswari, M., Agrawal, P., Roopa, G.S., Akshay Jain, A., Gupta, P.K.	57200842566;56388302300;57224267650;57204660665;56608493300;	Green Synthesis and Characterization of Multifunctional Zinc Oxide Nanomaterials using Extract of Moringa Oleifera Seed	2018	Materials Today: Proceedings	5	10	11	10.1016/j.matpr.2018.06.491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056587631&doi=10.1016%2fj.matpr.2018.06.491&partnerID=40&md5=75ed2cdb045a94ea0144175564b5aea8	Conference Paper
Raghavan, B., Gupta, T.	58822420000;16022006000;	H2/CH4 Gas Separation Using Graphene Drilled with Elliptical Pores	2018	Materials Today: Proceedings	5	10	2	10.1016/j.matpr.2018.6.487	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056587244&doi=10.1016%2fj.matpr.2018.6.487&partnerID=40&md5=56b419c68cb8398f12be4e6d6d4ad4ad	Conference Paper

Bharadwaj, S.S., Shivaraj, B.W., Narasimha Murthy, H.N., Krishna, M., Ganiger, M., Idris, M., Anawal, P., Sangappa Angadi, V.	57193064966;57195176001;65076665508142901200;57204654771;58600192500;57204653227;57204650967;	Synthesis and Characterization of Copper Doped Zinc Oxide Thin Films for CO Gas Sensing	2018	Materials Today: Proceedings	5	10	7	10.1016/j.matpr.2018.6.478	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056586749&doi=10.1016%2fj.matpr.2018.6.478&partnerID=40&md5=825756317b41c23e3b3a185d8cf109a5	Conference Paper
Pallavi, S.G., Vishnumurthy, K.A., Natarajan, K.	57221383995;56320807800;57203105849;	Naked eye detection of ammonia gas using diphenylamine based conjugated polymers	2018	Materials Today: Proceedings	5	10	2	10.1016/j.matpr.2018.6.550	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056581388&doi=10.1016%2fj.matpr.2018.6.550&partnerID=40&md5=0d90035fff10030329ddf9cb283d0bf8	Conference Paper
Mahesh, R., Ashok Kumar, H.G., Satyanarayana, S.	57213326023;7801441653;57209759064;	Synthesis and characterization of smart compounds of 2-substituted benzimidazole derivatives for plant growth enhancement	2018	Materials Today: Proceedings	5	10	3	10.1016/j.matpr.2018.6.561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056581296&doi=10.1016%2fj.matpr.2018.6.561&partnerID=40&md5=66a64026bda94710bf4122eac330e9a9	Conference Paper

Yadhuraj, S.R., Babu Gandla, S., Sudarshan, B.G., Prasanna Kumar, S.C.	57191912581;57204659919;57191910905;57191914097;	Preparation and Study of PDMS Material	2018	Materials Today: Proceedings	5	10	10	10.1016/j.matpr.2018.06.547	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056580825&doi=10.1016%2fj.matpr.2018.06.547&partnerID=40&md5=33ae103e4d09da7a36dccde50360e162	Conference Paper
Ajay, K.M., Dinesh, M.N., Vishnu Murthy, K.A., Ravikumar, C.R., Nagaswarupa, H.P.	57210312051;34869411600;57205762520;57195629883;16307909900;	Deposition & Electrochemical characterization of Multilayer coated electrode material for super capacitor application	2018	Materials Today: Proceedings	5	10	11	10.1016/j.matpr.2018.06.554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056579037&doi=10.1016%2fj.matpr.2018.06.554&partnerID=40&md5=2287ebaedafa0ad221e10a383d8e10c5	Conference Paper
Amith, V., Sridhar, R., Angadi, G., Prajwal, D., Mamatha, V., Narasimha Murthy, H.N.	56125698800;57189034887;57200842568;57224496649;57204660718;6507666550;	Development of Electrospinning System for Synthesis of Polyvinylpyrrolidone Thin Films for Sensor Applications	2018	Materials Today: Proceedings	5	10	8	10.1016/j.matpr.2018.6.480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056576674&doi=10.1016%2fj.matpr.2018.6.480&partnerID=40&md5=f6250cc22eed9179a0102255e22a2ee1	Conference Paper

Manujesh, B.J., Prajna, M.R., Sham Aan, M.P., Majida, C.V.	54408922800;57194456544;57226233455;57204654946;	Flexural Characterization of Foam Cored E-Glass Reinforced Smart Materials Using Artificial Neural Network	2018	Materials Today: Proceedings	5	10	1	10.1016/j.matpr.2018.06.533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056570905&doi=10.1016%2fj.matpr.2018.06.533&partnerID=40&md5=ebdce961378f4df359732d225dda35a9	Conference Paper
Hiremath, L., Narendra Kumar, S., Sukanya, P.	57204661876;57200319371;57203746179;	Development of Antimicrobial Smart Textiles Fabricated with Magnetite Nano Particles Obtained Through Green Synthesis	2018	Materials Today: Proceedings	5	10	18	10.1016/j.matpr.2018.06.496	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056567026&doi=10.1016%2fj.matpr.2018.06.496&partnerID=40&md5=68b702e2e3f347e3df94f8ba6c697624	Conference Paper
Madhusudan, P., Chellukuri, N., Shivakumar, N.	57202116085;57204652982;55789385800;	Smart packaging of food for the 21st century - A review with futuristic trends, their feasibility and economics	2018	Materials Today: Proceedings	5	10	32	10.1016/j.matpr.2018.6.494	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056566331&doi=10.1016%2fj.matpr.2018.6.494&partnerID=40&md5=78f395b0d8db6ffd0d028f957e9eac9e	Conference Paper

Lathashree, H., Moka Katte, N.J., Pooja, K.P., Bhargavi, K., Sathish Babu, B.	57204635587;57204634538;57968831100;55179979600;57304737200;	Multiple CAs based framework to provide remote palliative care for patients undergoing chemotherapy	2018	Communications in Computer and Information Science	906		1	10.1007/978-981-13-1813-9_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056475392&doi=10.1007%2f978-981-13-1813-9_18&partnerID=40&md5=6bc3b8991d757ba6ff57384a3d7e5dda	Conference Paper
Soumya Mahalakshmi, A., Moharir, M.	57191620178;54419033000;	Ashtadhyayi—an experimental approach to enhance programming languages and compiler design using Panini's grammar	2018	Advances in Intelligent Systems and Computing	709			10.1007/978-981-10-8633-5_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056269573&doi=10.1007%2f978-981-10-8633-5_1&partnerID=40&md5=a29d995c2f9b65512c109a9e1860a8b2	Book Chapter
Sandeep Kumar, Y., Rao Kvs, R., Yalamalle, S.R., Venugopal, S.M., Krishna, S.	57203344064;57204185416;56167359500;57213286274;57204181676;	Applications of 3D printing in TKR Pre surgical planning for Design Optimization - A Case Study	2018	Materials Today: Proceedings	5	9	6	10.1016/j.matpr.2018.06.230	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054884441&doi=10.1016%2fj.matpr.2018.06.230&partnerID=40&md5=fe2b2e1b3adfcd2b4297e1a66195d784	Conference Paper

Ranganayakulu, J., Srihari, P.V.	55210909300;57190045635;	Multi-objective optimization using taguchi's loss function-based principal component analysis in electrochemical discharge machining of micro-channels on borosilicate glass with direct and hybrid electrolytes	2018	Lecture Notes in Mechanical Engineering	PartF7		2	10.1007/978-981-13-1724-8_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054759706&doi=10.1007%2f978-981-13-1724-8_34&partnerID=40&md5=155b4b25a7ce932b6f42acaeaaad9693	Book Chapter
Shah, P.G., Shah, N.P., Ramesh, K.B.	36010126700;57204124414;57210711669;	A novel algorithm for bitcoin address generation using elliptical curve cryptography	2018	Proceedings of 2018 the 8th International Workshop on Computer Science and Engineering, WCSE 2018					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054593271&partnerID=40&md5=4c9b43807af94a61807b13efc40a3cde	Conference Paper
Adinatha, Hari Prasad, S.A., Anitha, G.S.	57204059450;35737182200;58298009300;	Path following of unmanned ship navigation by model predictive controller	2018	Journal of Advanced Research in Dynamical and Control Systems	10	12 Special Issue			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054333663&partnerID=40&md5=6a9cf0f1a560396464ad6fa135c241fd	Article

Rajithkumar, B.K., Deepak, G.M., Uma, B.V., Hadimani, B.N., Darshan, A.R., Kamble, C.R.	56493048300;58377224100;55130921800;57203965631;57203963007;57225233363;	Design and development of weight sensors based smart shopping cart and rack system for shopping malls	2018	Materials Today: Proceedings	5	4	1	10.1016/j.matpr.2017.12.367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053811600&doi=10.1016%2fj.matpr.2017.12.367&partnerID=40&md5=43c73b1938e7e123a3a91ed6990a80ac	Conference Paper
Omprakash, S.S., Naveen Kumar, S.K., Holla, R.	57203958924;48161542800;57203958358;	Titanium dioxide and zinc oxide as a dielectric material for application in TFT's	2018	Materials Today: Proceedings	5	4	7	10.1016/j.matpr.2017.12.370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053809643&doi=10.1016%2fj.matpr.2017.12.370&partnerID=40&md5=1f2cc5b28f96e2fcf552f0fc1c55a297	Conference Paper
Yadhuraj, S.R., Sudarshan, B.G., Prasanna Kumar, S.C., Mahesh Kumar, D.	57191912581;57191910905;57191914097;57203955580;	Analysis of linear and non-linear parameters of HRV for opting optimum parameters in wearable device	2018	Materials Today: Proceedings	5	4	1	10.1016/j.matpr.2017.12.338	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053806383&doi=10.1016%2fj.matpr.2017.12.338&partnerID=40&md5=1d16c2b8a3a295af622112636a5ad856	Conference Paper

Yadhuraj, S.R., Sudarshan, B.G., Prasanna Kumar, S.C., Mahesh Kumar, D.	57191912581;57191910905;57191914097;57203955580;	Study of PDMS material for ECG electrodes	2018	Materials Today: Proceedings	5	4	6	10.1016/j.matpr.2017.12.335	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053805727&doi=10.1016%2fj.matpr.2017.12.335&partnerID=40&md5=7617ab6903aa6b67baa4b15d1200b594	Conference Paper
Bhargavi, K., Babu, B.S., Iyengar, S.S.	55179979600;57304737200;57204520228;	Predicting the brand popularity from the brand metadata	2018	International Journal of Electrical and Computer Engineering	8	5		10.11591/ijece.v8i5.pp3523-3535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053799845&doi=10.11591%2fijece.v8i5.pp3523-3535&partnerID=40&md5=0b6399e18123223930f19825b4c73552	Article
Siddhartha, B., Chavan, A.P., Uma, B.V.	57203955792;57525019200;55130921800;	An electronic smart jacket for the navigation of visually impaired society	2018	Materials Today: Proceedings	5	4	15	10.1016/j.matpr.2017.12.344	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053798331&doi=10.1016%2fj.matpr.2017.12.344&partnerID=40&md5=639114ac94aac834378e395a423626bd	Conference Paper

Anala, M.R., Subrahmanya, A.N., D'Souza, A.	55734811700;58321399100;57203958815;	Performance analysis of mesh-based NoC's on routing algorithms	2018	International Journal of Electrical and Computer Engineering	8	5	4	10.11591/ijece.v8i5.pp3368-3373	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053791233&doi=10.11591%2fijece.v8i5.pp3368-3373&partnerID=40&md5=a8e41af6a28f62e8e495a86cbee59fd7	Article
Devaraj, D., Suma, R., Prasanna Kumar, S.C.	56538214400;57201584061;57191914097;	A survey on segmentation of exudates and microaneurysms for early detection of diabetic retinopathy	2018	Materials Today: Proceedings	5	4	13	10.1016/j.matpr.2017.12.372	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053786329&doi=10.1016%2fj.matpr.2017.12.372&partnerID=40&md5=3076785ebb7bf238239fb515a9592f64	Conference Paper
Bala Maalinii, G., Jatti, A.	57202371755;55580963900;	Brain tumour extraction using morphological reconstruction and thresholding	2018	Materials Today: Proceedings	5	4	5	10.1016/j.matpr.2017.12.350	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053775043&doi=10.1016%2fj.matpr.2017.12.350&partnerID=40&md5=42d5df4d528eee8e5ba2d68298697ea3	Conference Paper

Beeresha, R.S., Khan, A.M., Manjunatha Reddy, H.V.	57193579708;35747775400;57193605656;	The design and EM-simulation of square spiral inductor using simple equations	2018	Materials Today: Proceedings	5	4	1	10.1016/j.matpr.2018.05.074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053769628&doi=10.1016%2fj.matpr.2018.05.074&partnerID=40&md5=42d741252531ed1386a5ed9bf25d0e65	Conference Paper
Vidya, M.J., Padmaja, K.V.	55817931000;36055815400;	Enhancing security of electronic patient record using watermarking technique	2018	Materials Today: Proceedings	5	4	4	10.1016/j.matpr.2017.12.341	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053766294&doi=10.1016%2fj.matpr.2017.12.341&partnerID=40&md5=de7736c05ddcb1ad82006a67640219d4	Conference Paper
Kumari, R., Venkatesh, S.	57203955946;57213873012;	Breast cancer imaging techniques - A comparative study	2018	Materials Today: Proceedings	5	4	2	10.1016/j.matpr.2017.12.364	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053758335&doi=10.1016%2fj.matpr.2017.12.364&partnerID=40&md5=3fbb4b29f7f6d5f8bff1b59e6e8ac1a5	Conference Paper

Prasanna, A., Pooja, R., Suchithra, V., Ravikumar, A., Niranjan, V.	57189853975;57203955125;57213190479;57667671000;6603234656;	Cloud based solutions for genome informatics: Challenges and applications	2018	Materials Today: Proceedings	5	4		10.1016/j.matpr.2017.12.340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053755132&doi=10.1016%2fj.matpr.2017.12.340&partnerID=40&md5=d3fd6df50342f98b7df31a4d7be6559b	Conference Paper
Nataraj, J.R., Bagali, P.Y., Krishna, M., Vijayakumar, M.N.	56030739000;57203965380;81429012200;57196644006;	Development of silver doped titanium oxide thin films for gas sensor applications	2018	Materials Today: Proceedings	5	4	13	10.1016/j.matpr.2017.12.345	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053754499&doi=10.1016%2fj.matpr.2017.12.345&partnerID=40&md5=e4527d189814cd9904fc2414c248db72	Conference Paper
Sowmya, K.B., Mathew, J.A.	57211483117;57203961542;	Discrete wavelet transform based on coextensive distributive computation on FPGA	2018	Materials Today: Proceedings	5	4	3	10.1016/j.matpr.2018.05.072	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053750295&doi=10.1016%2fj.matpr.2018.05.072&partnerID=40&md5=a9480522103e3d6814585243b68dbe26	Conference Paper

Subramanyam, T.K., Goutham, P., Pavan Kumar, S., Yadhuraj, S.R., Geetha, K.S.	6603689490;57212400555;57203958837;57191912581;55813220500;	Optimization of sputtered AZO thin films for device application	2018	Materials Today: Proceedings	5	4	13	10.1016/j.matpr.2017.12.373	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053750286&doi=10.1016%2fj.matpr.2017.12.373&partnerID=40&md5=b7fa8ee3a7c3c7d17011ed44a7cd5f61	Conference Paper
Deepamala, N.	37070296400;	Linguistic Elegance of the Languages of South India	2018	Handbook of Statistics	38		1	10.1016/bs.host.2018.07.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051725931&doi=10.1016%2fbs.host.2018.07.002&partnerID=40&md5=38558b069f5890ebaddb5c99daffcc8e	Book Chapter
Shobha, G., Rangaswamy, S.	14829661100;35293507700;	Machine Learning	2018	Handbook of Statistics	38		90	10.1016/bs.host.2018.07.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051670389&doi=10.1016%2fbs.host.2018.07.004&partnerID=40&md5=6f7f2011b8e71103d4333f344213645f	Book Chapter

Rajanish, M., Nanjundaradhya, N.V., Sharma, R.S., Shivananda, H.K., Hegde, A.	57148363500;57148278300;55348178700;57163586700;57200796588;	Directional Interlaminar Shear Strength (ILSS) of nano-modified epoxy/unidirectional glass fibre composite	2018	AIMS Materials Science	5	4	2	10.3934/matersci.2018.4.603	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051593533&doi=10.3934%2fmatersci.2018.4.603&partnerID=40&md5=7293502d3c7baf11bb2331a2e9deb338	Article
Sumathi, M.S., Anitha, G.S.	57198890130;57204648570;	Energy efficient wireless sensor network with efficient data handling for real time landslide monitoring system using fuzzy data mining technique	2018	International Journal of Mobile Network Design and Innovation	8	3	6	10.1504/IJMNDI.2018.093701	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051034991&doi=10.1504%2fIJMNDI.2018.093701&partnerID=40&md5=1c268ed5ae38514776b8555b8a5c6866	Article
Ramesh, S., Ashok, S.D., Nagaraj, S.	57204927726;44760897200;35366727200;	An Energy Conservation Strategy Using Variable Frequency Drive for a Hydraulic Clamping System in a CNC Machine	2018	Materials Today: Proceedings	5	5	4	10.1016/j.matpr.2018.02.346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050166732&doi=10.1016%2fj.matpr.2018.02.346&partnerID=40&md5=68b416f5ed6d893ddd79ac179659231d	Conference Paper

Deepthi, Y.P., Krishna, M.	57195225075;8142901200;	Optimization of Electroless Copper Coating Parameters on Graphite Particles Using Taguchi and Grey Relational Analysis	2018	Materials Today: Proceedings	5	5	12	10.1016/j.matpr.2018.02.183	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050155300&doi=10.1016%2fj.matpr.2018.02.183&partnerID=40&md5=efb6dc20bd8e5a2c0548de570f40bc30	Conference Paper
Harisha, S.K., Rajkumar, G.R., Pawar, V., Keshav, M.	57201184970;58537720600;57202980278;57225194253;	Statistical Investigation of Tool Geometry for Minimization of Cutting Force in Turning of Hardened Steel	2018	Materials Today: Proceedings	5	5	6	10.1016/j.matpr.2018.02.094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050113117&doi=10.1016%2fj.matpr.2018.02.094&partnerID=40&md5=a29664a69fb72b9a4072f4ffd770505d	Conference Paper
Vivek, A., Holla, V., Krupashankara, M.S.	56906842400;57221320276;650717 2803;	Effect of Improving Damping Ratio on Surface Finish by Filling Particulate Reinforced Polymer Composites in Machine Tool Structures	2018	Materials Today: Proceedings	5	5	8	10.1016/j.matpr.2018.02.203	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050087026&doi=10.1016%2fj.matpr.2018.02.203&partnerID=40&md5=be7a5adfd7d543afc96cb3e1e9a7b0b0	Conference Paper

Ramadas, S.S., Nandihalli, R.	57205445281;57194442079;	Optimal system designing for hybrid renewable energy system with the aid of Adaptive Genetic Algorithm incorporates cauchy mutation (AGA-Cauchy)	2018	Journal of Green Engineering	8	1	4	10.13052/jge1904-4720.812	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049467155&doi=10.13052%2fjge1904-4720.812&partnerID=40&md5=5b527ca7e0fa125e5b39badce9f70545	Article
Bharathi, M., Amsaveni, A., Ravishankar, S.	57211772693;56716511300;57202125888;	Extraction of two wire loop topology using hybrid single ended loop testing	2018	Informacije MIDEM	48	1			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049019145&partnerID=40&md5=e7bd65ee6e16f37f3c1854466632ba1b	Article
Bhat, N., Eranna, U., Singh, M.K.	57226204926;24472466300;57203297300;	Robust global gradient thresholds estimation in anisotropic diffusion for image restoration using DE	2018	Communications in Computer and Information Science	828		1	10.1007/978-981-10-8660-1_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049006079&doi=10.1007%2f978-981-10-8660-1_51&partnerID=40&md5=02dd5b119a965a4b13b7b97abf8b515e	Conference Paper

Mendi, V., Seelam, J.K., Rao, S.	57202443467;40462189700;74041799298;	Estimation of potential tidal energy along the West Coast of India	2018	Proceedings of the 9th International Conference on APAC 2017	0		1	10.1142/9789813233812_0032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048365657&doi=10.1142%2f9789813233812_0032&partnerID=40&md5=6b8877b57080625601570a649c0b8e56	Conference Paper
Lokeshwari, M., Mendi, V., Reddy, N.A.	36717811400;57202443467;56828799700;	Peak flood estimation along southern coast: Kerala, India	2018	Proceedings of the 9th International Conference on APAC 2017	0		1	10.1142/9789813233812_0017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048357020&doi=10.1142%2f9789813233812_0017&partnerID=40&md5=4694d20bdd7963a1f7365afa2bcfdcac	Conference Paper
Remya, O.C., Kirthika Devi, V.S., Srivani, S.G.	57202394527;56168988000;26422586800;	Performance analysis of single phase closed loop system for cascaded H-bridge multilevel inverter using renewable source	2018	Journal of Engineering and Applied Sciences	13	7	4	10.3923/jeasci.2018.1757.1766	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048206532&doi=10.3923%2fjeasci.2018.1757.1766&partnerID=40&md5=436416c55e2faf741165c34edef45688	Article

Bayineni, V.K., Suresh, S., Sharma, A., Kadeppagari, R.-K.	56412965800;55623195200;74049713 19;24338374300;	Improvement of bilirubin oxidase productivity of Myrothecium verrucaria and studies on the enzyme overproduced by the mutant strain in the solid-state fermentation	2018	Journal of General and Applied Microbiology	64	2	3	10.2323/jgam.2017.07.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047255933&doi=10.2323%2fjgam.2017.07.002&partnerID=40&md5=4edfbef7d339cf20ee049a1e92440d8e	Article
Mahalakshmi, Krishnappa, H.K., Jayadevappa, D.	57202007168;57188733713;23985327700;	A hybrid approach for the segmentation of brain tumor using K-means clustering and variational level set	2018	Journal of Advanced Research in Dynamical and Control Systems	10		5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046753591&partnerID=40&md5=81e971867efceec7b93eebc4c86d4da2	Article
Shaila Koppad, H., Anupama Kumar, S.	57191618577;57191624773;	Efficacy of knowledge mining and machine learning techniques in healthcare industry	2018	Knowledge Computing and Its Applications: Knowledge Manipulation and Processing Techniques : Volume 1			1	10.1007/978-981-10-6680-1_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046593578&doi=10.1007%2f978-981-10-6680-1_9&partnerID=40&md5=b3a8560c8577b7bf6dc2cc806e67bff3	Book Chapter

Anand, S., Singh, P., Sagar, B.M.	57201672320;57198352408;57193071793;	Working with cassandra database	2018	Advances in Intelligent Systems and Computing	701		3	10.1007/978-981-10-7563-6_55	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045692798&doi=10.1007%2f978-981-10-7563-6_55&partnerID=40&md5=7e23af1d292064590eb982315e2b318b	Conference Paper
Vinutha, H.P., Poornima, B., Sagar, B.M.	57201199400;57200090867;57193071793;	Detection of outliers using interquartile range technique from intrusion dataset	2018	Advances in Intelligent Systems and Computing	701		134	10.1007/978-981-10-7563-6_53	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045643434&doi=10.1007%2f978-981-10-7563-6_53&partnerID=40&md5=24fa81a86aea7312499618c1aec74ffa	Conference Paper
Bhat, N., Eranna, U., Mahendra, B.M., Sonali, S., Kulkarni, A., Rai, V.	57226204926;24472466300;57219482390;55376477500;57201675706;57201671761;	Analytics based on video object tracking for surveillance	2018	Advances in Intelligent Systems and Computing	710			10.1007/978-981-10-7871-2_27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045616635&doi=10.1007%2f978-981-10-7871-2_27&partnerID=40&md5=8f41652a7b7e4eb0098c34c22129a6ee	Conference Paper

Usha, J., Jayasimha, S.R., Srivani, S.G.	55941122900;57201049516;26422586800;	Automata approach to reduce power consumption in smart grid cloud data center	2018	Communications in Computer and Information Science	801		1	10.1007/978-981-10-9059-2_23	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045313940&doi=10.1007%2f978-981-10-9059-2_23&partnerID=40&md5=09b8463244bc2fea97032c2e53c009cd	Conference Paper
Suma, R., Devaraj, D., Prasanna Kumar, S.C.	57201584061;56538214400;57191914097;	Detection of exudates through local binary pattern in diabetic retinopathy	2018	Communications in Computer and Information Science	801		3	10.1007/978-981-10-9059-2_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045297003&doi=10.1007%2f978-981-10-9059-2_4&partnerID=40&md5=1b15ab37165623e14e8984107513001d	Conference Paper
Sreevidya, B., Rajesh, M., Mamatha, T.M.	56910165600;56439203600;57212700004;	Design and development of an enhanced security scheme using RSA for preventing false data injection in wireless sensor networks	2018	Advances in Intelligent Systems and Computing	696		6	10.1007/978-981-10-7386-1_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044433955&doi=10.1007%2f978-981-10-7386-1_20&partnerID=40&md5=b877d9d94a090329848ced08144ab2be	Conference Paper

Jayanthi, P.N., Ravishankar, S.	57204494184;57202125888;	Model-based compressed sensing algorithms for MIMO-OFDM channel estimation	2018	International Journal of Engineering and Technology (UAE)	7	2	1	10.14419/ijet.v7i2.4.10030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043485802&doi=10.14419%2fijet.v7i2.4.10030&partnerID=40&md5=62e8b0dd49a1e89eba4adf5ea5e6f2c3	Article
Kumar, A.V.P., Parimi, A.M., Rao, K.U.	56169903900;25927955200;55792251700;	Tie-line frequency bias control of pv-wind hybrid power system for micro grid application	2018	UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science	80	1	3		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042869828&partnerID=40&md5=ce199562d52a9989fe105718e569edd2	Article
Sandeep, G.S., Sunil Kumar, B.S., Mamatha, G.S., Deepak, D.J.	8296145300;57192367743;35146519000;57189233474;	A survey of optimization of rate-distortion techniques for H.264 scalable video coding	2018	Advances in Intelligent Systems and Computing	628		1	10.1007/978-981-10-5272-9_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042762627&doi=10.1007%2f978-981-10-5272-9_22&partnerID=40&md5=c8187c338a292f5361e5d7d738796be4	Conference Paper

Rajpurohit, M., Sawarkar, K.G., Pramod, K.B., Tuckley, K., Kumarswamy	57200859735;56572921900;55814583800;35099740300;57200853940;	Microstrip line geometric variation consequences for linear parameters of microwave amplifiers	2018	Lecture Notes in Electrical Engineering	472		1	10.1007/978-981-10-7395-3_58	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042548849&doi=10.1007%2f978-981-10-7395-3_58&partnerID=40&md5=e53144877feeab185202393a81a2c7b7	Conference Paper
Vijaya, G., Muralidhar Singh, M., Krupashankara, M.S., Srinivas, M.R., Kulkarni, R.S.	56511881300;56512422100;650717280 3;57190847688;57214644490;	Development and Analysis of Tungsten-Aluminium oxide based solar thermal multilayer Coating	2018	Materials Today: Proceedings	5	1	2	10.1016/j.matpr.2017.11.038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042451970&doi=10.1016%2fj.matpr.2017.11.038&partnerID=40&md5=dee07b6f2769edeaed268daf03cc5e47	Conference Paper
Rajanish, M., Nanjundaradhya, N.V., Sharma, R.S., Shivananda, H.K., Hegde, A., Darshan, R.S.	57148363500;57148278300;55348178700;57163586700;57200796588;57200795515;	Longitudinal and transverse compressive properties of alumina nanoparticles filled epoxy/unidirectional glass fiber composite laminate under in-plane loading	2018	Materials Today: Proceedings	5	1	3	10.1016/j.matpr.2018.01.087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042445325&doi=10.1016%2fj.matpr.2018.01.087&partnerID=40&md5=06d1a33fa37a8f1e71296d80938636e7	Conference Paper

Vijaykumar, P., Sunitha, R., Pradhan, N., Sreedevi, A.	57200798354;57211137476;70050823583517370590 0;	Simulation of cortical epileptic discharge using Freeman's KIII model	2018	Lecture Notes in Computational Vision and Biomechanics	28		2	10.1007/978-3-319-71767-8_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042433419&doi=10.1007%2f978-3-319-71767-8_24&partnerID=40&md5=a514cc8bf038a45e5d61849a07d018f3	Book Chapter
Vijaya, G., Singh, M.M., Krupashankara, M.S., Srinivas, M.R., Kulkarni, R.S.	56511881300;56512422100;650717 2803;571908476888;57214644490;	Development and Analysis of Tungsten Thin film Coating for Solar Absorption	2018	Materials Today: Proceedings	5	1	5	10.1016/j.matpr.2017.11.039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042429344&doi=10.1016%2fj.matpr.2017.11.039&partnerID=40&md5=cfa034e36ea5d949aa2c008bc0171e9d	Conference Paper
Singh, M.M., Vijaya, G., Krupashankara, M.S., Sridhara, B.K., Shridhara, T.N.	56512422100;56511881300;650717 2803;127962415000;57200797806;	Studies on Thin Film Multilayer Coatings Deposited using Sputtering Process	2018	Materials Today: Proceedings	5	1	2	10.1016/j.matpr.2018.01.098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042423141&doi=10.1016%2fj.matpr.2018.01.098&partnerID=40&md5=9fdbbc4c0bfd19c17f8d07d6c428ce92	Conference Paper

Muralidhar Singh, M., Vijaya, G., Krupashankara, M.S., Sridhara, B.K., Shridhar, T.N.	56512422100;56511881300;650717 2803;1279624150 0;55693218200;	Deposition and Characterization of Aluminium Thin film Coatings using DC Magnetron Sputtering Process	2018	Materials Today: Proceedings	5	1	19	10.1016/j.matpr.2018.01.050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042422962&doi=10.1016%2fj.matpr.2018.01.050&partnerID=40&md5=e63eef2a60b66ae755dc474819d2abf6	Conference Paper
Madan, N., Geetha, K.S.	57214608337;55813220500;	Development of glare recognition for advanced driver assistance system	2018	Lecture Notes in Computational Vision and Biomechanics	28		2	10.1007/978-3-319-71767-8_75	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042409068&doi=10.1007%2f978-3-319-71767-8_75&partnerID=40&md5=b3b92fadda0b4d73ef411c80779eea25	Book Chapter
Ashik, K.P., Sharma, R.S., Guptha, V.L.J.	57194589948;55348178700;572007 95856;	Investigation of moisture absorption and mechanical properties of natural /glass fiber reinforced polymer hybrid composites	2018	Materials Today: Proceedings	5	1	40	10.1016/j.matpr.2018.01.099	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042408303&doi=10.1016%2fj.matpr.2018.01.099&partnerID=40&md5=59193c0956bd5a185d7522be75e7e34d	Conference Paper

Tondare, R.S., Shivaraj, B.W., Narasimhamurthy, H.N., Krishna, M., Subramanyam, T.K.	57217975293;57195176001;65076665550;8142901200;6603689490;	Effect of deposition time on structural, electrical and optical properties of Aluminium doped ZnO thin films by RF magnetron sputtering	2018	Materials Today: Proceedings	5	1	15	10.1016/j.matpr.2018.01.052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042406822&doi=10.1016%2fj.matpr.2018.01.052&partnerID=40&md5=a16ba2dba4abaa9c9760b9d7edca8a9b	Conference Paper
Kumar, R.C., Benal, M.M., Prasad, B.D., Krupashankara, M.S., Kulkarni, R.S., Siddaligaswamy, N.H.	57200851382;14625842000;36659143700;650717280 3;57214644490;57200799453;	Microwave assisted extraction of oil from pongamia pinnata seeds	2018	Materials Today: Proceedings	5	1	27	10.1016/j.matpr.2018.01.094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042400523&doi=10.1016%2fj.matpr.2018.01.094&partnerID=40&md5=2df9b7eed3a89ca2734860d9347ff6cb	Conference Paper
Nirupama, M.P., Gandla, S.B., Bhattacharya, A., Satyanarayana, B.S.	57194346590;57193614162;57052101500;14421886700;	Indigenous design and development of the cathodic arc system for the growth of nanocarbon thin Films	2018	Materials Today: Proceedings	5	1	3	10.1016/j.matpr.2018.01.118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042398964&doi=10.1016%2fj.matpr.2018.01.118&partnerID=40&md5=f5aaf56f04c819ad95d2536f43ced879	Conference Paper

Vishal, V.S., Kariyappa, B.S.	57213460702;35102416500;	Design and Simulation of High-Performance 2D Convolution Architecture	2018	Lecture Notes in Electrical Engineering	471			10.1007/978-981-10-7329-8_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041837344&doi=10.1007%2f978-981-10-7329-8_38&partnerID=40&md5=f6cdf99cf990a39930b8097bc4fa9130	Conference Paper
Hareesh, K., Sunitha, D.V., Ramya, P., Williams, J.F., Samarin, S., Dhole, S.D., Sanjeev, G.	55542146900;55067060700;37066461600;55728492600;7004062980;6602291469;16069427700;	Gamma radiation-assisted diffusion of Au nanoparticles in nanocavities of polycarbonate: Nano-structural and surface properties	2018	Materials Research Express	5	1	1	10.1088/2053-1591/aaa14c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041621771&doi=10.1088%2f2053-1591%2faaa14c&partnerID=40&md5=fbeb06efd251e55c2d356bdf8522e204	Article
De, S., Kodiyalam, V.	56666721300;56070872600;	Planar algebras, cabling and the drinfeld double	2018	Quantum Topology	9	1	4	10.4171/QT/105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041424579&doi=10.4171%2fQT%2f105&partnerID=40&md5=598d21aa3370358bcea8452d3b7cfd7b	Article

Nagaraj, K., Sharvani, G.S., Sridhar, A.	57200284206;35293488200;57193230814;	Emerging trend of big data analytics in bioinformatics: A literature review	2018	International Journal of Bioinformatics Research and Applications	14	1-2	17	10.1504/IJBRA.2018.089175	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040560415&doi=10.1504%2fIJBRA.2018.089175&partnerID=40&md5=c1e10b218ae9f4b6eb0bbaa3095faaea	Article
Thiruvalluvar, A., Sridharan, M., Rajendra Prasad, K.J., Zeller, M.	12778691900;16319653100;700397987;8518298000;	Crystal structure of (E)-2-(furan-2-ylmethylidene)-2,3,4,9-tetrahydro-1H-carbazol-1-one	2018	Acta Crystallographica Section E: Crystallographic Communications	74			10.1107/S2056989017017972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040160806&doi=10.1107%2fS2056989017017972&partnerID=40&md5=d5cef2298cbc1d2150da108b82fe85b2	Article
Firdosh, S., Narasimha Murthy, H.N., Angadi, G., Raghavendra, N.	55932762800;65076665505;57200842568;57191977753;	Investigation of water absorption characteristics of nano-gelcoat for marine application	2018	Progress in Organic Coatings	114		12	10.1016/j.porgcoat.2017.10.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032032439&doi=10.1016%2fj.porgcoat.2017.10.004&partnerID=40&md5=a246aa2b184422369f8754923ad0fa0f	Article

Devaraj, D., Prasanna Kumar, S.C.	56538214400;57191914097;	Robust detection of hard exudates for diagnosis of non-proliferative diabetic retinopathy using integrated approach	2018	Advances in Intelligent Systems and Computing	614		1	10.1007/978-3-319-60618-7_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028607898&doi=10.1007%2f978-3-319-60618-7_52&partnerID=40&md5=2aca200666e206473d29bf057d366dbf	Conference Paper
Padmashree, T., Cauvery, N.K., Chavan, S.	57189240357;35291528300;57195484684;	Performance analysis of WSN routing protocols with effective buffer management technique	2018	Smart Innovation, Systems and Technologies	83		1	10.1007/978-3-319-63673-3_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028423896&doi=10.1007%2f978-3-319-63673-3_11&partnerID=40&md5=afcd79c820d472977245b12693e81b1f	Conference Paper
Vishwas, P.G., Premananda, B.S.	57195283364;37091407700;	Development of LIN 2.1 driver with SAE standards for RL78 microcontroller	2018	Advances in Intelligent Systems and Computing	518			10.1007/978-981-10-3373-5_49	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026725975&doi=10.1007%2f978-981-10-3373-5_49&partnerID=40&md5=233c04b2606d31d8fc79afcb0665c6fc	Conference Paper

RajithKumar, B.K., Mohana, H.S., Uday, J., Uma, B.V.	56493048300;26533115000;57204482618;55130921800;	Edge detection of degraded stone inscription Kannada characters using fuzzy logic algorithm	2018	Advances in Intelligent Systems and Computing	542		1	10.1007/978-981-10-3223-3_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021225131&doi=10.1007%2f978-981-10-3223-3_2&partnerID=40&md5=84df31ba479832db21c48b49d1d9c308	Conference Paper

3.4.6 Scopus and WoS h-index from the year 2018 to 2022.

Publication Type	Authors	Book Editors	Author Full Names	Article Title	Source Title	Document Type	Conference Title	Conference Date	Abstract	Addresses	Affiliations	Times Cited, WoS Core	Publisher	ISSN	ISBN	Publication Year	Volume	Issue	DOI Link
C	Jha, V		Jha, Vandana	Investigation of the Performances of Different PV Array Configurations in the Presence of Protection Diodes	2022 IEEE INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, DRIVES AND ENERGY SYSTEMS, PEDES	Proceedings Paper	10th IEEE International Conference on Power Electronics, Drives and Energy Systems (IEEE PEDES)	DEC 14-17, 2022	The aim of this work is to study the output responses of eight different configurations of PV array in the presence of protection diodes. The PV array considered for the analysis has been assumed to be of proportion (6 (rows) x 4 (columns)) and made of four non-identical PV modules, namely, 1STH-220-P, A10J-S72-175, ATLM660-	[Jha, Vandana] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-6654-5566-4	2022			http://dx.doi.org/10.1109/PEDES56012.2022.10080416

C	Pantoji, GS; Bhat, MH; Gwalani, PN; Bhulokam, AM		Pantoji, Gargi Sunil; Bhat, Mohammad Hanan; Gwalani, Punit Naresh; Bhulokam, Anagha Mandayam	Development of a Risk Management Plan for RVSAT-1, a Student-based CubeSat Program	2021 IEEE AEROSPACE CONFERENCE (AEROCONF 2021)	Proceedings Paper	IEEE Aerospace Conference (AeroConf)	MAR 06-13, 2021	Risk Management is a crucial part of project management to ensure overall mission success. Traditionally, student-based satellite teams lack the expertise to follow a systematic approach for identification and assessment of risks. This paper discusses the risk management plan devised indigenously for a student-	[Pantoji, Gargi Sunil; Bhulokam, Anagha Mandayam] RV Coll Engn, Dept Aerosp Engn, Bengaluru, India; [Bhat, Mohammad Hanan] RV Coll Engn, Dept Informat Sci & Engn, Bengaluru, India; [Gwalani, Punit Naresh] RV Coll Engn, Dept Mech Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	1	IEEE	1095-323X	978-1-7281-7436-5	2021			http://dx.doi.org/10.1109/AERO50100.2021.9438156

C	Shushrutha, KS; Sachin, BM		Shushrutha, K. S.; Sachin, B. M.	Design of a Dual-Polarized Patch Antenna with RDRA	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	Proceedings Paper	6th International Conference for Convergence in Technology (I2CT)	APR 02-04, 2021	Dual polarized patch antennas has many advantages such as low cost, low profile, easy fabrication and ease to integrate with circuits. In this paper, a novel design of a dual-polarized microstrip patch antenna along with Rectangular Dielectric Resonator Antenna (RDRA) operating at 4GHz is presented. The dual polarization in the patch antenna is achieved by introducing	[Shushrutha, K. S.; Sachin, B. M.] RV Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-7281-8876-8	2021			http://dx.doi.org/10.1109/I2CT51068.2021.9418119

C	Kumbargeri, V; Mahale, A; Aradhya, HVR	Sridhar, V; Padma, MC; Rao, KAR	Kumbargeri, Vaishnavi; Mahale, Anusha; Aradhya, H. V. Ravish	Design and Implementation of Logarithmic Multiplier Using FinFETs for Low Power Applications	EMERGING RESEARCH IN ELECTRONICS, COMPUTER SCIENCE AND TECHNOLOGY, ICERECT 2018	Proceedings Paper	3rd International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	AUG 23-24, 2018	In all processing systems, multiplication is one of the computation-intensive operations demanding more resources. Hence, multiplication operations demand more time, power and resources. One of the better solutions is Mitchell's algorithm. Mitchell-based logarithmic multiplier is used as alternative approach which improves	[Kumbargeri, Vaishnavi; Mahale, Anusha; Aradhya, H. V. Ravish] RV Coll Engn, Dept ECE, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	1876-1100	978-981-13-5802-9; 978-981-13-5801-2	2019	545		http://dx.doi.org/10.1007/978-981-13-5802-9_78

C	Akshaya; Nagendra, NN		Akshaya; Nagendra, N. N.	Thin Film Optical Filters: Bandpass Characteristics of VIBGYOR Wavelengths	2018 4TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	Proceedings Paper	4th International Conference for Convergence in Technology (I2CT)	OCT 27-28, 2018	In this paper, thin-film optical filters are designed using preliminary equations and modelled in Thin-Film Toolbox of MATLAB software. A multi-layer bandpass filter is designed to understand the variation of characteristics (Central Wavelength and Bandwidth) of a thin-film optical filter. The simulations of the visible region (VIBGYOR	[Akshaya; Nagendra, N. N.] RVCE, Dept TCE, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-5232-9	2018			

C	Anala, MR; Dash, D		Anala, M. R.; Dash, Deepika	Framework for Automatic Parallelization	2018 IEEE 25TH INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING WORKSHOPS (HIPCW)	Proceedings Paper	25th IEEE International Conference on High Performance Computing, Data and Analytics (HiPC)	DEC 17-20, 2018	Continuous research to increase the performance gain of the device in the field of computing has led to the advent of multi-core processors, which include more than one independent processing unit (core). This revolution on the hardware-side of the computer demands the software programmers to exploit the processing power by developing parallel programs. Programmers prefer	[Anala, M. R.; Dash, Deepika] RV Coll Engn, Dept CSE, Bengaluru, Karnataka, India	R.V. College of Engineering	2	IEEE		978-1-7281-0114-9	2018			http://dx.doi.org/10.1109/HiPCW.2018.00026

C	Nasreen, A; Chethan, KP; Patil, RM; Shobha, G		Nasreen, Azra; Chethan, K. P.; Patil, Rahul M.; Shobha, G.	Evaluation and Review of Object Tracking Solutions for Video Sequences	PROCEEDINGS OF THE 2018 3RD INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2018)	Proceedings Paper	3rd International Conference on Inventive Computation Technologies (ICICT)	NOV 15-16, 2018	A great interest has been fueled in object tracking solutions, mainly because of factors such as an increase in the number of powerful computers, the availability of high-quality video cameras, and the need for automation in video analysis. Tracking plays a vital role in various application domains, such as traffic monitoring	[Nasreen, Azra; Chethan, K. P.; Patil, Rahul M.; Shobha, G.] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-4985-5	2018			

C	Sandhya, HB; Nagamani, K; Shavanthi, L		Sandhya, H. B.; Nagamani, K.; Shavanthi, L.	A Review of Cognitive Radio Spectrum Sensing Methods in Communication Networks	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	The evolving technologies in wireless communication have put a lot of conditions on the use of radio frequency spectrum. Cognitive radio is playing a wide role in wireless communication system and it is an efficient technique to overcome the spectrum underutilization. In Cognitive networks, unlicensed users are allowed [Non-	[Sandhya, H. B.; Nagamani, K.; Shavanthi, L.] R V Coll Engn, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering	2	IEEE		978-1-5386-3521-6	2018			

S	Ashwini, KB; GopalKrishna, HD; Akhil, S; Pattanshetti, AD	Aurelia, S; Paiva, S	Ashwini, K. B.; GopalKrishna, H. D.; Akhil, S.; Pattanshetti, Abhishek D.	Immersive Learning About IC-Engine Using Augmented Reality	IMMERSIVE TECHNOLOGY IN SMART CITIES: Augmented and Virtual Reality in IoT	Article; Book Chapter				[Ashwini, K. B.; Akhil, S.] RV Coll Engn, Dept MCA, Bangalore, Karnataka, India; [GopalKrishna, H. D.; Pattanshetti, Abhishek D.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2522-8595	978-3-030-66607-1; 978-3-030-66606-4	2022			http://dx.doi.org/10.1007/978-3-030-66607-1_2

J	Siddaiah, PB; Jayanthi, NK; Managoli, SH		Siddaiah, Premananda Belegahalli; Jayanthi, Nikhil Kiran; Managoli, Samana Hanumanth	Low Power Square Root Carry Select Adder Using AVLS-TSPC-Based D Flip-Flop	ELECTRICA	Article			Speed, power, and area are the parameters to be considered while designing any Integrated circuits including adder circuits. Low-power computation circuits play an important role in the very large-scale integration (VLSI) industry. Carry select adder (CSLA) Is one of the fastest adders available and used to combat	[Siddaiah, Premananda Belegahalli; Jayanthi, Nikhil Kiran; Managoli, Samana Hanumanth] RV Coll Engn, Dept Elect & Telecommun Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	3	ISTANBUL UNIV-CERRAHPASA			2022	22	1	http://dx.doi.org/10.5152/electrica.2021.21024

J	Girish, KH; Sainnath, PV; Rasoor, PB		Girish, K. H.; Sainnath, P., V; Rasoor, Pavankumar B.	Structure-property study of pristine and dehydrofluorinated poly(vinylidene fluoride) using density functional theory	MONATSHEFTE FUR CHEMIE	Article			This study theoretically evaluates the geometrical and piezoelectric properties of pristine polyvinylidene fluoride (PVDF) and dehydrofluorinated polyvinylidene fluoride (DHF-PVDF) utilizing density functional theory. The comparative study is performed to evaluate the beta-phase enhancement capability of C=C bonds in PVDF	[Girish, K. H.; Sainnath, P., V; Rasoor, Pavankumar B.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India	R.V. College of Engineering	4	SPRINGER WIEN	0026-9247		2021	152	5	http://dx.doi.org/10.1007/s00706-021-02766-y

C	Ullanat, V; Balamurali, V; Rao, A		Ullanat, Varun; Balamurali, Vinay; Rao, Ananya	A Novel Residual 3-D Convolutional Network for Alzheimer's disease diagnosis based on raw MRI scans	2020 IEEE-EMBS CONFERENCE ON BIOMEDICAL ENGINEERING AND SCIENCES (IECBES 2020): LEADING MODERN HEALTHCARE TECHNOLOGY ENHANCING WELLNESS	Proceedings Paper	IEEE-EMBS Conference on Biomedical Engineering and Sciences (IECBES) - Leading Modern Healthcare Technology Enhancing Wellness	MAR 01-03, 2021	One of the most widely used deep learning architectures for image classification, Convolutional Neural Networks (CNNs) are used in a diverse range of research areas. Over the past five years, CNNs have been extended for use in disease classification and diagnosis based on body imaging data. In this paper, we propose one such CNN	[Ullanat, Varun; Balamurali, Vinay; Rao, Ananya] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	1	IEEE	2374-3220	978-1-7281-4245-6	2021			http://dx.doi.org/10.1109/IECBES48179.2021.9398800

C	Amaresh, C; Jatti, A	Mallick, PK; Balas, VE; Bhoi, AK; Chae, GS	Amaresh, C.; Jatti, Anand	Performance Analysis of Data Communication Using Hybrid NoC for Low Latency and High Throughput on FPGA	COGNITIVE INFORMATICS AND SOFT COMPUTING	Proceedings Paper	International Conference on Cognitive Informatics and Soft Computing (CISC)	APR 09-10, 2019	The perception of the theory of communication network has led to enormous supplanting committed to simplex, duplex system in terms of various scales of interconnecting systems and switches. Each data interactive system needs to have a smart way for the design of efficient and tolerant system in terms of adaptability, versatility	[Amaresh, C.; Jatti, Anand] RV Coll Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-15-1451-7; 978-981-15-1450-0	2020	1040		http://dx.doi.org/10.1007/978-981-15-1451-7_9

C	Suma, B; Shobha, G	Auer, ME; Ram, BK	Suma, B.; Shobha, G.	A Greedy Approach to Hide Sensitive Frequent Itemsets with Reduced Side Effects	CYBER-PHYSICAL SYSTEMS AND DIGITAL TWINS	Proceedings Paper	16th International Conference on Remote Engineering and Virtual Instrumentation (REV)	FEB 04-06, 2019	Frequent itemsets mining discovers associations present among items from a large database. However, due to privacy concerns some sensitive frequent itemsets have to be hidden from the database before delivering it to the data miner. In this paper, we propose a greedy approach which provides an optimal solution for	[Suma, B.; Shobha, G.] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-3370	978-3-030-23162-0; 978-3-030-23161-3	2020	80		http://dx.doi.org/10.1007/978-3-030-23162-0_77

C	Sharma, CAA; Kumar, ASKSV; Prasad, A; Begum, R; Sharvani, GS; Manjunath, AE		Sharma, Anirudh C. A.; Kumar, A. S. Karthik Sai Vishnu; Prasad, Akhil; Begum, Reshma; Sharvani, G. S.; Manjunath, A. E.	Multifaceted Bio-medical applications of Exoskeleton: A review	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON INVENTIVE SYSTEMS AND CONTROL (ICISC 2018)	Proceedings Paper	2nd International Conference on Inventive Systems and Control (ICISC)	JAN 19-20, 2018	The purpose of this survey is to review the various applications of exoskeletons in the field of bio-medicine. Exoskeletons have shown huge promise in improving the lives of patients who suffer from partial or complete paralysis of the upper and lower limbs. They have been used to enhance the motion of the limbs in patients who suffer from partial paralysis, to	[Sharma, Anirudh C. A.; Kumar, A. S. Karthik Sai Vishnu; Prasad, Akhil; Begum, Reshma; Sharvani, G. S.; Manjunath, A. E.] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	7	IEEE		978-1-5386-0807-4	2018			

C	Vidya, MJ; Padmaja, KV		Vidya, M. J.; Padmaja, K., V	Enhancing Security Of Electronic Patient Record Using Watermarking Technique	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	The security of 'Electronic Patient Record' (EPR) data, in hospitals, gains prime importance for Safety of hospital records and wireless transmission of medical information. The internet image/medical data has led to an efficient, secure and quicker transmission of confidential EPR. An EPR navigating between hospitals through the network	[Vidya, M. J.; Padmaja, K., V] RV Coll Engn, Dept Elect & Instrumentat Engn, Bengaluru 560059, India	R.V. College of Engineering	4	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.341

J	Rajeswari, M; Agrawal, P; Rao, NN; Sharma, A; Hiremath, L; Tippareddy, KS; Shivandappa		Rajeswari, M.; Agrawal, Pushpa; Rao, Nagashree N.; Sharma, Ashwani; Hiremath, Lingayya; Tippareddy, K. S.; Shivandappa	Modelling and efficiency assessment of the up flow fixed bed process packed with Moringa oleifera for continuous Cd(II) removal from drinking water	JOURNAL OF MOLECULAR STRUCTURE	Article			The biosorption ability of 'Moringa oleifera' seed powder for the expulsion of cadmium from wastewater was investigated by performing packed column tests. Column tests were conducted as a function of biosorbent dose, influent flow rate and feed sorbate concentration. The findings from	[Rajeswari, M.; Agrawal, Pushpa; Rao, Nagashree N.; Sharma, Ashwani; Hiremath, Lingayya; Tippareddy, K. S.; Shivandappa] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, India	R.V. College of Engineering	2	ELSEVIER	0022-2860		2021	1236		http://dx.doi.org/10.1016/j.molstruc.2021.130328

C	Nama, V; Hegde, V; Babu, BS		Nama, Vihaan; Hegde, Vinay; Babu, B. Satish	Sentiment Analysis of Movie Reviews: A Comparative Study between the Naive-Bayes Classifier and a Rule-based Approach	2021 INTERNATIONAL CONFERENCE ON INNOVATIVE TRENDS IN INFORMATION TECHNOLOGY (ICITIIT)	Proceedings Paper	International Conference on Innovative Trends in Information Technology (ICITIIT)	FEB 11-12, 2021	Movie reviews are vital in telling the viewer whether a movie is worth watching or not. They can be classified into textual and non-textual movie reviews. While non-textual movie reviews (stars) give the user information as to how the movie fairs, textual movie reviews give the user a more detailed picture on	[Nama, Vihaan; Hegde, Vinay; Babu, B. Satish] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-6654-0467-9	2021			http://dx.doi.org/10.1109/ICITIIT51526.2021.9399610

C	Srinivasan, S; Deepa; Sanjana, GK	Bavan, S; Sreenivasa, RM	Srinivasan, S.; Deepa; Sanjana, G. K.	Investigation of Aerodynamic Characteristics of a Typical T-Tail Box Wing Aircraft	ADVANCED TRENDS IN MECHANICAL AND AEROSPACE ENGINEERING (ATMA-2019)	Proceedings Paper	International Conference on Advanced Trends in Mechanical and Aerospace Engineering (ATMA)	NOV 07-09, 2019	The aeronautical industry has been facing significant economic and environmental challenges in regards of fuel consumption. Non-planar aircraft configurations are found to be one of the feasible alternatives that can overcome these issues. They improve aerodynamic performance by reducing	[Srinivasan, S.; Deepa; Sanjana, G. K.] RV Coll Engn, Dept Aerosp Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-4059-3	2021	2316		http://dx.doi.org/10.1063/5.0037306

C	Mandadi, AS; Gooty, SA; Kumari, MU; Badiger, SD		Mandadi, Ajay Sharma; Gooty, Siva Aditya; Kumari, M. Uttara; Badiger, Sujata D.	Copula Based Moving Vehicle Classification in Compressive Domain without Signal Reconstruction	2019 10TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	Proceedings Paper	10th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	JUL 06-08, 2019	Economical, optimal and accurate solutions for vehicle/personnel detection is becoming increasingly important especially in the defense domain, border surveillance and other urban infrastructural operations. It is important that only a minimal number of data samples are used to arrive at an accurate decision	[Mandadi, Ajay Sharma; Gooty, Siva Aditya; Kumari, M. Uttara; Badiger, Sujata D.] RV Coll Engn, Dept Elect & Commun, Bengaluru, India	R.V. College of Engineering	0	IEEE	2162-7665	978-1-5386-5906-9	2019			

C	Mahalakshmi, AS; Moharir, M	Sa, PK; Bakshi, S; Hatzilygeroudis, IK; Sahoo, MN	Mahalakshmi, A. Soumya; Moharir, Minal	Ashtadhyayi-An Experimental Approach to Enhance Programming Languages and Compiler Design Using Panini's Grammar	RECENT FINDINGS IN INTELLIGENT COMPUTING TECHNIQUES, VOL 3	Proceedings Paper	5th International Conference on Advanced Computing, Networking, and Informatics (ICACNI)	JUN 01-03, 2017	The astonishing foresight and vision of ancient scientists remain unparalleled. They augmented the conversations and thoughts about philosophy and science, often revealing structured explanations for phenomena that were way ahead of their time. One such instance is the emergence of the Sanskrit	[Mahalakshmi, A. Soumya; Moharir, Minal] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-10-8633-5; 978-981-10-8632-8	2018	709		http://dx.doi.org/10.1007/978-981-10-8633-5_1

C	Mamtha, V; Murthy, HNN; Authade, P; Sridhar, R		Mamtha, V; Murthy, Narasimha H. N.; Authade, Pramod; Sridhar, R.	Study of Electrospun fiber diameter using ANSOFT and ANSYS	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Highly controllable electrostatic field parameters are essential to achieve the expected size and properties of the electrospun nanofibres. The main objective of this research was to predict diameter of electrospun fibres by numerical and analytical approaches. Finite Element Analysis was carried out for the electric field	[Mamtha, V; Murthy, Narasimha H. N.; Authade, Pramod; Sridhar, R.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.565

J	Shivaswamy, RH; Anantha padmanabha, VKB; Kusanur, R		Shivaswamy, Rashmi Hulimane; Ananthapadmanabha, Vishnumurthy Kanive Bagilu; Kusanur, Raviraj	Highly sensitive acetone sensor based on conjugated polymer nanocomposites	POLYMERS FOR ADVANCED TECHNOLOGIES	Article			A copolymer of pyrrole and o-aminophenol was synthesized by single step oxidative polymerization technique. Two different nanocomposites of copolymer with alpha-Fe2O3 and Co-alpha-Fe2O3 were prepared and acetone sensing property of both composites were studied at room temperature with different	[Shivaswamy, Rashmi Hulimane; Ananthapadmanabha, Vishnumurthy Kanive Bagilu; Kusanur, Raviraj] RV Coll Engn Bengaluru, Dept Chem, Bengaluru, India; [Ananthapadmanabha, Vishnumurthy Kanive Bagilu; Kusanur, Raviraj] RV Coll Engn Bengaluru, Dept Chem, Bengaluru 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	0	WILEY	1042-7147		2023	34	4	http://dx.doi.org/10.1002/pat.5956

C	Anata, MR; Kaganurmath, S		Anata, M. R.; Kaganurmath, Sharadadevi	Study on parameters influencing the VM migration in datacenters	2021 11TH INTERNATIONAL CONFERENCE ON CLOUD COMPUTING, DATA SCIENCE & ENGINEERING (CONFLUENCE 2021)	Proceedings Paper	11th International Conference on Cloud Computing, Data Science and Engineering (Confluence)	JAN 28-29, 2021	The desired attributes of datacenter gained from virtual machine migration are Fault tolerance, Load balancing, high availability, energy saving and disaster recovery. The datacenter administrator initiates Virtual Machine (VM) migration and as part of the migration process it is necessary to make an intelligent decision to recognize a	[Anata, M. R.; Kaganurmath, Sharadadevi] RV Coll Engn, Dept Informat Sci & Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-6654-1451-7	2021			http://dx.doi.org/10.1109/Confluence51648.2021.9377170

J	Girisha, VA; Joshi, MM; Kirthan, LJ; Bharatish, A; Hegde, R		Girisha, V. A.; Joshi, Manoj M.; Kirthan, L. J.; Bharatish, A.; Hegde, Ramakrishna	Thermal fatigue analysis of H13 steel die adopted in pressure-die-casting process	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	Article			The thermal fatigue of die casting die steels causes reduction in tool life and seriously affects the surface conditions such as microstructure, hardness, surface finish and residual stresses. The improvement of die life by suitably modifying the die design assumes utmost importance for die designers. In this regard, a key issue is	[Girisha, V. A.; Joshi, Manoj M.; Kirthan, L. J.; Bharatish, A.; Hegde, Ramakrishna] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	8	SPRINGER INDIA	0256-2499		2019	44	6	http://dx.doi.org/10.1007/s12046-019-1111-3

C	Bajpai, A; Anuraj, AR; Shakthivel, G; Premananda, BS		Bajpai, Archit; Anuraj, A. R.; Shakthivel, G.; Premananda, B. S.	Design of Low Power and High-Speed 16-bit Square Root Carry Select Adder using AL	2018 3RD INTERNATIONAL CONFERENCE ON CIRCUITS, CONTROL, COMMUNICATION AND COMPUTING (I4C)	Proceedings Paper	3rd International Conference on Circuits, Control, Communication and Computing (I4C)	OCT 03-05, 2018	Design of low power and high speed circuits is one of the challenging tasks in ICs. Adders are the basic building blocks of ALU, MAC, Filters, etc. Carry propagation delay serves as a major bottleneck in any adder's performance. To alleviate this problem, the Carry select adder (CSLA) is proposed. CSLA is a high-speed	[Bajpai, Archit; Anuraj, A. R.; Shakthivel, G.; Premananda, B. S.] RVCE, Dept Telecommun, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-8487-0	2018			

C	Krishnan, SSN	Smys, S; Bestak, R; Chen, JIZ; Kotuliak, I	Krishnan, S. S. Nagamuthu	Denial of Service (DoS) Detection in Wireless Sensor Networks Applying Geometrically Varying Clusters	INTERNATIONAL CONFERENCE ON COMPUTER NETWORKS AND COMMUNICATION TECHNOLOGIES (ICCNCT 2018)	Proceedings Paper	International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT)	APR 26-27, 2018	Wireless Sensor Networks (WSN) have great benefits of reduced costs, lesser scalability factor, and can be employed upon complex and dangerous locations for the purpose of control/automation of tasks and for sensing, processing, sharing/forwarding data. Denials of service (DoS) attacks hinder the regular functioning of such	[Krishnan, S. S. Nagamuthu] RV Coll Engn, Dept MCA, Bengaluru 560060, India	R.V. College of Engineering	1	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-981-10-8681-6; 978-981-10-8680-9	2019	15		http://dx.doi.org/10.1007/978-981-10-8681-6_93

C	Devaraj, D; Kumar, SCP	Abraham, A; Cherukuri, AK; Madureira, AM; Muda, AK	Devaraj, Deepashree; Kumar, S. C. Prasanna	Robust Detection of Hard Exudates for Diagnosis of Non-proliferative Diabetic Retinopathy Using Integrated Approach	PROCEEDINGS OF THE EIGHTH INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND PATTERN RECOGNITION (SOCPAR 2016)	Proceedings Paper	8th International Conference on Soft Computing and Pattern Recognition (SoCPaR) / 8th International Conference on Computational Aspects of Social Networks (CASoN)	DEC 19-21, 2016	Diabetic retinopathy is seen in an individual suffering from diabetes for a long time. It is one of the main driving reasons for blindness. The severity of the disease will increase if it is not detected in the early stages. There will be formation of lesions in retina due to diabetes. Exudates are formed when the lipid is leaked from	[Devaraj, Deepashree; Kumar, S. C. Prasanna] RVCE, Dept Elect & Instrumentat Engn, Bengaluru 560059, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-319-60618-7; 978-3-319-60617-0	2018	614		http://dx.doi.org/10.1007/978-3-319-60618-7_52

C	Lalitha, VP; Rangaswamy, S; Gouthami, CR; Balaj, TJ; Kumar, P; Dolli, RG		Lalitha, V. P.; Rangaswamy, Shanta; Gouthami, C. R.; Balaj, Jai T.; Kumar, Pramod; Dolli, Rajashekhar G.	Satellite Image Enhancement Using Neural Networks	PROCEEDINGS OF THE 2018 3RD INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT 2018)	Proceedings Paper	3rd International Conference on Inventive Computation Technologies (ICICT)	NOV 15-16, 2018	Satellite imagery has revolutionized earth's civilization. It allowed human beings to explore many hidden wonders of earth, it allowed to uncover many unexplored places and discovered Iceland's, volcanoes, forests, natural resources and many more. Satellite imagery has improved exponentially in the millennium. Satellites are used to	[Lalitha, V. P.; Rangaswamy, Shanta; Gouthami, C. R.; Balaj, Jai T.; Kumar, Pramod; Dolli, Rajashekhar G.] RV Coll Engn, Dept CSE, Bangalore, Karnataka, India	R.V. College of Engineering	1	IEEE		978-1-5386-4985-5	2018			

C	Rajeswari, M; Agrawal, P; Roopa, GS; Jain, AA; Gupta, PK		Rajeswari, M.; Agrawal, Pushpa; Roopa, G. S.; Jain, Akshay A.; Gupta, Praveen Kumar	Green Synthesis and Characterization of Multifunctional Zinc Oxide Nanomaterials using Extract of Moringa Oleifera Seed	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Zinc oxide is highly attractive multifunctional material with its unique properties such as antifungal, antibacterial, semiconducting, UV filtering and piezo electric properties. Being nontoxic, bio safe, biocompatible material, it is used in extensive applications in biomedical, high performance nanosensors, solar cells, cosmetics	[Rajeswari, M.; Agrawal, Pushpa; Roopa, G. S.; Jain, Akshay A.; Gupta, Praveen Kumar] RV Coll Engn, Dept Biotechnol, Bangalore 560059, Karnataka, India	R.V. College of Engineering	7	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.491

J	Jasmine, KS; Raj, R; Naik, MM		Jasmine, K. S.; Raj, Rishav; Naik, Mahalakshmi Mabla	A New Content-Based Search Mechanism for Image Retrieval Search Engine	INTERNATIONAL JOURNAL OF INFORMATION RETRIEVAL RESEARCH	Article			In the growing world of technology, where everything is available in just one click, the user expectations have increased with time. In the era of search engines, where Google and Yahoo are providing the facility to search through text and voice and image, it has become a complex work to handle all the operations, and a lot	[Jasmine, K. S.; Raj, Rishav; Naik, Mahalakshmi Mabla] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	0	IGI GLOBAL	2155-6377		2022	12	1	http://dx.doi.org/10.4018/IJIRR.289611

J	Kulkarni, P; Cauvery, NK		Kulkarni, Poornima; Cauvery, N. K.	Personally Identifiable Information (PII) Detection in the Unstructured Large Text Corpus using Natural Language Processing and Unsupervised Learning Technique	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Personally Identifiable Information (PII) has gained much attention with the rapid development of technologies and the exploitation of information relating to an individual. The corporates and other organizations store a large amount of information that is primarily disseminated in the form of emails that include	[Kulkarni, Poornima; Cauvery, N. K.] RV Coll Engn, Dept ISE, Bengaluru, India	R.V. College of Engineering	2	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2021	12	9	

C	Noronha, NP; Krishna, M		Noronha, Naveen Prakash; Krishna, Munishamaih	Aerodynamic performance comparison of airfoils suggested for small horizontal axis wind turbines	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering (SME)	DEC 22-23, 2020	The objective of the present research work is to identify a suitable airfoil for the design of a small horizontal axis wind turbine. For the present study, different kinds of airfoils suggested for small horizontal axis wind turbines were selected from the wind turbine database and published literature. The selected	[Noronha, Naveen Prakash; Krishna, Munishamaih] R V Coll Engn, Mysore Rd, Bengaluru 560059, India	R.V. College of Engineering	3	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2021.01.359

J	Padma, U; Kumaraswamy, HV; Ravishankar, S		Padma, Usha; Kumaraswamy, H., V; Ravishankar, S.	Development of Relay Selection Method for Audio Transmission in Cooperative Ad Hoc Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			The quality of service parameters, such as Latency and Bit error rate for audio transmission in IEEE 802.11b Wireless ad hoc network are analyzed in this paper. The issue addressed here is that the quality of the audio, when transmitted directly from source to destination in ad hoc network is low. This can be improved by	[Padma, Usha; Kumaraswamy, H., V] RVCE, Dept TCE, Bengaluru, India; [Ravishankar, S.] RVCE, Dept ECE, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	0	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2020	11	10	

C	Nataraj, JR; Bagali, PY; Krishna, M; Vijayakumar, MN		Nataraj, J. R.; Bagali, Praveen Y.; Krishna, M.; Vijayakumar, M. N.	Development of Silver Doped Titanium Oxide Thin films for Gas Sensor Applications	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 20-22, 2016	Gas sensors find numerous applications in fields of automotives, medical, industries and others. A number of studies focused on synthesis of silver doped titanium dioxide films with various doping concentrations of silver. The objective of the research work is to optimize gas sensing properties of Ag-TiO2 thin films using orthogonal array	[Nataraj, J. R.; Bagali, Praveen Y.; Krishna, M.] RV Coll Engn, Bengaluru 560059, India	R.V. College of Engineering	9	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.345

C	Uttam, R; Mantri, A; Rakhecha, S; Arabi, S		Uttam, R.; Mantri, Aatman; Rakhecha, Surabhi; Arabi, Supreet	Evaluation of performance of Cloud based Neural Network models on Arrhythmia Classification	2018 SEVENTH IEEE INTERNATIONAL CONFERENCE ON CLOUD COMPUTING IN EMERGING MARKETS (CCEM)	Proceedings Paper	7th IEEE International Conference on Cloud Computing in Emerging Markets (CCEM)	NOV 23-24, 2018	Arrhythmia classification is always a subject of keen interest in medical sciences as it aids the diagnostic process. Cloud-based real-time cardiac monitoring models are emerging in the market. These monitoring models can compute very intensive tasks in real time and have found a lot of application in Medical Diagnostics. Several cloud-based	[Uttam, R.] RVCE, Elect & Commun, Bengaluru, India; [Mantri, Aatman] RVCE, Comp Sci, Bengaluru, India; [Rakhecha, Surabhi] RVCE, Elect & Instrumentat, Bengaluru, India; [Arabi, Supreet] RVCE, Biotechnol, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	0	IEEE	2375-8260	978-1-5386-9441-1	2018			http://dx.doi.org/10.1109/CCEM.2018.00013

C	Ashik, KP; Sharma, RS; Guptha, VLJ		Ashik, K. P.; Sharma, Ramesh S.; Guptha, V. L. Jagannatha	Investigation of moisture absorption and mechanical properties of natural /glass fiber reinforced polymer hybrid composites	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	The importance of natural fiber reinforced composites is rapidly developing both in terms of engineering application and research field. These natural fibers are completely renewable, environmental friendly, high specific strength, non-abrasive, low cost, biodegradability. Hence the objective of this research work is to	[Ashik, K. P.; Sharma, Ramesh S.; Guptha, V. L. Jagannatha] RVCE, R&D Ctr, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	31	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2018.01.099

C	Bhargav, J; Shourya, TR; Anantharaman, A; Chinmay, C; Rao, KU; Salanke, GR		Bhargav, Jayanth; Shourya, T. R.; Ananthara man, Arti; Chinmay, C.; Rao, K. Uma; Salanke, Girish Rao	Parametrics for the choice of Embedded Systems and Control Algorithms for Application Specific Robot Designs	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON INVENTIVE SYSTEMS AND CONTROL (ICISC 2018)	Proceedings Paper	2nd International Conference on Inventive Systems and Control (ICISC)	JAN 19-20, 2018	Micro controller contains one or more processor cores along with peripheral devices and memory. Micro-controllers find extensive use in embedded system applications such as automobile engine control systems, bio-medical devices, electronic appliances, etc. They are specific to a particular task, are small and compact in	[Bhargav, Jayanth; Shourya, T. R.; Anantharam an, Arti; Chinmay, C.; Rao, K. Uma; Salanke, Girish Rao] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	2	IEEE		978-1-5386-0807-4	2018			

C	Reddy, HVM; Manjunath, RK		Reddy, Manjunatha H., V; Manjunath, R. K.	Design and Simulation of Ku-band Voltage Tuned Dielectric Resonator Oscillator	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	In wireless communication systems like satellite communication, radar, avionics, navigation and electronic warfare, etc., the signal sources are necessary and integral part of front-end module. Many of front-end and up/down converter subsystem require local oscillators with low phase noise and high temperature stability as requirement	[Reddy, Manjunatha H., V; Manjunath, R. K.] RV Coll Engn, Dept Telecommun, Bengaluru, India	R.V. College of Engineering	2	IEEE		978-1-5386-3521-6	2018			

C	Songara, H; Varma, DR; Jamadagni, AS; Shreya, KS; Badiger, S		Songara, Harsh; Varma, Dandu Rithika; Jamadagni, Adarsh S.; Shreya, K. S.; Badiger, Sujatha	Intersection over Area: A Sensor Fusion Algorithm for Accurate Distance Estimation in Autonomous Vehicles	2022 IEEE 19TH INDIA COUNCIL INTERNATIONAL CONFERENCE, INDICON	Proceedings Paper	19th IEEE-India-Council International Conference (INDICON)	NOV 24-26, 2022	Perception is one of the main tasks in the functioning of autonomous vehicles. It employs sensors to carry out the detection of objects in the vicinity of the vehicle and the estimation of distance from the vehicle to the detected objects. Sensors of a singular modality have their own individual drawbacks, which can be superseded	[Songara, Harsh; Varma, Dandu Rithika; Jamadagni, Adarsh S.; Shreya, K. S.; Badiger, Sujatha] RV Coll Engn, Dept ECE, Bengaluru, India	R.V. College of Engineering	0	IEEE	2325-940X	978-1-6654-7350-7	2022			http://dx.doi.org/10.1109/INDICON56171.2022.10039934

J	Vishnu murthy, KA; Girish, KH		Vishnumurthy, K. A.; Girish, K. H.	Synthesis, photophysical, electrochemical and computational study of indolocarbazole based donor acceptor type conjugated polymers	CHEMICAL PAPERS	Article			This research reports the synthesis and characterization of two new donor-acceptor type conjugated polymers carrying indolocarbazole as donor, benzothiadiazole and diketopyrrolopyrrole as acceptor via stille coupling polymerization reactions. The structures of the polymer were established by spectrosconi	[Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Girish, K. H.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	SPRINGER INTERNATIONAL PUBLISHING AG	2585-7290		2021	75	5	http://dx.doi.org/10.1007/s11696-020-01445-2

C	Pujar, NV; Nanjundaradhya, NV; Sharma, RS	Kumar, GCM; Doddamani, MR	Pujar, Nagabhushan, V; Nanjundaradhya, N., V; Sharma, Ramesh S.	Experimental Studies on the Tensile and Flexural Properties of Epoxy Based Unidirectional Glass/Carbon Interlayer Hybrid Composites	ADVANCES IN POLYMER COMPOSITES: MECHANICS, CHARACTERIZATION AND APPLICATIONS	Proceedings Paper	2nd International Conference on Polymer Composites (ICPC)	DEC 14-15, 2018	There is always a need for developing composite materials with high specific stiffness, high specific strength, better damping properties at reduced cost. Hybrid composites are emerging as a viable solution wherein in better performance at an optimum cost are required compared to conventional	[Pujar, Nagabhushan, V; Nanjundaradhya, N., V; Sharma, Ramesh S.] RV Coll Engn, Dept Mech Engn, R&D Ctr, Bengaluru 560059, India	R.V. College of Engineering	2	AMER INST PHYSICS	0094-243X	978-0-7354-1785-4	2019	2057		http://dx.doi.org/10.1063/1.5085612

C	D'Souza, S		D'Souza, Sachith	Improving Performance of Ceiling Fan through EAC and Energy Saving by Smart Automation: A review	2018 4TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	Proceedings Paper	4th International Conference for Convergence in Technology (I2CT)	OCT 27-28, 2018	Comfort vs Energy Saving is a biggest concern that is faced by mankind. There usually exists a trade-off between them. In the modern world of Power Electronic Controllers and Smart Automation Systems it is necessary to use minimal power and achieve high efficiency, thereby minimize losses without compromisi	[D'Souza, Sachith] RV Coll Engn, Dept EEE, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-5232-9	2018			

C	Pradeep, KS; Nagendra, NN; Manjunath, RK		Pradeep, K. S.; Nagendra, N. N.; Manjunath, R. K.	Design and Simulation of Slotted Waveguide Antenna Array for X-Band Radars	2018 4TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	Proceedings Paper	4th International Conference for Convergence in Technology (I2CT)	OCT 27-28, 2018	Modern radars are widely employed in the field of defence, civil application and communication for target detection, tracking and ranging. Such radars are commonly designed to operate in X-band. The performance of the antenna must not degrade due to extreme changes in temperature and pressure. One such	[Pradeep, K. S.; Nagendra, N. N.; Manjunath, R. K.] RVCE, Dept Telecommun Engn, Bengaluru 560059, India	R.V. College of Engineering	0	IEEE		978-1-5386-5232-9	2018			

C	Shenoy, A; Reddy, CM; Padma, MS; Niranjan, V; Rao, NN		Shenoy, Anjali; Reddy, Chandan M.; Padma, Shree M.; Niranjan, Vidya; Rao, Nagashree N.	Evaluation of alternative bio-receptors for pesticide detection	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Accumulation of pesticide due to its overuse and recalcitrant property is a major problem owing to its well-established toxicity in living systems, thus creating a need for designing strategies for in-situ detection and monitoring. Enzymatic biosensors provide advantages over conventional chromatographic detection	[Shenoy, Anjali; Reddy, Chandan M.; Padma, Shree M.; Niranjan, Vidya; Rao, Nagashree N.] RV Coll Engn, Mysuru Rd, Bengaluru 560059, India	R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.488

C	Srikanth, KR; Manjunath, RK		Srikanth, K. R.; Manjunath, R. K.	Impact of Reference Clock and Filtering on the Performance of Direct Digital Synthesizer	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	Currently Direct Digital Synthesizers (DDS) are becoming more popular for the generation of multiple frequency signals. Conventional method for generating multiple signals is to use different standalone frequency synthesizers or signal sources without any external filtering. In DDS multiple signals can be generated	[Srikanth, K. R.; Manjunath, R. K.] RV Coll Engn, RF & Microwave Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-3521-6	2018			

J	Padmavathi, P; Chandrashekar, K; Setlur, AS; Niranjan, V		Padmavathi, P.; Chandrashekar, K.; Setlur, Anagha S.; Niranjan, Vidya	MutaXome: A Novel Database for Identified Somatic Variations of In silico Analyzed Cancer Exome Datasets	CANCER INFORMATICS	Article			Advancements in the field of cancer research have enabled researchers and clinicians to access a massive amount of data to aid cancer patients and to add to the existing knowledge of research. However, despite the existence of reliable sources for extricating this data. it remains a challenge to accurately comprehend and draw conclusions based on	[Padmavathi, P.; Chandrashekar, K.; Setlur, Anagha S.; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	4	SAGE PUBLICATIONS LTD			2022	21		http://dx.doi.org/10.1177/11769351221097593

C	Chawla, R; Deshpande, S; Manas, MN; Chhabria, S; Krishnappa, HK	Sa, PK; Bakshi, S; Hatzilygeroudis, IK; Sahoo, MN	Chawla, Rahul; Deshpande, Sagar; Manas, M. N.; Chhabria, Saahil; Krishnappa, H. K.	Vertex Magic Total Labelling and Its Application in Cryptography	RECENT FINDINGS IN INTELLIGENT COMPUTING TECHNIQUES, VOL 1	Proceedings Paper	5th International Conference on Advanced Computing, Networking, and Informatics (ICACNI)	JUN 01-03, 2017	Vertex magic total labelling, VMTL, of a graph G is a labelling concept wherein for each vertex, the sum of all the weights of incident edges on a vertex and the weight of the vertex is a constant, and this constant is known as magic constant. VMTL is a labelling which generates constant, unique number patterns for a particular graph. Such	[Chawla, Rahul; Deshpande, Sagar; Manas, M. N.; Chhabria, Saahil; Krishnappa, H. K.] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-10-8639-7; 978-981-10-8638-0	2019	707		http://dx.doi.org/10.1007/978-981-10-8639-7_13

C	Koppad, SH; Kumar, SA	Hemanth, J; Fernando, X; Lafata, P; Baig, Z	Koppad, Shrikant H.; Kumar, S. Anupama	Application of Seasonal Analytics in HealthCare Sector	INTERNATIONAL CONFERENCE ON INTELLIGENT DATA COMMUNICATION TECHNOLOGIES AND INTERNET OF THINGS, ICICI 2018	Proceedings Paper	International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI)	AUG 07-08, 2018	Healthcare organization generate huge amount of structured and unstructured data by its different stakeholders. It is challenging to design and integrate data from heterogeneous sources in a meaningful form, manipulate the data according to the business requirement, flush out unwanted data from the warehouse and	[Koppad, Shrikant H.; Kumar, S. Anupama] Rashtreeya Vidyalaya Coll Engn, Dept MCA, Bengaluru 560059, India	R.V. College of Engineering	1	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-03146-6; 978-3-030-03145-9	2019	26		http://dx.doi.org/10.1007/978-3-030-03146-6_123

C	Thashrifa, KK; Bhagya, R	Sridhar, V; Padma, MC; Rao, KAR	Thashrifa, K. K.; Bhagya, R.	Improved WEMER Protocol for Data Aggregation in Wireless Sensor Networks	EMERGING RESEARCH IN ELECTRONICS, COMPUTER SCIENCE AND TECHNOLOGY, ICERECT 2018	Proceedings Paper	3rd International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	AUG 23-24, 2018	The wireless sensor networks are the decentralized and self-configuring network in which sensor nodes can sense the surrounding environment and pass the information to the base station. Due to decentralized nature and distant deployment, the consumption of energy is one of the major issues of wireless sensor networks	[Thashrifa, K. K.; Bhagya, R.] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	1876-1100	978-981-13-5802-9; 978-981-13-5801-2	2019	545		http://dx.doi.org/10.1007/978-981-13-5802-9_81

J	Firdosh, S; Murthy, HNN; Angadi, G; Raghavendra, N		Firdosh, Salim; Murthy, H. N. Narasimha; Angadi, Gangadhar; Raghavendra, N.	Investigation of water absorption characteristics of nano-gelcoat for marine application	PROGRESS IN ORGANIC COATINGS	Article			This paper presents moisture diffusion behaviour of nano-gelcoat based on vinylester and Isophthalic polyester. Hydrolysis and influence of nanoclay on moisture diffusion of nano-gelcoats were studied using FTIR and gravimetric analysis. The gravimetric data, infrared spectroscopy and glass transition temperature	[Firdosh, Salim; Murthy, H. N. Narasimha; Angadi, Gangadhar] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India; [Raghavendra, N.] RV Coll Engn, Ctr Mfg Res & Technol Utilizat CMRTU, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	12	ELSEVIER SCIENCE SA	0300-9440		2018	114		http://dx.doi.org/10.1016/j.porgcoat.2017.10.004

C	Pallavi, SG; Vishnu murthy, KA; Nataraja n, K		Pallavi, S. G.; Vishnumu rthy, K. A.; Natarajan, K.	Naked eye detection of ammonia gas using diphenylami ne based conjugated polymers	MATERIA LS TODAY-PROCEED INGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Donor acceptor conjugated polymer containing imine linkage in the back bone (P1) was designed and synthesized by copolymeriz ation of Octyl diphenylami ne dialdehyde with p-diaminodiph enyl. The structure of monomers and polymer was characterize d using various techniques. The optical property of	[Pallavi, S. G.; Vishnumurt hy, K. A.; Natarajan, K.] RV Coll Engn, Dept Chem, Bengaluru 560012, India	R.V. College of Enginee ring	2	ELSEVI ER SCIEN CE BV	2214-7853		2018	5	10	http://dx .doi.org/ 10.1016/ j.matpr.2 018.06.5 50

C	Prasanna, A; Pooja, R; Suchithra, V; Ravikumar, A; Niranjan, V		Prasanna, Akshatha; Pooja, R.; Suchithra, V; Ravikumar, Akhil; Niranjan, Vidya	Cloud Based Solutions for Genome Informatics: Challenges and Applications	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 20-22, 2016	Genomic research involves comparison of individuals' genomes and related health data across large datasets to decipher how medical, genetic, and environmental factors interact to cause disease. Advances in computing and next-generation sequencing technologies have made deciphering an individual's genome more rapid and	[Prasanna, Akshatha; Pooja, R.; Suchithra, V; Ravikumar, Akhil; Niranjan, Vidya] Rashtreeya Vidyalaya Coll Engn, Dept Biotechnol, Rashtreeya Vidyalaya Vidyaniketh an Post,Mysuru Rd, Bengaluru 560059, India	R.V. College of Engineering	0	ELSEVIER	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.340

J	Girish, KH		Girish, K. H.	Advances in surface passivation of perovskites using organic halide salts for efficient and stable solar cells	SURFACES AND INTERFACES	Article			Perovskite solar cells have shown tremendous progress in their efficiencies over a short time period. However, limitations such as defects and stability of perovskites have hindered their further progress. The major contributors that decrease the power conversion efficiency and open-circuit voltage of perovskite solar cells are the surface recombinati	[Girish, K. H.] RV Coll Engn, Dept Mech Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	16	ELSEVIER	2468-0230		2021	26		http://dx.doi.org/10.1016/j.surfin.2021.101420

J	Kavitha, D; Renumadhavi, CH		Kavitha, D.; Renumadhavi, C. H.	An efficient multilayer deep detection perceptron (MLDDP) methodology for detecting testicular anomalies with or without congenital heart disease (TACHD)	JOURNAL OF SUPERCOMPUTING	Article			In the real world, the detection of heart diseases is a challenging process. For detecting testicular anomalies with or without congenital heart disease, 2D ultrasound images through a computer-aided diagnostic support system are favorable. Existing work achieves classification through an adaptive neuro-fuzzy inference system	[Kavitha, D.; Renumadhavi, C. H.] RV Coll Engn, Dept Elect & Instrumentat Engn, Mysore Rd, Bangalore, Karnataka, India	R.V. College of Engineering	3	SPRINGER	0920-8542		2022	78	3	http://dx.doi.org/10.1007/s11227-021-04008-8

C	Thejas, BU; Dhulkhed, SS; Shetty, J; Swamy, SR		Thejas, B. U.; Dhulkhed, Sreedhar S.; Shetty, Jyoti; Swamy, Shantha Ranga	Poverty Detection using Satellite Imagery	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	Proceedings Paper	5th International Conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC)	NOV 11-13, 2021	Developing countries spend a lot of resources in planning and implementing schemes and policies for poverty eradication. To collect data on poverty, it needs a lot of manual labour and consumes a lot of time and money. To make this process easier, this publication proposes to use satellite images to detect economic activity and, as a result, estimate poverty in a	[Thejas, B. U.; Dhulkhed, Sreedhar S.; Shetty, Jyoti; Swamy, Shantha Ranga] RV Coll Engn, Dept Comp Sci, Bengaluru 560059, KA, India	R.V. College of Engineering	0	IEEE		978-1-6654-2642-8	2021			http://dx.doi.org/10.1109/I-SMAC52330.2021.9640823

J	Patil, SR; Murthy, HNN; Srivatsa, GS; Yandigeri, VS; Ramanraj; Meti, B; Angadi, G; Harish, DVN		Patil, Subhash R.; Murthy, H. N. Narasimha; Srivatsa, G. S.; Yandigeri, Viketh S.; Ramanraj; Meti, Basavaraja; Angadi, Gangadhar; Harish, D. V. N.	Study of Vibration Behaviour of Stiffened Polymer Composite Shells for Underwater Structural Applications	DEFENCE SCIENCE JOURNAL	Article			This paper presents vibration behaviour of ring stiffened polymer composite thick shells used for underwater structures. Filament wound shells stiffened with internal and external rings and with hemispherical ends were tested for vibration in air and water in free-free boundary condition using roving hammer	[Patil, Subhash R.; Murthy, H. N. Narasimha; Srivatsa, G. S.; Yandigeri, Viketh S.; Ramanraj; Meti, Basavaraja; Angadi, Gangadhar; Harish, D. V. N.] RV Coll Engn, Bengaluru 560059, India	R.V. College of Engineering	2	DEFENCE SCIENTIFIC INFORMATION DOCUMENTATION CENTRE	0011-748X		2020	70	3	http://dx.doi.org/10.14429/dsj.70.14703

C	Phal, SM; Yatish, HR; Hukkeri, TS; Natarajan, A; Gonchigar, P; Deepamala, N		Phal, Shubham Milind; Yatish, H. R.; Hukkeri, Tanmay Sanjay; Natarajan, Abhiram; Gonchigar, Prathika; Deepamala, N.	ISQNL: Interpretable SQL Query Synthesizer from Natural Language Input	PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON ADVANCED INFORMATION SCIENCE AND SYSTEM, AISS 2019	Proceedings Paper	1st International Conference on Advanced Information Science and System (AISS)	NOV 15-17, 2019	Databases serve as the forefront for most systems today. Structured query language (SQL) is used to access and manipulate the data stored in a relational database. However, most end users have limited knowledge of SQL and thus face difficulties in accessing such systems. In this paper we describe a novel system (ISQNL) to convert a	[Phal, Shubham Milind; Yatish, H. R.; Hukkeri, Tanmay Sanjay; Natarajan, Abhiram; Gonchigar, Prathika; Deepamala, N.] RV Coll Engn, Comp Sci & Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	ASSOC COMPUTING MACHINERY		978-1-4503-7291-6	2019			http://dx.doi.org/10.1145/3373477.3373478

S	Siddaramappa, V; Ramesh, KB	Krishna, AN; Srikantaiah, KC; Naveena, C	Siddaramappa, V.; Ramesh, K. B.	DNA-Based XOR Operation (DNAX) for Data Security Using DNA as a Storage Medium	INTEGRATED INTELLIGENT COMPUTING, COMMUNICATION AND SECURITY	Article; Book Chapter			Recent advances in genetic engineering have enabled the insertion, deletion and modification of original genome sequences of the living cells of organisms. Demand for data storage increases rapidly because of structured and unstructured data from the Internet of Things (IOT), sensors and Big Data. Information security has become a crucial need	[Siddaramappa, V.] VTU, RV Coll Engn, Dept CS&E, Bangalore, Karnataka, India; [Ramesh, K. B.] VTU, RV Coll Engn, Dept IT, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	3	SPRINGER INTERNATIONAL PUBLISHING AG	1860-949X	978-981-10-8797-4; 978-981-10-8796-7	2019	771		http://dx.doi.org/10.1007/978-981-10-8797-4_36

J	Uttarkar, A; Niranjan, V		Uttarkar, Akshay; Niranjan, Vidya	Brefeldin A variant via combinatorial screening acts as an effective antagonist inducing structural modification in EPAC2	MOLECULAR SIMULATION	Article			Drug discovery can be impactful with re-purposing and combinatorial strategies leading to potential pharmaceutical outputs. EPAC isoform inhibition is crucial in vascular functions to prevent chronic inflammation leading to hypertension and myocardial infarction. Current drugs fail to induce a conformational change in EPAC isoforms	[Uttarkar, Akshay; Niranjan, Vidya] Rashtreeya Sikshana Samithi Trust, Dept Biotechnol, RV Coll Engn, Bengaluru, India	R.V. College of Engineering	6	TAYLOR & FRANCIS LTD	0892-7022		2022	48	17	http://dx.doi.org/10.1080/08927022.2022.2110271

J	Thavasimani, K; Srinath, NK		Thavasimani, Karthikayini; Srinath, N. K.	OPTIMAL HYPER-PARAMETER TUNING USING CUSTOM GENETIC ALGORITHM ON DEEP LEARNING TO DETECT TWITTER BOTS	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	Article			Deep learning, an evolution of the machine learning methods, is nowadays successfully used in various applications such as object detection, image recognition, language processing, bot detections, fraud detections, etc. Although its successful exploration in many areas, researchers find difficulties in choosing the network	[Thavasimani, Karthikayini; Srinath, N. K.] RV Coll Engn, Dept Comp Sci & Engn, Mysore Rd,RV Vidyaniketan Post, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	0	TAYLORS UNIV SDN BHD			2022	17	2	

C	Krishna, CV; Rohit, HR; Shanthi, P	Raj, JS; Bashar, A; Ramson, SRJ	Krishna, C., V; Rohit, H. R.; Shanthi, P.	Design of Slotted Microstrip Patch Antenna for 5G Communications	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION	Proceedings Paper	International Conference on Innovative Data Communication Technologies and Application (ICIDCA)	OCT 17-18, 2019	5G is emerging as a significant research topic and it has been a difficult task to design antennas with small sizes which are required for the design of high frequencies that are capable of supporting 5G technology. This paper consists of the design and comparisons between patch and slotted antenna parameters with a	[Krishna, C., V; Rohit, H. R.; Shanthi, P.] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-38040-3; 978-3-030-38039-7	2020	46		http://dx.doi.org/10.1007/978-3-030-38040-3_15

C	Krishna, N; Nagamani, K		Krishna, Nanditha; Nagamani, K.	Glaucoma Diagnosis Using State of Art Image Analysis Techniques: A Comprehensive Survey	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT-2020)	Proceedings Paper	5th International Conference on Inventive Computation Technologies (ICICT)	FEB 26-28, 2020	Glaucoma is a censorious and blindness causing eye disease. Rising of intraocular pressure within the eye is the main aetiology. Glaucoma detection is one of the crucial tasks for ophthalmologists. In recent years, the development of digital imaging and computer vision influenced medical diagnostic systems. Application	[Krishna, Nanditha; Nagamani, K.] RVCE, Dept Telecommun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	1	IEEE		978-1-7281-4685-0	2020			http://dx.doi.org/10.1109/icict48043.2020.9112529

C	Nataraja n, A; Bharat, K; Kaustub h, GR; Praveen, PNS; Moharir , M; Srinath, NK; Subram anya, KN		Natarajan, Abhiram; Bharat, Keshav; Kaustubh, Guru Rajesh; Praveen, Sai P. N.; Moharir, Minal; Srinath, N. K.; Subraman ya, K. N.	An Approach to Real Time Parking Managemen t using Computer Vision	ICCCV 2019: PROCEED INGS OF THE 2ND INTERNA TIONAL CONFERE NCE ON CONTRO L AND COMPUT ER VISION	Proceedings Paper	2nd International Conference on Control and Computer Vision (ICCCV)	JUN 15-18, 2019	Automating vehicle statistics provides vital information that can be used in predicting the flow of traffic. Object detection based systems that use computer vision have produced drastic improvemen ts in results over a sensor based approach. The methodolog y proposed in the paper follows an approach to perform this	[Natarajan, Abhiram; Bharat, Keshav; Kaustubh, Guru Rajesh; Praveen, Sai P. N.; Moharir, Minal; Srinath, N. K.; Subramanya , K. N.] RV Coll Engn, Bangalore, Karnataka, India	R.V. College of Enginee ring	2	ASSOC COMP UTING MACHI NERY		978-1-4503-6322-8	2019			http://dx.doi.org/10.1145/3341016.3341025

J	Sumanth, RM		Sumanth, R. M.	Computation of Eclipse Time for Low-Earth Orbiting Small Satellites	INTERNATIONAL JOURNAL OF AVIATION AERONAUTICS AND AEROSPACE	Article				[Sumanth, R. M.] RV Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	5	EMBRY-RIDDLE AERONAUTICAL UNIV	2374-6793		2019	6	5	

C	Kumari, S; Chaudhary, T; Chandran, V; Lokeshwari, M; Shastry, K	Sahulhameedu, S; Chen, J; Shakya, S	Kumari, Sonali; Chaudhary, Tarun; Chandran, Vivek; Lokeshwari, M.; Shastry, K.	Carbon-Electrolumi nescence: An Organic Approach To Lighting	INTERNATIONAL CONFERENCE ON INVENTIVE RESEARCH IN MATERIAL SCIENCE AND TECHNOLOGY (ICIRMCT 2018)	Proceedings Paper	International Conference on Inventive Research in Material Science and Technology (ICIRMCT)	MAR 23-24, 2018	Over the recent years, quantum dots have garnered massive following and peaked in interest among the scientific community due to their versatility, exotic properties, ease of preparation and low cost. As the demand for faster, reliable and energy efficient electronic devices intensifies, extra emphasis is laid on the development of smart	[Kumari, Sonali; Chaudhary, Tarun; Chandran, Vivek; Lokeshwari, M.; Shastry, K.] RV Coll Engn, Mysore Rd, Bangalore 560059, Karnataka, India	R.V. College of Engineering	2	AMER INST PHYSICS	0094-243X	978-0-7354-1671-0	2018	1966		http://dx.doi.org/10.1063/1.5038697

C	Lokesh, S; Mitta, S; Kalli, SR; Sowmyarani, CN; Sethia, S		Lokesh, Sujay; Mitta, Siddharth; Kalli, Srivardhan Reddy; Sowmyarani, C. N.; Sethia, Shlok	Object Classification based on Spatial Orientation using Ultrasonic sensors	2018 FOURTH INTERNATIONAL CONFERENCE ON COMPUTING COMMUNICATION CONTROL AND AUTOMATION (ICCUBEA)	Proceedings Paper	4th International Conference on Computing Communication Control and Automation (ICCUBEA)	AUG 16-18, 2018	Object Detection in recent times has become less of a monumental task with the help of cameras and other recording devices. The aim of this paper is to come up with a cost effective object detection system with support of ultrasonic sensors. The use of ultrasonic sensors prove to be a cost effective solution when compared traditional	[Lokesh, Sujay; Mitta, Siddharth; Kalli, Srivardhan Reddy; Sowmyarani, C. N.; Sethia, Shlok] RVCE, Comp Sci, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-5257-2	2018			

C	Padmashree, T; Cauvery, NK; Chavan, S	Satapathy, SC; Joshi, A	Padmashree, T.; Cauvery, N. K.; Chavan, Soniya	Performance Analysis of WSN Routing Protocols with Effective Buffer Management Technique	INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS (ICTIS 2017) - VOL 1	Proceedings Paper	2nd International Conference on Information and Communication Technology for Intelligent Systems (ICTIS)	MAR 25-26, 2017	Routing in WSN has dependably been a serious issue of concern mainly because of a few case studies which extend from unfriendly deployment conditions, network topology that change over and over, network failures, resource constraints at each sensor hub to issues in designing of routing protocols. Accordingly, the implementat	[Padmashree, T.; Cauvery, N. K.; Chavan, Soniya] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	1	SPRINGER-VERLAG BERLIN	2190-3018	978-3-319-63673-3; 978-3-319-63672-6	2018	83		http://dx.doi.org/10.1007/978-3-319-63673-3_11

C	Sharma, A; Rao, NN; Krupashankara, MS		Sharma, Ashwani; Rao, Nagashree N.; Krupashankara, M. S.	Development of eco-friendly and biodegradable Bio composites	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Bio composites offer a significant market in automotive and decking market but application in other sectors has been limited. An attempt has been made for the preparation of bio-degradable, eco-friendly green composites using the Coconut fiber and wheat husk weight with corn cob in the varying ratio. The various blends were molded and	[Sharma, Ashwani; Rao, Nagashree N.] RV Coll Engn, Dept Biotechnol, Bengaluru, India; [Krupashankara, M. S.] RV Coll Engn, Dept Mech Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.490

J	Yashwanth, YS		Yashwanth, Y. S.	On-Device Major Indian Language Identification Classifiers to Run on Low Resource Devices	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Language Identification acts a first and necessary step in building intelligent Natural Language Processing (NLP) systems that handle code mixed data. There is a lot of work around this problem, but there is still scope for improvement, especially for local Indian languages. Also, earlier works mostly concentrates on just accuracy of	[Yashwanth, Y. S.] R V Coll Engn, Comp Sci & Engn Dept Bengaluru, Bengaluru, Karnataka, India	R.V. College of Engineering	0	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2022	13	9	

C	Shushrutha, KS; Mahesh, A; Adiga, AK		Shushrutha, K. S.; Mahesh, A.; Adiga, Ashish K.	Hybrid Method to Compute EM-Fields of Multi Gradient Flat Lens-Array Antenna	2022 IEEE WIRELESS ANTENNA AND MICROWAVE SYMPOSIUM (WAMS 2022)	Proceedings Paper	IEEE Wireless Antenna and Microwave Symposium (WAMS)	JUN 05-08, 2022	The flat lens antennas are compact and are easily integrated with the primary radiator. Its applications are in the domain of microwave, optics, and propagation applications. These antennas have flat boundaries and equal phases for any outgoing radiation beam. To analyze a flat lens antenna a simple hybrid method to compute	[Shushrutha, K. S.; Mahesh, A.; Adiga, Ashish K.] RV Coll Engg, Dept ECE, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-6654-5846-7	2022			http://dx.doi.org/10.1109/WAMS54719.2022.9847870

J	Shambulinga, M; Sadashivappa, G		Shambulinga, M.; Sadashivappa, G.	Hyperspectral Image Classification using Convolutional Neural Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Hyperspectral image is well-known for the identification of the objects on the earth's surface. Most of the classifier uses the spectral features and does not consider the spatial features to perform the classification and to recognize the various objects on the image. In this paper, the hyperspectral image is classified based on spectral and spatial features	[Shambulinga, M.; Sadashivappa, G.] RV Coll Engn, Dept Elect & Telecommun Engn, Bengaluru, India	R.V. College of Engineering	1	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2021	12	6	

C	Adish; Jayaram, C; Shanthi, P		Adish; Jayaram, Chaman; Shanthi, P.	Design of GaN HEMT based Doherty Power Amplifier for 5G Applications	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNWC)	Proceedings Paper	International Conference on Mobile Networks and Wireless Communications (ICMNWC)	DEC 03-04, 2021	Due to the upcoming 5G technology there is a wide demand in the wireless sector for power amplifier who can work at such frequencies one of the topologies in power amplifier making is a Doherty Amplifier. This approach makes use of Class-AB and Class-C amplifiers in parallel, and growth within the performance mainly at	[Adish; Jayaram, Chaman; Shanthi, P.] RV Coll Engn, Dept Elect & Telecommun, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-0-7381-4637-9	2021			http://dx.doi.org/10.1109/ICMNWC52512.2021.9688386

J	Smitha, GS; Aradhya, HVR		Smitha, G. S.; Aradhya, H. V. Ravish	mGDI based parallel adder for low power applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	Article; Proceedings Paper	3rd International Conference on Microelectronics, Circuits and Systems (Micro)	JUL 09-10, 2016	The paper discusses a unique method to design low power circuits, which is called Gate Diffusion Input (GDI) method. Complex functions can be implemented using only two transistors by using this method. GDI technique allows for reduced power consumption, lower delay, lesser transistor count and decreased area of	[Smitha, G. S.] RVCE, Dept Elect & Commun, VLSI & Embedded Syst, Bangalore, Karnataka, India; [Aradhya, H. V. Ravish] RVCE, Dept Elect & Commun, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	4	SPRINGER HEIDELBERG	0946-7076		2019	25	5	http://dx.doi.org/10.1007/s00542-017-3438-1

C	Roopa, TS; Murthy, HNN; Kumar, VVP; Krishna, M		Roopa, T. S.; Murthy, H. N. Narasimha; Kumar, Praveen V. V.; Krishna, M.	Development and Characterization of PVDF Thin Films for pressure sensors	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	This paper reports fabrication and characterization of PVDF thin films by spin coating. Effect of PVDF, spinning speed, spinning duration and annealing temperature on beta-phase, roughness and thickness of the thin films was studied using L9 Orthogonal Array. Influence of these parameters on amount	[Roopa, T. S.; Murthy, H. N. Narasimha; Kumar, Praveen V. V.; Krishna, M.] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	18	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.503

J	Girish, KH; Vishnu murthy, KA; Roopa, TS		Girish, K. H.; Vishnumu rthy, K. A.; Roopa, T. S.	Role of conducting polymers in enhancing the stability and performance of perovskite solar cells: a brief review	MATERIALS TODAY SUSTAINABILITY	Review			Perovskites have shown great promise as an efficient light absorption material in solar cells owing to their high carrier mobilities and large charge diffusion lengths. Extensive research is being conducted to improve the stability and performance of these solar cells. In this regard, the introduction of conducting polymers in perovskite	[Girish, K. H.; Roopa, T. S.] RV Coll Engn, Dept Mech Engn, Bengaluru, India; [Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	30	ELSEVIER	2589-2347		2022	17		http://dx.doi.org/10.1016/j.mtsust.2021.100090

C	Dan, V; Vinay, KV; Shambulinga, M		Dan, Vinayak; Vinay, K. V.; Shambulinga, M.	Evaluation of RFID Anti-Collision Protocols Using Java Based Tool	2020 5TH IEEE INTERNATIONAL CONFERENCE ON RECENT TRENDS ON ELECTRONICS, INFORMATION, COMMUNICATION & TECHNOLOGY (RTEICT-2020)	Proceedings Paper	5th IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology (RTEICT)	NOV 12-13, 2020	Reader to reader collision is a common problem in Radio Frequency Identification (RFID) networks where are large number of RFID readers are present close to each other. Motion of readers can further cause difficulty in reading of tags. Evaluation and comparison of anti-collision algorithms must be done using simulation	[Dan, Vinayak; Vinay, K. V.; Shambulinga, M.] RV Coll Engn, Elect & Telecommun Dept, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-7281-9772-2	2020			http://dx.doi.org/10.1109/RTEICT49044.2020.9315563

C	Desai, DB; Kavitha, SN		Desai, Deepak B.; Kavitha, S. N.	Face Anti-spoofing Technique Using CNN and SVM	PROCEEDINGS OF THE 2019 INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL SYSTEMS (ICCS)	Proceedings Paper	International Conference on Intelligent Computing and Control Systems (ICCS)	MAY 15-17, 2019	Nowadays spoofing of face biometrics systems have become very common. The attack is carried out by printed photos, video, masks etc. In a recent study, well known commercial face recognition systems (Face-lock Pro, Visidon, Veriface, Luxand Blink and fast-Access) were easily targeted and fooled	[Desai, Deepak B.; Kavitha, S. N.] RV Coll Engn, Dept Informat Sci & Engn, Bengaluru, India	R.V. College of Engineering	1	IEEE		978-1-5386-8113-8	2019			http://dx.doi.org/10.1109/iccs45141.2019.9065873

C	Nehashree, MR; Raj, SP; Mohana		Nehashree, M. R.; Raj, Pallavi S.; Mohana	Simulation and Performance Analysis of Feature Extraction and Matching Algorithms for Image Processing Applications	PROCEEDINGS OF THE 2019 INTERNATIONAL CONFERENCE ON INTELLIGENT SUSTAINABLE SYSTEMS (ICISS 2019)	Proceedings Paper	International Conference on Intelligent Sustainable Systems (ICISS)	FEB 21-22, 2019	Feature extraction and matching has the limelight in all almost all the fields ranging from biomedical to exploratory research. It has ubiquitous applications in present world that is moving at a breathtaking pace towards automation. The algorithms used for feature extraction are application specific, i.e	[Nehashree, M. R.; Raj, Pallavi S.; Mohana] RV Coll Engn, Telecommun Engn, Bengaluru, India	R.V. College of Engineering	1	IEEE		978-1-5386-7799-5	2019			http://dx.doi.org/10.1109/iss1.2019.8907990

C	Karthik, RS; Prapulla, SB; Shoba, G		Karthik, Siva R.; Prapulla, S. B.; Shoba, G.	Optimized Local Call Routing	2018 10TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	Proceedings Paper	10th International Conference on Communication Systems and Networks (COMSNETS)	JAN 03-07, 2018	The smartphone industry has gained a large user base since the digital revolution. Due to this, even the Telecommunication operators have had a surge in customers. This has led to call tariffs being decided by the operators and frequently users end up paying for more than what they have used. This research paper explores the option of	[Karthik, Siva R.; Prapulla, S. B.; Shoba, G.] RV Coll Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE	2155-2487	978-1-5386-1182-1	2018			

C	Kavitha, SN; Shahila, K; Kumar, SCP		Kavitha, S. N.; Shahila, K.; Kumar, Prasanna S. C.	Biometrics Secured Voting System with Finger Print, Face and Iris Verification	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2018)	Proceedings Paper	2nd International Conference on Computing Methodologies and Communication (ICCMC)	FEB 15-16, 2018	Election has a great effect on the minds of People. It is one of the significant features of our country India. In order to have an impartial elections world is conducting experiments with different technologies. Main objective is designing a Voting system model where it supports impartial Elections. In this project, Aadhar	[Kavitha, S. N.; Kumar, Prasanna S. C.] RV Coll Engn, Bengaluru, Karnataka, India; [Shahila, K.] RV Coll Engn, Dept Informat Sci & Engn, Bengaluru, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	IEEE		978-1-5386-3452-3	2018			

C	Kumari, R; Venkatesh, S		Kumari, Ruchi; Venkatesh, S.	Breast Cancer Imaging Techniques - A Comparative Study	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	This paper presents a comparative study of five different imaging techniques. These techniques play a very important role in detection of abnormalities in the masses by screening the part of our interest. Out of these, Tomosynthesis, which is a 3D imaging technique, allows detection of smaller tumors and smaller microcalcifications than	[Kumari, Ruchi; Venkatesh, S.] RVCE, Dept Elect & Instrumentat Engn, BMSPI, Bangalore, Karnataka, India	R.V. College of Engineering	2	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.364

C	Madhusudan, P; Chellukuri, N; Shivakumar, N		Madhusudan, Phalgun; Chellukuri, Nagendra; Shivakumar, Neeta	Smart packaging of food for the 21st century - A review with futuristic trends, their feasibility and economics	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Smart packaging is about clever ways to package a product, providing quick, cheap and efficient ways to monitor environmental conditions of food in the supply chain. The terms active, intelligent and smart packaging refer to systems used for foods, pharmaceuticals and other products. Nanomaterials have been	[Madhusudan, Phalgun; Chellukuri, Nagendra] RVCE, Dept Elect & Elect Engn, Bangalore 560059, Karnataka, India; [Shivakumar, Neeta] RVCE, Dept Biotechnol, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	20	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.494

C	Herle, H; Padmaja, KV	Singh, M; Tyagi, V; Gupta, PK; Flusser, J; Oren, T; Sonawane, VR	Herle, Harsha; Padmaja, K., V	Machine Learning Based Techniques for Detection of Renal Calculi in Ultrasound Images	ADVANCES IN COMPUTING AND DATA SCIENCES, PT I	Proceedings Paper	5th International Conference on Advances in Computing and Data Sciences (ICACDS)	APR 23-24, 2021	The Ultrasound imaging is a non-invasive procedural technique which is used for detection of kidney diseases in the medical/clinical practice. This work emphasizes on different preprocessing methods to remove the speckle noise, embedded in kidney Ultrasound images. Preprocessing filters like, adaptive median and wiener are	[Herle, Harsha; Padmaja, K., V] RV Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	1865-0929	978-3-030-81462-5; 978-3-030-81461-8	2021	1440		http://dx.doi.org/10.1007/978-3-030-81462-5_41

C	Mahesh, A; Sandhya, S; Keerthana, BR		Mahesh, A.; Sandhya, S.; Keerthana, B. R.	Design of Conformal Multiband Antenna and its Gain Enhancement using Metamaterial Lens	2019 5TH IEEE INTERNATIONAL WIE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (WIECON-ECE 2019)	Proceedings Paper	5th IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (IEEE WIECON-ECE)	NOV 15-16, 2019	This paper presents the design of quad band antenna operating at the frequencies of 3.12 GHz, 3.68 GHz, 4.57 GHz and 5.11 GHz respectively. The simulation and optimization are carried out using IIFSS software. The antenna is designed and fabricated using commercially available FR4 substrate. The gain values	[Mahesh, A.; Sandhya, S.; Keerthana, B. R.] RV Coll Engn, Bangalore 59, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-7281-4499-3	2019			http://dx.doi.org/10.1109/wiecon-ece48653.2019.9019972

C	Amith, V; Sridhar, R; Angadi, G; Prajwal, D; Mamatha, V; Murthy, HNN		Amith, V; Sridhar, R.; Angadi, Gangadhar; Prajwal, D.; Mamatha, V; Murthy, Narasimha H. N.	Development of Electrospinning System for Synthesis of Polyvinylpyrrolidone Thin Films for Sensor Applications	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Electrospinning is a systematic process of elaborating nanofibers by forcing a polymer fluid through a spinneret by the application of electric field. Polyvinylpyrrolidone (PVP) is a hydrophilic polymer that has good film formation properties. PVP thin films are widely used as a sensitive layer in Surface Acoustic Wave (SAW)	[Amith, V; Sridhar, R.; Angadi, Gangadhar; Prajwal, D.; Mamatha, V; Murthy, Narasimha H. N.] RV Coll Engn, Dept Mech Engn, Bengaluru, India	R.V. College of Engineering	8	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.480

C	Harshita, P; Adiga, AR		Harshita, P.; Adiga, Akshay R.	Speech Recognition with Frequency Domain Linear Prediction	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	This paper deals with the main objective to design an efficient algorithm to enhance speech recognition. The conventional speech recognition does not work well in conditions of noise and reverberation. The accuracy and performance of an automatic speech recognition system is dependent on the feature vector	[Harshita, P.; Adiga, Akshay R.] RV Coll Engn, Engn Elect & Commun, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-3521-6	2018			

C	Prasanna, A; Pooja, R; Suchithra, V; Ravikumar, A; Gupta, PK; Niranjan, V		Prasanna, Akshatha; Pooja, R.; Suchithra, V; Ravikumar, Akhil; Gupta, Praveen Kumar; Niranjan, Vidya	Smart Drug Delivery Systems for Cancer Treatment Using Nanomaterials	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	The search for efficient and safe drug delivery systems to achieve better drug availability at the target site with minimal side effects has been a challenging yet exciting area of biomedical research. Smart drug delivery system is an emerging therapeutic approach, currently being used as a conventional model to deliver drug to specific site or target	[Prasanna, Akshatha; Pooja, R.; Suchithra, V; Ravikumar, Akhil; Gupta, Praveen Kumar; Niranjan, Vidya] Rashtreeya Vidyalaya Coll Engn, Dept Biotechnol, Mysuru Rd, Bengaluru 560059, India	R.V. College of Engineering	9	ELSEVIER	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.498

C	Dhanush, M; Anala, MR; Hemavathy, R		Dhanush, M.; Anala, M. R.; Hemavathy, R.	Acoustic Signal Detection of search-phase echolocation bat calls with CNN	2022 IEEE 29TH INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING, DATA AND ANALYTICS WORKSHOP, HIPCW	Proceedings Paper	29th IEEE International Conference on High Performance Computing, Data and Analytics (HiPC)	DEC 18-21, 2022		[Dhanush, M.; Anala, M. R.] RV Coll Engn, Informat Sci & Engn, Bangalore, India; [Hemavathy, R.] RV Coll Engn, Comp Sci & Engn, Bangalore, India	R.V. College of Engineering; R.V. College of Engineering	0	IEEE COMPUTER SOC		979-8-3503-3388-6	2022			

C	Kurtkoti, M; Premananda, BS; Reddy, KV	Raj, JS; Kamel, K; Lafata, P	Kurtkoti, Mahesh; Premananda, B. S.; Reddy, K. Vishwavardhan	Performance Analysis of Machine Learning Algorithms in Detecting and Mitigating Black and Gray Hole Attacks	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION, ICIDCA 2021	Proceedings Paper	International Conference on Innovative Data Communication Technologies and Application (ICIDCA)	AUG 20-21, 2021	Black hole attacks and gray hole attacks are major denial of service (DoS) attacks in wireless sensor networks (WSNs). Intrusion detection systems are proposed to detect such attacks but lack the analysis for specific attacks. Machine learning (ML) algorithms are the ones used to detect such attacks and provide accurate results. This	[Kurtkoti, Mahesh; Premananda, B. S.; Reddy, K. Vishwavardhan] RV Coll Engn, Dept Elect & Telecommun Engn, Bengaluru, India	R.V. College of Engineering	3	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-981-16-7167-8; 978-981-16-7166-1	2022	96		http://dx.doi.org/10.1007/978-981-16-7167-8_69

C	Shilpa, DR; Karjigi, VR; Naik, HM; Kumar, V; Marathe, KS		Shilpa, D. R.; Karjigi, Vikas R.; Naik, Hemanth Madev; Kumar, Vishal; Marathe, Kartik S.	Development of Automation Tool for Optimising Floorplan of a Given VLSI Design	2022 IEEE 19TH INDIA COUNCIL INTERNATIONAL CONFERENCE, INDICON	Proceedings Paper	19th IEEE-India-Council International Conference (INDICON)	NOV 24-26, 2022	With the advancement in technology, the design complexity has increased rapidly because of ever increasing chip density. So VLSI physical design needs to be optimized. Floorplanning is the first step for the Physical Design Flow which determines the locations as well as the dimensions of the components in a chip so as to	[Shilpa, D. R.; Karjigi, Vikas R.; Naik, Hemanth Madev; Kumar, Vishal; Marathe, Kartik S.] RV Coll Engn, Dept ECE, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE	2325-940X	978-1-6654-7350-7	2022			http://dx.doi.org/10.1109/INDICON56171.2022.10039739

C	Rao, KG; Rasoor, P; Anjaneya, G; Nataraj, JR; Srinivas, MR	Gupta, MS; Gupta, TVK; Nath, NK	Rao, Kashyap G.; Rasoor, Pavankumar; Anjaneya, G.; Nataraj, J. R.; Srinivas, M. R.	A Review On Methods Of Preventing Super Cooling In Phase Change Materials (PCMs)	3RD INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN AEROMECHANICAL MATERIALS FOR MANUFACTURING: ICAAMM-2020	Proceedings Paper	3rd International Conference on Advancements in Aeromechanical Materials for Manufacturing (ICAAMM)	JUL 24-25, 2020	A phase change material (PCM) is a substance which releases/absorbs sufficient latent heat of fusion at phase transition to provide useful heating/cooling. Hence, they act as excellent energy storage devices. In most of the PCMs, the phase transition happens at the solid-liquid interface. Hence, the phase transition temperature	[Rao, Kashyap G.; Rasoor, Pavankumar; Anjaneya, G.; Nataraj, J. R.; Srinivas, M. R.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	3	AMER INST PHYSICS	0094-243X	978-0-7354-4058-6	2021	2317		http://dx.doi.org/10.1063/5.0036177

J	Rahul, MV; Shettar, R; Subramanya, KN		Rahul, M. V.; Shettar, Rajashree; Subramanya, K. N.	An adaptive model for traffic flow optimisation in dynamic environments	INTERNATIONAL JOURNAL OF COMPUTATIONAL SCIENCE AND ENGINEERING	Article			Formulating the solution as an optimisation problem has proven to be effective in developing solutions to many real world problems. We generally obtain the best possible solution using these methods. In this work, the traffic scheduling problem has been formulated as a waiting time minimisation problem, and appropriate	[Rahul, M. V.; Shettar, Rajashree] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci, Bangalore, Karnataka, India; [Subramanya, K. N.] Rashtreeya Vidyalaya Coll Engn, Dept Ind Engn & Management, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	INDERSCIENCE ENTERPRISES LTD	1742-7185		2019	19	1	

C	Meghana, RK; Apoorva, S; Mohana; Chitkara, Y		Meghana, R. K.; Apoorva, S.; Mohana; Chitkara, Yojan	Inspection, Identification and Repair Monitoring of Cracked Concrete structure - An application of Image processing	PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEMS (ICCES 2018)	Proceedings Paper	3rd IEEE International Conference on Communication and Electronics Systems (ICCES)	OCT 15-16, 2018	The aim of this research is to identify the cracks on concrete walls and classify them into voids, cracks and micro thin cracks. It is imperative to plan an optimal repair technique that considers the necessary causes and problems that require special attention during repair. The proposed framework integrates Unmanned Aerial	[Meghana, R. K.; Apoorva, S.; Mohana; Chitkara, Yojan] RV Coll Engn, Dept Telecommun, Bengaluru, India	R.V. College of Engineering	2	IEEE		978-1-5386-4765-3	2018			

C	Mithun, TP; Sreelakshmi, K		Mithun, T. P.; Sreelakshmi, K.	Design of Monopole CPW-Fed Pentagonal Patch Antenna	2018 3RD INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS, COMMUNICATION, COMPUTER, AND OPTIMIZATION TECHNIQUES (ICEECCOT - 2018)	Proceedings Paper	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (IGEECCOT)	DEC 14-15, 2018	This paper presents design and simulation of pentagonal antenna for UWB application with center frequency of 7GHz. The proposed antenna is derived from a circular patch designed to resonate at 7GHz and the feed line dimensions are designed using TXLINE 2003 and ANSYS HFSS v17 software. The	[Mithun, T. P.; Sreelakshmi, K.] RV Coll Engn, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-5130-8	2018			

J	Pujar, NV; Nanjundaradhya, NV; Sharma, RS		Pujar, Nagabhushan, V; Nanjundaradhya, N., V; Sharma, Ramesh S.	Experimental investigation of the tensile and modal properties of epoxy based symmetric interlayer glass/carbon hybrid composites	MATERIALS RESEARCH EXPRESS	Article			Interlayer hybrid composites can be tailored for enhanced strength and stiffness. Research on enhancing the mechanical properties of Interlayer hybrid composites is being explored by varying fiber orientations, layup sequence, different type of fiber materials. The objective of this work is to investigate	[Pujar, Nagabhushan, V; Nanjundaradhya, N., V; Sharma, Ramesh S.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	3	IOP Publishing Ltd			2022	9	2	http://dx.doi.org/10.1088/2053-1591/ac4f88

J	Premananda, BS; Manalogoli, SH; Nikhil, KJ		Premananda, Belegehalli Siddaiah; Manalogoli, Samana Hanumanth; Nikhil, Kiran Jayanthi	AREA AND ENERGY OPIMIZED QCA BASED SHUFFLE-EXCHANGE NETWORK WITH MULTICAST AND BROADCAST CONFIGURATION	ADVANCES IN ELECTRICAL AND ELECTRONIC ENGINEERING	Article			In any wide-range processing system, rapid interconnecting networks are employed between the processing modules and embedded systems. This study deals with the optimized design and implementation of Switching Element (SE) which operates in four modes, accepting two inputs and delivering two outputs	[Premananda, Belegehalli Siddaiah; Manalogoli, Samana Hanumanth; Nikhil, Kiran Jayanthi] RV Coll Engn, Dept Elect & Telecommun Engn, Mysuru Rd, Bengaluru 560059, India	R.V. College of Engineering	1	VSB-TECHNICAL UNIVOSTRAVA	1336-1376		2021	19	4	http://dx.doi.org/10.15598/aeee.v19i4.4280

J	Abhilash, CR; Murali, S; Haq, MA; Bysani, TN; Narahari, NS		Abhilash, C. R.; Murali, Sriraksha; Haq, M. Abdul; Bysani, Tanay N.; Narahari, N. S.	Exoskeleton for lower extremities based on Indian anthropomorphism with gait allowance: design and development	JOURNAL OF ENGINEERING DESIGN AND TECHNOLOGY	Article			Purpose In certain industrial operations, workers are required to stand for a prolonged duration. This leads to muscular fatigue in the legs, posing a threat to the productivity and well-being of the workers. This paper aims to address this problem of women in the clothing industry with an exoskeleton designed for lower extremities and improve productivity	[Abhilash, C. R.; Murali, Sriraksha; Haq, M. Abdul; Bysani, Tanay N.; Narahari, N. S.] RV Coll Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	EMERALD GROUP PUBLISHING LTD	1726-0531		2023	21	5	http://dx.doi.org/10.1108/JEDT-05-2021-0257

J	Vishnumurthy, KA; Girish, KH		Vishnumurthy, K. A.; Girish, K. H.	A comprehensive review of battery technology for E-mobility	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	Review			Electric vehicles are proven to be a potential alternative to traditional transport technologies and contribute largely to reducing fossil fuel consumption. In this review, various battery technologies used in electric vehicles are discussed in detail with their research advancements. In the market, various types of electric	[Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Vishnumurthy, K. A.] RV Coll Engn, Ctr Excellence E Mobil, Bangalore, Karnataka, India; [Girish, K. H.] RV Coll Engn, Dept Mech Engn, Mysore Rd, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	7	ELSEVIER	0019-4522		2021	98	10	http://dx.doi.org/10.1016/j.jics.2021.100173

J	Shivalingappa, RT; Murthy, HNRN; Purushothaman, P; Badiger, P; Savarn, S; Majumdar, U; Angadi, G		Shivalingappa, Roopa Thotadara; Murthy, Hebbale Narayana Rao Narasimha; Purushothaman, Pradeep; Badiger, Prasanna; Savarn, Swapnil; Majumdar, Utsav; Angadi, Gangadhar	Development of poly (vinylidene fluoride)/silver nanoparticle electrospun nanofibre mats for energy harvesting	POLYMERS & POLYMER COMPOSITES	Article			Energy harvesting using piezoelectric materials finds attention of researchers due to miniaturisation. Polyvinylidene fluoride (PVDF) is one such polymeric material with high piezoelectric and pyroelectric properties and hence is used for sensors, actuators, energy harvesting and biomedical devices. This study reports electrospinn	[Shivalingappa, Roopa Thotadara; Murthy, Hebbale Narayana Rao Narasimha; Purushothaman, Pradeep; Badiger, Prasanna; Savarn, Swapnil; Majumdar, Utsav; Angadi, Gangadhar] RV Coll Engn, Dept Mech Engn, Mysuru Rd Bengaluru, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	4	SAGE PUBLICATIONS LTD	0967-3911		2021	29	9_SUPPL	http://dx.doi.org/10.1177/0967391211042005

B	Gupta, PK; Yuvashankar, KJ; Vishnu, BOS; Kandi, AR; Sinha, A; Nagarajan, V; Khanchandani, V	Akhtar, MS	Gupta, Praveen Kumar; Yuvashankar, K. J.; Vishnu, Saketh B. O.; Kandi, Arvind Reddy; Sinha, Anwesha; Nagarajan, Vidhyavathy; Khanchandani, Vartika	Impact of Plant-Microbe Interactions on Plant Metabolism Under Saline Environment	SALT STRESS, MICROBES, AND PLANT INTERACTIONS: CAUSES AND SOLUTION, VOL 1	Article; Book Chapter			Soil salinity is a significant abiotic stress causing a remarkable decrease in crop production. The plant-microbe interactions can affect the metabolism of plant under saline stress causing changes in major processes like germination, growth, and nutrient imbalance. Changes also can be seen in root and shoot induction hormone	[Gupta, Praveen Kumar; Yuvashankar, K. J.; Vishnu, Saketh B. O.; Kandi, Arvind Reddy; Sinha, Anwesha; Nagarajan, Vidhyavathy; Khanchandani, Vartika] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD		978-981-13-8801-9; 978-981-13-8800-2	2019			http://dx.doi.org/10.1007/978-981-13-8801-9_5

C	Karbari, SR	Malik, H; Srivastava, S; Sood, YR; Ahmad, A	Karbari, Sudha R.	Structural Triboelectric Nanogenerators for Self-powered Wearable Devices	APPLICATIONS OF ARTIFICIAL INTELLIGENCE TECHNIQUES IN ENGINEERING, SIGMA 2018, VOL 1	Proceedings Paper	International Conference on Signals, Machines and Automation (SIGMA)	MAY 23-AUG 25, 2018	Self-energized sensors operate on the energy generated from the nanostructures in the sensors. The simulated Nanostructures are constructed with the polymers like PDMS and PMMA, gold nanoparticles is sputtered between the polymer layers to increase the electrons movement between the layers. The structure operates on	[Karbari, Sudha R.] RV Coll Engn, Dept ECE, Bengaluru, India	R.V. College of Engineering	4	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-981-13-1819-1; 978-981-13-1818-4	2019	698		http://dx.doi.org/10.1007/978-981-13-1819-1_19

J	Saikia, A; Palherkar, D; Hiremath, L		Saikia, Achisha; Palherkar, Duhita Akhil; Hiremath, Lingayya	In silico Analysis and Structural Prediction of a Hypothetical Protein from Leishmania major	BIOMEDICAL AND BIOTECHNOLOGY RESEARCH JOURNAL	Article			Introduction: Leishmania major causes mucocutaneous leishmaniasis which is characterized by chronic skin sores. In L. major, some proteins are classified as hypothetical proteins (HPs). These proteins are chains of amino acids whose existence is predicted by sequencing organisms, but their functions remain unknown	[Saikia, Achisha; Palherkar, Duhita Akhil; Hiremath, Lingayya] RV Coll Engn, Dept Biotechnol, Bengaluru, Karnataka, India	R.V. College of Engineering	3	WOLTERS KLUWER MEDKNOW PUBLICATIONS	2588-9834		2021	5	3	http://dx.doi.org/10.4103/bbrj.bbrj_126_21

S	Moharir, M; Maiya, P	Srinivasa, KG; Siddesh, GM; Manisekhar, SR	Moharir, Minal; Maiya, Preetham	Text Mining in Bioinformatics	STATISTICAL MODELLING AND MACHINE LEARNING PRINCIPLES FOR BIOINFORMATICS TECHNIQUES, TOOLS, AND APPLICATIONS	Article; Book Chapter				[Moharir, Minal; Maiya, Preetham] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2524-7565	978-981-15-2445-5; 978-981-15-2444-8	2020			http://dx.doi.org/10.1007/978-981-15-2445-5_5

J	Shambulinga, M; Sadashivappa, G		Shambulinga, M.; Sadashivappa, G.	Hyperspectral Image Classification using Support Vector Machine with Guided Image Filter	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Hyperspectral images are used to identify and detect the objects on the earth's surface. Classifying of these hyperspectral images is becoming a difficult task, due to more number of spectral bands. These high dimensionality problems are addressed using feature reduction and extraction techniques. However, there are many	[Shambulinga, M.; Sadashivappa, G.] RV Coll Engn, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering	8	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2019	10	10	

J	Nagaraj, K; Sharvani, GS; Sridhar, A		Nagaraj, Kalyan; Sharvani, G. S.; Sridhar, Amulyashree	Encrypting and Preserving Sensitive Attributes in Customer Churn Data Using Novel Dragonfly Based Pseudonymizer Approach	INFORMATION	Article			With miscellaneous information accessible in public depositories, consumer data is the knowledgebase for anticipating client preferences. For instance, subscriber details are inspected in telecommunication sector to ascertain growth, customer engagement and imminent opportunity for advancement of services. Amongst	[Nagaraj, Kalyan; Sharvani, G. S.; Sridhar, Amulyashree] RV Coll Engn, Dept Comp Sci & Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	1	MDPI			2019	10	9	http://dx.doi.org/10.3390/info10090274

C	Sinha, D; Cottur, K; Bhat, HK; Guruprasad, C; Nath, KB		Sinha, Dipayan; Cottur, Karthik; Bhat, Keerthan H.; Guruprasad, C.; Nath, Badari K.	Automated Billing System using RFID and Cloud	2019 INNOVATIONS IN POWER AND ADVANCED COMPUTING TECHNOLOGIES (I-PACT)	Proceedings Paper	IEEE International Conference on Innovations in Power and Advanced Computing Technologies	MAR 22-23, 2019	The hassle of queues in shops, human errors in manually generated bills and the wastage of time in the packaging of products after shopping creates inconvenience to shoppers and eventually leads to lower customer satisfaction levels. This paper discusses the design of a shopping system where the customers	[Sinha, Dipayan; Cottur, Karthik; Bhat, Keerthan H.; Guruprasad, C.; Nath, Badari K.] RV Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	1	IEEE		978-1-5386-8190-9	2019			http://dx.doi.org/10.1109/i-pact44901.2019.8960144

C	Vishwanath, R; Rohit, B		Vishwanath, Rakshith; Rohit, Benjamin	A Review on Inspection and Maintenance of FRP Structures	2019 4TH INTERNATIONAL CONFERENCE ON MECHANICAL, MANUFACTURING, MODELING AND MECHATRONICS (IC4M 2019) & 2019 4TH INTERNATIONAL CONFERENCE ON DESIGN ENGINEERING AND SCIENCE (ICDES 2019)	Proceedings Paper	4th International Conference on Mechanical, Manufacturing, Modeling and Mechatronics (IC4M) / 4th International Conference on Design Engineering and Science (ICDES)	FEB 22-24, 2019	FRP is extensively used today in all domains like concrete structures in Civil engineering, spacecraft in Aerospace Industry. It is also used in elevator and bridge cables. Although FRP has some remarkable properties, it undergoes fatigue and damage and sometimes, undetectable defects are formed. Defects like de-lamination	[Vishwanath, Rakshith; Rohit, Benjamin] Rashtreeya Vidyalaya Coll Engn, Dept Aerosp Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	2	IOP PUBLISHING LTD	1757-8981		2019	520		http://dx.doi.org/10.1088/1757-899X/520/1/012003

C	Gadad, V; Sowmyarani, CN		Gadad, Veena; Sowmyarani, C. N.	Understanding Microaggregation- A technique of Statistical Disclosure Control for Privacy Preserving and Data Publishing in Inter-Cloud	2018 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTERS AND COMMUNICATIONS (ICAECC)	Proceedings Paper	2nd International Conference on Advances in Electronics, Computers and Communications (ICAECC)	FEB 09-10, 2018	In today's world organizations outsource their data to cloud to enjoy number of advantages such as location independent data storage, ubiquitous data access and on demand high quality service. Data is collected by many of independent sources as micro data and published for decision making, predictions and to improve research	[Gadad, Veena; Sowmyarani, C. N.] RV Coll Engn, Dept CSE, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-3785-2	2018			

C	Nadar, NR; Krishna, M		Nadar, Nandini R.; Krishna, M.	Kinetic analysis of isothermal solid state process for synthesized potassium sodium niobate piezoelectric ceramics	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Solid state kinetic models were developed for predicting conversion fraction (alpha), reaction rate (d alpha/dt), kinetic triplet (model f(alpha), frequency factor (A) and activation energy (E-a)) of (K0.5Na0.5) NbO(3)ceramics using thermos-gravimetric analysis data obtained at constant temperature	[Nadar, Nandini R.; Krishna, M.] RV Coll Engn, R&D Ctr, Dept Mech Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.483

C	Yadhuraj, SR; Uma, BV; Divakara, SG; Subramanyam, TK; Gandla, SB		Yadhuraj, S. R.; Uma, B., V; Divakara, S. G.; Subramanyam, T. K.; Gandla, Satheesh Babu	Fabrication and Study of Amorphous Silicon Based MOS Capacitor	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Thin film MOS Capacitors are becoming popular in large area flexible electronics for various applications like display systems, memory devices and filters. MOS Capacitors mainly consists of layers of metal, insulator and semiconductor on a substrate. In this work MOS Capacitors are fabricated in clean room	[Yadhuraj, S. R.; Subramanyam, T. K.; Gandla, Satheesh Babu] RVCE, Dept Interdisciplinary Res Ctr, Bengaluru 560059, India; [Uma, B., V] RVCE, Dept Elect & Commun, Bengaluru 560059, India; [Divakara, S. G.] RVCE, Dept Chem, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	0	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.497

C	Ajay, KM; Dinesh, MN		Ajay, K. M.; Dinesh, M. N.	Performance studies of bamboo based nano activated carbon electrode material for supercapacitor applications	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	The vast majority of the activated carbons manufactured commercially, are supplied from non-renewable energy source based forerunner (oil and coal) which requires it to be costly and earth nonaccommodating henceforth the expanding center around biomass precursors which are less expensive, promptly	[Ajay, K. M.; Dinesh, M. N.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, India	R.V. College of Engineering	2	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.09.691

C	Srinivasan, S; Singh, RR; Biradar, RR; Revathi, SA		Srinivasan, Sahana; Singh, Rujula R.; Biradar, Ruchita R.; Revathi, S. A.	COVID-19 Monitoring System using Social Distancing and Face Mask Detection on Surveillance video datasets	2021 INTERNATIONAL CONFERENCE ON EMERGING SMART COMPUTING AND INFORMATICS (ESCI)	Proceedings Paper	3rd IEEE International Conference on Emerging Smart Computing and Informatics (IEEE-ESCI)	MAR 05-07, 2021	In the current times, the fear and danger of COVID-19 virus still stands large. Manual monitoring of social distancing norms is impractical with a large population moving about and with insufficient task force and resources to administer them. There is a need for a lightweight, robust and 24X7 video-monitoring system that automates	[Srinivasan, Sahana; Singh, Rujula R.; Biradar, Ruchita R.; Revathi, S. A.] RV Coll Engn, Dept Comp Sci & Engn, Bangalore, Karnataka, India	R.V. College of Engineering	11	IEEE		978-1-7281-8519-4	2021			http://dx.doi.org/10.1109/ESCI50559.2021.9396783

C	Arvind, CS; Jyothi, R; Mahalakshmi, K; Vaishnavi, CK; Apoorva, U		Arvind, C. S.; Jyothi, R.; Mahalakshmi, K.; Vaishnavi, C. K.; Apoorva, U.	Vision Based Driver Assistance for Near Range Obstacle Sensing under Unstructured Traffic Environment	2019 IEEE SYMPOSIUM SERIES ON COMPUTATIONAL INTELLIGENCE (IEEE SSCI 2019)	Proceedings Paper	IEEE Symposium Series on Computational Intelligence (SSCI)	DEC 06-09, 2019	Lack of attention while navigating in unstructured traffic causes mishaps as road obstacles such as vehicles, jaywalkers do not follow road rules and their pattern of movement are highly unpredictable. This research work aims at developing a system that can be deployable on present vehicle for early detection	[Arvind, C. S.; Jyothi, R.; Mahalakshmi, K.; Vaishnavi, C. K.; Apoorva, U.] RV Coll Engn, Dept Elect & Elect, Bengaluru, India	R.V. College of Engineering	2	IEEE		978-1-7281-2485-8	2019			

C	Farheen, A; Ashwini, S; Priyanka, KG; Divya, PR; Bhagya, R	Hemanth, J; Fernando, X; Lafata, P; Baig, Z	Farheen, Asma; Ashwini, S.; Priyanka, K. G.; Divya, P. R.; Bhagya, R.	IoT Based Traffic Management in Smart Cities	INTERNATIONAL CONFERENCE ON INTELLIGENT DATA COMMUNICATION TECHNOLOGIES AND INTERNET OF THINGS, ICICI 2018	Proceedings Paper	International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI)	AUG 07-08, 2018	Due to the overgrowing urban population around the globe, traffic congestion has become a major problem in cities. A traffic management prototype is developed and it comprises of IP Webcam to capture the image of vehicles for detection of vehicle density by using Area and Color segmentation (RGB) technique and this information	[Farheen, Asma; Ashwini, S.; Priyanka, K. G.; Divya, P. R.; Bhagya, R.] RV Coll Engn, Dept Telecommun, Bengaluru, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-03146-6; 978-3-030-03145-9	2019	26		http://dx.doi.org/10.1007/978-3-030-03146-6_121

S	Gupta, PK; Choudhary, S; Chandrananthi, C; Eveline, JS; Sushmitha, SP; Hiremath, L; Srivastava, AK; Kumar, SN	Naraian, R	Gupta, Praveen Kumar; Choudhary, Shreya; Chandrananthi, C.; Eveline, J. Sharon; Sushmitha, S. P.; Hiremath, Lingayya; Srivastava, Ajeet Kumar; Kumar, S. Narendra	Fungal Biodiversity Producing Xylanase Enzymes Involved in Efficient Uses of Xylanolysis	MYCODEGRADATION OF LIGNOCELLULOSES	Article; Book Chapter				[Gupta, Praveen Kumar; Choudhary, Shreya; Chandrananthi, C.; Eveline, J. Sharon; Sushmitha, S. P.; Hiremath, Lingayya; Srivastava, Ajeet Kumar; Kumar, S. Narendra] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India	R.V. College of Engineering	3	SPRINGER INTERNATIONAL PUBLISHING AG	2198-7777	978-3-030-23834-6; 978-3-030-23833-9	2019			http://dx.doi.org/10.1007/978-3-030-23834-6_4

C	Hosur, A; Shylashree, N	Nath, V; Mandal, JK	Hosur, Amruta; Shylashree, N.	Structural Testing of Multichip Module SoC Components	PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON MICROELECTRONICS, COMPUTING AND COMMUNICATION SYSTEMS, MCCS 2018	Proceedings Paper	3rd International Conference on Microelectronics, Computing and Communication Systems (MCCS)	MAY 12-13, 2018	In modern VLSI, the testing of manufactured VLSI chips is as important as the whole process of designing and manufacturing. The structural testing plays an important role as the functional testing. Structural testing, unlike functional testing, involves testing of all the physical connections, macros, other functional	[Hosur, Amruta] Rashtreeya Vidyalaya Coll Engn, VLSI Design & Embedded Syst, Bengaluru 560059, India; [Shylashree, N.] Rashtreeya Vidyalaya Coll Engn, Dept ECE, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	1876-1100	978-981-13-7091-5; 978-981-13-7090-8	2019	556		http://dx.doi.org/10.1007/978-981-13-7091-5_44

C	Manjesh, S; Kanakagiri, T; Vaishak, P; Chettiar, V	Sa, PK; Bakshi, S; Hatzilygeroudis, IK; Sahoo, MN	Manjesh, Suraj; Kanakagiri, Tushar; Vaishak, P.; Chettiar, Vivek	Context Aware Content Delivery System in Conversational Interfaces	RECENT FINDINGS IN INTELLIGENT COMPUTING TECHNIQUES, VOL 1	Proceedings Paper	5th International Conference on Advanced Computing, Networking, and Informatics (ICACNI)	JUN 01-03, 2017	With the increased penetration of mobile-based chat applications among the customer base at large, there has been an ever-increasing demand across various industries to leverage the humongous user base for advancing their interests in a targeted fashion to achieve effective conversion. To achieve the above, it is of importance	[Manjesh, Suraj; Kanakagiri, Tushar; Vaishak, P.; Chettiar, Vivek] RV Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-10-8639-7; 978-981-10-8638-0	2019	707		http://dx.doi.org/10.1007/978-981-10-8639-7_47

C	Shashank, R; Harisha, SK; Abhishek, MC	Rao, CSP; Basavarajappa, S	Shashank, R.; Harisha, S. K.; Abhishek, M. C.	Modelling and analysis of piezoelectric cantilever energy harvester for different proof mass and material proportion	INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS AND MANUFACTURING APPLICATIONS (ICONAMMA-2017)	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 17-19, 2017	Energy harvesting using ambient energy sources is one of the fast growing trends in the world, research and development in the area of energy harvesting is moving progressively to get maximum power output from the existing resources. The ambient sources of energy available in the nature are solar energy, wind	[Shashank, R.; Harisha, S. K.; Abhishek, M. C.] RV Coll Engn, Dept Mech Engn, Mysuru Rd, Bengaluru, India	R.V. College of Engineering	3	IOP PUBLISHING LTD	1757-8981		2018	310		http://dx.doi.org/10.1088/1757-899X/310/1/012147

C	Sudha, RK; Uttara, K; Roshan, CP; Vikas, KG	Sahulhameedu, S; Chen, J; Shakya, S	Sudha, Karbari R.; Uttara, Kumari; Roshan, Pasha C.; Vikas, Gowda K.	Design and Analysis of Serpentine Based MEMS Accelerometer	INTERNATIONAL CONFERENCE ON INVENTIVE RESEARCH IN MATERIAL SCIENCE AND TECHNOLOGY (ICIRMCT 2018)	Proceedings Paper	International Conference on Inventive Research in Material Science and Technology (ICIRMCT)	MAR 23-24, 2018	MEMS accelerometers using serpentine beams is analyzed and investigated for vibration sensing applications. A design and analysis in terms of its operating frequency and stress analysis with the model is simulated in COMSOL Multiphysics. The square shaped proof mass is supported by the serpentine beams for a	[Sudha, Karbari R.; Uttara, Kumari; Roshan, Pasha C.; Vikas, Gowda K.] RV Coll Engn, Dept Elect & Commun, Bangalore, Karnataka, India	R.V. College of Engineering	2	AMER INST PHYSICS	0094-243X	978-0-7354-1671-0	2018	1966		http://dx.doi.org/10.1063/1.5038705

J	Nagesh, M; Suresh, R; Jayapal, R; Subramanya, KN		Nagesh, M.; Suresh, R.; Jayapal, R.; Subramanya, K. N.	Surface Passivation Studies of n-type Crystalline Silicon for HIT Solar Cells	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	Article			Surface passivation of n-type Crystalline Silicon wafer using thin dielectric films is an important and major factor in improving photovoltaic performance of HIT solar cells. In this study, Numerical simulation was carried out by using AFORS-HET simulation software in which energy band diagram with and	[Nagesh, M.; Jayapal, R.] RV Coll Engn, Elect & Elect Engn Dept, Bengaluru 560059, India; [Suresh, R.] RV Coll Engn, Chem Engn Dept, Bengaluru 560059, India; [Subramanya, K. N.] RV Coll Engn, Ind & Engn Management Dept, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	2	SPRINGER	1229-7607		2022	23	1	http://dx.doi.org/10.1007/s42341-021-00316-1

J	Shambulinga, M; Sadashivappa, G		Shambulinga, M.; Sadashivappa, G.	Supervised Hyperspectral Image Classification using SVM and Linear Discriminant Analysis	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Hyperspectral images are used to recognize and determine the objects on the earth's surface. This image contains more number of spectral bands and classifying the image becoming a difficult task. Problems of higher number of spectral dimensions are addressed through feature extraction and reduction. However	[Shambulinga, M.; Sadashivappa, G.] RV Coll Engn, Dept Elect & Telecommun Engn, Bengaluru, India	R.V. College of Engineering	5	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2020	11	10	

C	Sarkar, S; Rao, KL; Bhargav, J; Sheshaprasad, S; Sharma, CAA		Sarkar, Sushmita; Rao, K. Lima; Bhargav, Jayanth; Sheshaprasad, Shrikesh; Sharma, Anirudh C. A.	Signature Analysis of Electrical Faults in Standalone PV Systems with Storage	2019 3RD INTERNATIONAL CONFERENCE ON RECENT DEVELOPMENTS IN CONTROL, AUTOMATION & POWER ENGINEERING (RDCAPE)	Proceedings Paper	3rd International Conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE)	OCT 10-11, 2019	Stand-alone PV systems are increasingly becoming popular as a viable alternative to utility power supply, especially in remote corners, where accessibility is a problem to deploy conventional distribution systems. It is also becoming a choice of conscious consumers who wish to contribute to environment protection through use	[Sarkar, Sushmita; Rao, K. Lima; Bhargav, Jayanth; Sheshaprasad, Shrikesh; Sharma, Anirudh C. A.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-7281-2068-3	2019			http://dx.doi.org/10.1109/rdcape47089.2019.8979080

C	Vijayakumar, B		Vijayakumar, Balaji	Memristor-Based Neuromorphic Hybrid CMOS Sub-Block Architecture for a High-Speed Arithmetic and Logic Unit	2018 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTERS AND COMMUNICATIONS (ICAECC)	Proceedings Paper	2nd International Conference on Advances in Electronics, Computers and Communications (ICAECC)	FEB 09-10, 2018	Presently, Computations traverse through several layers of hardware logic structures to perform the intended operation. This, amounts to a significant time delay and power consumption. In this paper, a memristor-based ALU architecture is proposed which is a combination of trained Memristor-based Neural Networks and hybrid	[Vijayakumar, Balaji] Rashtreeya Vidyalaya Coll Engn, Elect & Commun, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-3785-2	2018			

J	Herle, H; Padmaja, KV		Herle, Harsha; Padmaja, K., V	Relative Merits of Data Mining Algorithms of Chronic Kidney Diseases	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Early prediction of Chronic Kidney Disease in human subjects is considered to be a critical factor for diagnosis and treatment. The use of data mining algorithms to reveal the hidden information from clinical and laboratory samples helps physician in early diagnosis, thus contributing towards increase in accuracy, prediction	[Herle, Harsha; Padmaja, K., V] VTU, RV Coll Engn, Elect & Instrumentat Engn Dept, Bengaluru, India	R.V. College of Engineering	0	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2021	12	6	

J	Mamtha, V; Murthy, HNN; Raj, VP; Tejas, P; Puneet, CS; Venugopal, A; AanMankunipoyil, S; Manjunatha, C		Mamtha, V.; Murthy, H. N. Narasimha; Raj, V. Pujith; Tejas, Prashantha; Puneet, C. S.; Venugopal, Achyutha; AanMankunipoyil, Sham; Manjunatha, C.	Electrospun PU/MgO/Ag Nanofibers for Antibacterial Activity and Flame Retardency	CLOTHING AND TEXTILES RESEARCH JOURNAL	Article			Antibacterial activity and fire retardation are equally desired for protective clothing. For achieving this, AgNP and MgO are independently researched as nanofillers in Polyurethane based electrospun nanofibers and their synergistic effect is scarcely addressed. This article reports synthesis and characterization of MgO	[Mamtha, V.; Murthy, H. N. Narasimha; Raj, V. Pujith; Tejas, Prashantha; Puneet, C. S.; Venugopal, Achyutha] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [AanMankunipoyil, Sham; Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	4	SAGE PUBLICATIONS INC	0887-302X		2023	41	3	http://dx.doi.org/10.1177/0887302X211009479

J	Prasad, A; Badhya, SS; Yashwanth, YS; Rohan, S; Shobha, G; Deepamala, N		Prasad, Akshar; Badhya, Sourabh S.; Yashwanth, Y. S.; Rohan, Shetty; Shobha, G.; Deepamala, N.	Enhancement of Natural Language to SQL Query Conversion using Machine Learning Techniques	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			In the age of information explosion, there is a huge data that is stored in the form of database and accessed using various querying languages. The major challenges faced by a user accessing this data is to learn the querying language and understand the various syntax associated with it. Query given in the form of	[Prasad, Akshar; Badhya, Sourabh S.; Yashwanth, Y. S.; Rohan, Shetty; Shobha, G.; Deepamala, N.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering	0	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2020	11	12	

J	Roy, I; Bharatish, A		Roy, Indira; Bharatish, A.	Optimization of ventilated brake disc rotor geometry for enhanced structural characteristics	JOURNAL OF MEASUREMENTS IN ENGINEERING	Article			This paper focuses on analyzing the effect of geometrical parameters on structural performance of the ventilated brake disc. Multi-objective optimization through response surface methodology was deployed for improving the structural performance of ventilated brake discs. Simulation runs were designed based on central	[Roy, Indira; Bharatish, A.] RV Coll Engn, Dept Mech Engn, RV Vidyaniketan Post Mysore Rd, Bangalore 560059, Karnataka, India	R.V. College of Engineering	1	JVE INT LTD	2335-2124		2020	8	3	http://dx.doi.org/10.21595/jme.2020.21399

C	Nagendra, GK; Shivaraj, BW; Manjunatha, C; Siddiqua, SAA; Suchithra, V	Rao, CSP; Basavarajappa, S	Nagendra, G. K.; Shivaraj, B. W.; Manjunatha, C.; Siddiqua, S. A. Ayeesha; Suchithra, V.	Study of structural features and antibacterial property of ZnO/CuO nanocomposites derived from solution combustion synthesis	INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS AND MANUFACTURING APPLICATIONS (ICONAMMA-2018)	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 16-18, 2018	ZnO/CuO nanocomposite was synthesized by solution combustion method using three organic fuels - EDTA, Citric Acid and Oxalic Acid with Zinc Nitrate Hexahydrate and Copper Nitrate Trihydrate as precursors. ZnO/CuO nanocomposite was characterised for PXRD, SEM and EDAX to analyse the Structural, Morphological	[Nagendra, G. K.; Shivaraj, B. W.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, Karnataka, India; [Siddiqua, S. A. Ayeesha; Suchithra, V.] RV Coll Engn, Dept Bio Technol, Bengaluru 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	2	IOP PUBLISHING LTD	1757-8981		2019	577		http://dx.doi.org/10.1088/1757-899X/577/1/012111

C	Sarkar, S; Rao, KU; Bhargav, J; Sheshaprasad, S; Sharma, CAA		Sarkar, Sushmita; Rao, K. Uma; Bhargav, Jayanth; Sheshaprasad, Shrikesh; Sharma, Anirudh C. A.	IoT Based Wireless Sensor Network (WSN) for Condition Monitoring of Low Power Rooftop PV Panels	4TH INTERNATIONAL CONFERENCE ON CONDITION ASSESSMENT TECHNIQUES IN ELECTRICAL SYSTEMS (CATCON 2019)	Proceedings Paper	4th International Conference on Condition Assessment Techniques in Electrical Systems (CATCON)	NOV 21-23, 2019	Rooftop PV systems are now becoming ubiquitous with the reduction in costs of PV panels and related technologies. Developing countries like India have undertaken Green Energy Transition to ensure sustainability and energy self-sufficiency. The increase in consumer participation in view of the nation's goal necessitates technology	[Sarkar, Sushmita; Rao, K. Uma; Bhargav, Jayanth; Sheshaprasad, Shrikesh; Sharma, Anirudh C. A.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, India	R.V. College of Engineering	6	IEEE		978-1-7281-4331-6	2019			http://dx.doi.org/10.1109/CATCON47128.2019.CN004

C	Sudarshan, M; Gowda, PD; Rohit, B; Nagaraju, NB		Sudarshan, Meghana; Gowda, Punya D.; Rohit, Benjamin; Nagaraju, Nandini B.	Effect of Temperature on Local Stresses in Magnetoelectric Composites	2019 IEEE 10TH INTERNATIONAL CONFERENCE ON MECHANICAL AND AEROSPACE ENGINEERING (ICMAE 2019)	Proceedings Paper	10th IEEE International Conference on Mechanical and Aerospace Engineering (ICMAE)	JUL 22-25, 2019	The present study focuses on the effect of temperature on local stress in magnetoelectric composites. An attempt is made to mimic the magnetostriction with thermoelasticity in order to achieve the stress distribution. The magnetoelectric effect is found below at room temperature in single-phase material. To overcome such limitation, combining	[Sudarshan, Meghana; Gowda, Punya D.; Rohit, Benjamin; Nagaraju, Nandini B.] RV Coll Engn, Dept Aerosp Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-7281-5535-7	2019			http://dx.doi.org/10.1109/icmae.2019.8881014

C	Bhat, PS; Kashyap, PC; Naik, S		Bhat, Pramod Srinivas; Kashyap, Pranav Chandra; Naik, Saininad	Mutual Coupling Reduction Using Double Negative Metamaterial Based Dual-Line Split-Ring Resonator (DLSRR) Arrays in Microstrip Patch Antenna Arrays For L-Band and X-Band Applications	2018 INTERNATIONAL CONFERENCE ON ADVANCES IN COMMUNICATION AND COMPUTING TECHNOLOGY (ICACCT)	Proceedings Paper	1st International Conference on Advances in Communication and Computing Technology (ICACCT)	FEB 08-09, 2018	A double negative metamaterial based dual-line split-ring resonator (DLSRR) array is proposed in this paper to mitigate mutual coupling between coplanar elements of 1 x 2 microstrip patch arrays operating at frequencies of 10 GHz (for X-band Application) and 1.575 GHz (for L-band Application). The edge-to-edge spacing between the patches is	[Bhat, Pramod Srinivas; Kashyap, Pranav Chandra; Naik, Saininad] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-0926-2	2018			

C	Jaisimha, A; Khan, S; Anisha, BS; Kumar, PR	Ranganathan, G; Chen, J; Rocha, A	Jaisimha, Aashish; Khan, Salman; Anisha, B. S.; Kumar, P. Ramakanth	Smart Transportation: An Edge-Cloud Hybrid Computing Perspective	INVENTIVE COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES, ICICCT 2019	Proceedings Paper	International Conference on Inventive Communication and Computational Technologies (ICICCT)	APR 29-30, 2019	Internet of things is enhancing various industries by connecting all devices to the Internet to solve key challenges. Transportation is a huge sector where extensive research and development is undergoing. The current developments by various independent corporate research companies use the power of cloud computing for storage	[Jaisimha, Aashish; Khan, Salman; Anisha, B. S.] RV Coll Engn, Informat Sci & Engn, Bengaluru, India; [Kumar, P. Ramakanth] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	1	SPRINGER-VERLAG SINGAPORE PTE LTD	2367-3370	978-981-15-0146-3; 978-981-15-0145-6	2020	89		http://dx.doi.org/10.1007/978-981-15-0146-3_124

J	Ranjani, G; Sadashivappa, G		Ranjani, G.; Sadashivappa, G.	Analysis of Doppler Effects in Underwater Acoustic Channels using Parabolic Expansion Modeling	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Underwater communication systems play an important role in understanding various phenomena that take place within our vast oceans. They can be used as an integral tool in countless applications ranging from environmental monitoring to gathering of oceanographic data, marine archaeology, and search and rescue missions. Acoustic Communica	[Ranjani, G.; Sadashivappa, G.] Dept TCE RVCE, Bengaluru, India	R.V. College of Engineering	0	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2019	10	3	

C	Ranganayakulu, J; Srihari, PV	Sekar, KSV; Gupta, M; Arockiarajan, A	Ranganayakulu, Jinka; Srihari, P. V.	Multi-objective Optimization Using Taguchi's Loss Function-Based Principal Component Analysis in Electrochemical Discharge Machining of Micro-channels on Borosilicate Glass with Direct and Hybrid Electrolytes	ADVANCES IN MANUFACTURING PROCESSES, ICEMMM 2018	Proceedings Paper	International Conference on Engineering Materials, Metallurgy and Manufacturing (ICEMMM	FEB 15-16, 2018	Machining of hard and brittle materials like borosilicate glass has imposed challenges due to its low machinability. Among various non-traditional machining methods, electrochemical discharge machining (ECDM) or spark-assisted chemical engraving (SACE) is proved as a potential method to machine such low machinable and non-	[Ranganayakulu, Jinka; Srihari, P. V.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	1	SPRINGER-VERLAG BERLIN	2195-4356	978-981-13-1724-8; 978-981-13-1723-1	2019			http://dx.doi.org/10.1007/978-981-13-1724-8_34

C	Harisha, SK; Rajkumar, GR; Pawar, V; Keshav, M		Harisha, S. K.; Rajkumar, G. R.; Pawar, Vikas; Keshav, M.	Statistical Investigation of Tool Geometry for Minimization of Cutting Force in Turning of Hardened Steel	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Materials Manufacturing and Modelling (ICMMM)	MAR 09-11, 2017	Tool geometry plays a vital role in cutting efficiency of the system. Due to incorrect tool geometry, the machining of hardened steel leads to loss of energy and tool wear resulting in higher production cost. The objective of this work is to identify optimum combination of parameters such as, approach angle, depth of	[Harisha, S. K.; Rajkumar, G. R.; Pawar, Vikas; Keshav, M.] RVCE, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	5	ELSEVIER SCIENCE BV	2214-7853		2018	5	5	http://dx.doi.org/10.1016/j.matpr.2018.02.094

S	Madan, N; Geetha, KS	Hemanth, DJ; Smys, S	Madan, N.; Geetha, K. S.	Development of Glare Recognition for Advanced Driver Assistance System	COMPUTATIONAL VISION AND BIO INSPIRED COMPUTING	Article; Book Chapter			Glare poses a major threat in the implementation of Advanced Driver Assistance Systems. The video or image captured by vehicle bound camera can be affected by sun glare at daytime or any artificial light during night hindering the visibility and causing problems for object detection by ADAS. The paper proposes an algorithm that	[Madan, N.; Geetha, K. S.] RV Coll Engn, Dept Elect & Commun, Bengaluru, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2212-9391	978-3-319-71767-8; 978-3-319-71766-1	2018	28		http://dx.doi.org/10.1007/978-3-319-71767-8_75

C	Mahalakshmi, AS; Sharvani, GS; Karthik, SP	Sa, PK; Bakshi, S; Hatzilygeroudis, IK; Sahoo, MN	Mahalakshmi, A. Soumya; Sharvani, G. S.; Karthik, S. P.	SIoT Framework to Build Smart Garage Sensors Based Recommendation System	RECENT FINDINGS IN INTELLIGENT COMPUTING TECHNIQUES, VOL 2	Proceedings Paper	5th International Conference on Advanced Computing, Networking, and Informatics (ICACNI)	JUN 01-03, 2017	The Internet of Things landscape has garnered increasing attention in recent times, with its untapped potential and possibilities of its integration into next generation cellular systems. Social media and social networks, on the other hand, have formed a domain that has been inextricably linked to a variety of emerging technologies	[Mahalakshmi, A. Soumya; Sharvani, G. S.; Karthik, S. P.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-10-8636-6; 978-981-10-8635-9	2018	708		http://dx.doi.org/10.1007/978-981-10-8636-6_29

C	Manonmani, S; Honnaik, S; Rangaswamy, S		Manonmani, S.; Honnaik, Sagar; Rangaswamy, Shanta	Semantic Classification Of Urban Trees Using High Resolution Satellite Imagery	2018 3RD INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS, COMMUNICATION, COMPUTER, AND OPTIMIZATION TECHNIQUES (ICEECCOT - 2018)	Proceedings Paper	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (IGEECCOT)	DEC 14-15, 2018	In order to manage green resources and framing policies for sustainable development, municipalities need exact and updated inventories of urban vegetation. Automatic tree detection in urban areas using traditional classification techniques remains a very difficult task. To classify urban trees as park, roadside, and	[Manonmani, S.; Honnaik, Sagar; Rangaswamy, Shanta] RVCE, Dept CSE, Bengalore, India	R.V. College of Engineering	0	IEEE		978-1-5386-5130-8	2018			

C	Prema, V; Rao, KU		Prema, V; Rao, Uma K.	Integrated Intelligent Power Management Strategy (IIPMS) to optimize green energy usage in standalone microgrid	2018 20TH NATIONAL POWER SYSTEMS CONFERENCE (NPSC)	Proceedings Paper	20th National Power Systems Conference (NPSC)	DEC 14-16, 2018	The increasing demand for renewable and clean energy has mandated the research for maximizing the energy extraction from the available sources. It is also essential to devise the generation systems in such a way as to optimize the usage of all the available resources in the area with minimum dependency on non-renewable sources	[Prema, V; Rao, Uma K.] RV Coll Engn, Elect & Elect Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-6159-8	2018			

C	Vijaya, G; Singh, MM; Krupashankara, MS; Srinivas, MR; Kulkarni, RS		Vijaya, G.; Singh, Muralidhar M.; Krupashankara, M. S.; Srinivas, M. R.; Kulkarni, R. S.	Development and Analysis of Tungsten Thin film Coating for Solar Absorption	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	Tungsten thin film has the potential for application in the field of solar thermal multi-layer coating due to its high solar absorption, low thermal emittance, superior thermal stability and diffusion barrier characteristics. Magnetron sputtered tungsten thin films are ideally suited for absorber coating and IR reflectors in	[Vijaya, G.; Singh, Muralidhar M.; Krupashankara, M. S.; Srinivas, M. R.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Kulkarni, R. S.] RV Coll Engn, Dept Aerosp Engn, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	5	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2017.11.039

C	Manonmani, S; Akshita, L; Shajan, LA; Sidharth, LA; Rangaswamy, S		Manonmani, S.; Akshita, L.; Shajan, Annette L.; Sidharth, Aneesh L.; Rangaswamy, Shanta	Underwater Mine Detection Using Histogram of oriented gradients and Canny Edge Detector	2021 INTERNATIONAL CARNAHAN CONFERENCE ON SECURITY TECHNOLOGY (ICCST)	Proceedings Paper	54th Annual IEEE International Carnahan Conference on Security Technology (ICCST)	OCT 11-15, 2021	For the naval defense forces, underwater mines pose a serious threat to safety and security to their lives and property. Studies conducted in this field which used side scan sonar imagery have not yielded sufficient accuracy for the detection of underwater mines and hence can lead to false alarms. In this paper feature extraction	[Manonmani, S.; Akshita, L.; Shajan, Annette L.; Sidharth, Aneesh L.; Rangaswamy, Shanta] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering	1	IEEE	1071-6572	978-1-6654-9988-0	2021			

C	Rao, S; Ankitha; Varma, R; Goswami, A		Rao, Sameeksha; Ankitha; Varma, Rithika; Goswami, Aayushii	Design and Construction of Power Distribution Architecture of a CubeSat using Genetic Algorithm	2020 IEEE AEROSPACE CONFERENCE (AEROCONF 2020)	Proceedings Paper	IEEE Aerospace Conference	MAR 06-13, 2020	The power distribution system of a nanosatellite consists of various integrated circuit components arranged and connected in a way that leads to its maximum optimization. To achieve maximum optimization, the integrated circuits need to be selected by keeping various power requirement parameters and physical parameters	[Rao, Sameeksha] RV Coll Engn, Natl Seaqueen Excellency, Navi Mumbai 400706, Maharashtra, India; [Ankitha] RV Coll Engn, 3rd Cross,Vijayanagar, Mysore 570016, Karnataka, India; [Varma, Rithika] RV Coll Engn, Cent Pk, Hyderabad 500034, Telangana, India; [Goswami, Aayushii] RV Coll Engn, Opposite	R.V. College of Engineering	0	IEEE	1095-323X	978-1-7281-2734-7	2020			http://dx.doi.org/10.1109/aero47225.2020.9172322

C	Hatagundi, MD; Kumaraswamy, HV		Hatagundi, Mrityunjaya D.; Kumaraswamy, H., V	A Comprehensive Survey on Different Attacks on SDN and Approaches to Mitigate	PROCEEDINGS OF THE 2019 3RD INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2019)	Proceedings Paper	3rd International Conference on Computing Methodologies and Communication (ICCMC)	MAR 27-29, 2019	As the technologies leaning towards digitalization, there has been extensive scope for researches in the field of Software Defined Networking. The architectural framework makes the life of network administrators easy by decoupling the data plane and the control plane. This architecture exploits easy configuration of network, thus	[Hatagundi, Mrityunjaya D.; Kumaraswamy, H., V] RVCE, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering	6	IEEE		978-1-5386-7808-4	2019			http://dx.doi.org/10.1109/iccmc.2019.8819717

C	Sindhudhar, KL; Premananda, BS	Sridhar, V; Padma, MC; Rao, KAR	Sindhudhar, K. L.; Premananda, B. S.	Development of Hybrid Algorithm for Masquerading Sink Node Location in WSN	EMERGING RESEARCH IN ELECTRONICS, COMPUTER SCIENCE AND TECHNOLOGY, ICERECT 2018	Proceedings Paper	3rd International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	AUG 23-24, 2018	A wireless sensor network (WSN) is an independent network comprising of huge number of sensor motes and base stations (BS). Security is amajor concern in military forces and border surveillance. BS which collects information from sensors has become the main target of attack for intruders. Anonymous intruder	[Sindhudhar, K. L.; Premananda, B. S.] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	1876-1100	978-981-13-5802-9; 978-981-13-5801-2	2019	545		http://dx.doi.org/10.1007/978-981-13-5802-9_13

C	Pujar, NV; Nanjundaradhya, NV; Sharma, RS	Kumar, GCM	Pujar, Nagabhushan V.; Nanjundaradhya, N. V.; Sharma, Ramesh S.	Effect of Graphene Oxide Nano Filler on Dynamic Behaviour of GFRP Composites	ADVANCES IN MECHANICAL DESIGN, MATERIALS AND MANUFACTURE	Proceedings Paper	1st International Conference on Design, Materials and Manufacture (ICDEM)	JAN 29-31, 2018	Nano fillers like Alumina oxide, Titanium oxide, Carbon nano tube, Nano clay have been used to improve the mechanical and damping properties of fiber reinforced polymer composites. In the recent years Graphene oxide nano filler is receiving considerable attention for its outstanding properties. Literature available shows that	[Pujar, Nagabhushan V.; Nanjundaradhya, N. V.; Sharma, Ramesh S.] RV Coll Engn, R&D Ctr, Dept Engn Mech, Bengaluru 560059, India	R.V. College of Engineering	10	AMER INST PHYSICS	0094-243X	978-0-7354-1638-3	2018	1943		http://dx.doi.org/10.1063/1.5029683

C	Shelar, A; Moharir, M		Shelar, Avadhut; Moharir, Minal	A Comparative Study to Determine a Suitable Legal Knowledge Representation Format	2018 3RD INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS, COMMUNICATION, COMPUTER, AND OPTIMIZATION TECHNIQUES (ICEECCOT - 2018)	Proceedings Paper	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (IGEECCOT)	DEC 14-15, 2018	Legal Text is typically conveyed in natural language. It is not suitable to be processed by computer. The representation of complex knowledge in legal text is a challenging activity. Researchers have already proposed different approaches in legal domain on knowledge representation. Legal practice is going through	[Shelar, Avadhut; Moharir, Minal] RVCE, Dept CSE, Bangalore, Karnataka, India	R.V. College of Engineering	2	IEEE		978-1-5386-5130-8	2018			

C	Singh, SA; Gupta, PK; Rajeshwari, M; Janumala, T		Singh, Simran A.; Gupta, Praveen Kumar; Rajeshwari, M.; Janumala, Tabitha	Detection of Stress Using Biosensors	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	In today's date, not one day goes by without the word 'stress'. Stress is the body's response when subjected to a stimulus, initiating a 'fight or flight'. Stress is a physical, mental, emotional factor, causing tension. There are innumerable signs, symptoms, causes and disorders that are stress-related, especially the post	[Singh, Simran A.; Gupta, Praveen Kumar; Rajeshwari, M.] RV Coll Engn, Dept Biotechnol, Mysore Rd, Bangalore 560059, Karnataka, India; [Janumala, Tabitha] RV Coll Engn, Dept Instrumentat, Mysore Rd, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	4	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.492

J	Manjunath, AA; Sohan, MC; Anala, MR; Subramanya, KN		Manjunath, Akanksh A.; Sohan, M. C.; Anala, M. R.; Subramanya, K. N.	Design thinking approach to simplify monetary transactions for the visually challenged	BRITISH JOURNAL OF VISUAL IMPAIRMENT	Article			Design thinking, having applications in many fields, is emerging to be a pragmatic technique for facilitating Human Centred Design (HCD), a modern-day necessity, through a well-defined systematic process. This paper presents a case study detailing the application of design thinking principles to approach and develop	[Manjunath, Akanksh A.; Sohan, M. C.; Anala, M. R.; Subramanya, K. N.] RV Coll Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	SAGE PUBLICATIONS LTD	0264-6196		2023	41	2	http://dx.doi.org/10.1177/02646196211032492

J	Vanishree, K; Nagaraja, GS		Vanishree, K.; Nagaraja, G. S.	Emerging Line of Research Approach in Precision Agriculture: An Insight Study	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			The present state of agriculture and its demand is very much different than what it used to be two decades back. Hence, Precision Agriculture (PA) is more in demand to address this challenging demand. With consistent pressure to develop multiple products over the same agricultural land, farmers find PA's adoption	[Vanishree, K.] RV Coll Engn, Dept ISE, Bengaluru, India; [Nagaraja, G. S.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	2	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2021	12	2	

C	Fawad, I; Kumaraswamy, HV		Fawad, Iffath; Kumaraswamy, H., V	Enhanced Performance Smart Antenna System using Levy Based Optimisation Algorithms for Mobile Communication	2021 IEEE INTERNATIONAL CONFERENCE ON MOBILE NETWORKS AND WIRELESS COMMUNICATIONS (ICMNWC)	Proceedings Paper	International Conference on Mobile Networks and Wireless Communications (ICMNWC)	DEC 03-04, 2021	Optimisation in Antenna arrays is essential for enhancing various performance parameters by choosing optimum values for element positions, amplitude excitations or phase values. The objective of this work is to find the optimal inter-element spacings, using optimisation algorithms namely: Harmony Search Algorithm (HSA) and Grey Wolf	[Fawad, Iffath; Kumaraswamy, H., V] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-0-7381-4637-9	2021			http://dx.doi.org/10.1109/ICMNWC52512.2021.9688419

J	Prasanna, A; Niranjan, V		Prasanna, Akshatha; Niranjan, Vidya	Clin-mNGS: Automated Pipeline for Pathogen Detection from Clinical Metagenomic Data	CURRENT BIOINFORMATICS	Article			Background: Since bacteria are the earliest known organisms, there has been significant interest in their variety and biology, most certainly concerning human health. Recent advances in Metagenomics sequencing (mNGS), a culture-independent sequencing technology, have facilitated an accelerated development in clinical	[Prasanna, Akshatha; Niranjan, Vidya] Rashtreeya Vidyalaya Coll Engn, Dept Biotechnol, Bengaluru 560059, India	R.V. College of Engineering	0	BENTHAM SCIENCE PUBL LTD	1574-8936		2021	16	2	http://dx.doi.org/10.2174/1574893615999200608130029

C	Shravani, D; Prajwal, YR; Atreyas, PV; Shobha, G		Shravani, Deeksha; Prajwal, Y. R.; Atreyas, Prajwal, V; Shobha, G.	VR Supermarket: A Virtual Reality Online Shopping Platform with a Dynamic Recommendation System	2021 4TH IEEE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND VIRTUAL REALITY (AIVR 2021)	Proceedings Paper	4th IEEE International Conference on Artificial Intelligence and Virtual Reality (AIVR)	NOV 15-17, 2021	In this paper, VR Supermarket, a Virtual Reality (VR) online shopping platform is proposed to provide an immersive shopping experience for users. The system consists of four components - the VR application, front-end interfaces, the external databases and the recommendation system. The front-end interfaces handle the user input in a 360 degrees	[Shravani, Deeksha; Prajwal, Y. R.; Atreyas, Prajwal, V; Shobha, G.] RV Coll Engn, Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering	3	IEEE COMPUTER SOC		978-1-6654-3225-2	2021			http://dx.doi.org/10.1109/AIVR52153.2021.00028

J	Prasanna, A; Niranjan, V		Prasanna, Akshatha; Niranjan, Vidya	Classification of Mycobacterium tuberculosis DR, MDR, XDR Isolates and Identification of Signature Mutation Pattern of Drug Resistance	BIOINFORMATION	Article			Mycobacterium tuberculosis - a global threat, the recent breakout in MDR-TB and XDR-TB has challenged researchers in diagnosis to provide effective treatment. The main objective to combat drug resistance is to provide rapid, reliable and sensitive diagnostic methods in health care centres. This study focuses on development of an effective	[Prasanna, Akshatha; Niranjan, Vidya] Rashtreeya Vidyalaya Coll Engn, Dept Biotechnol, Bengaluru, India	R.V. College of Engineering	9	BIOMEDICAL INFORMATICS	0973-8894		2019	15	4	http://dx.doi.org/10.6026/97320630015261

S	Moharir, M; Patil, BR		Moharir, Minal; Patil, Bharat Rahuldhev	Fog Computing and Networking Architectures	RISE OF FOG COMPUTING IN THE DIGITAL ERA	Article; Book Chapter			The demerits of cloud computing lie in the velocity, bandwidth, and privacy of data. This chapter focuses on why fog computing presents an effective solution to cloud computing. It first explains the primary motivation behind the use of fog computing. Fog computing, in essence, extends the services of the cloud towards the edge of the	[Moharir, Minal; Patil, Bharat Rahuldhev] RV Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	1	IGI GLOBAL	2327-039X	978-1-5225-8789-7; 978-1-5225-6071-5; 978-1-5225-6070-8	2019			http://dx.doi.org/10.4018/978-1-5225-6070-8.ch003

C	Madhusudan, P; Rathankumar, DB; Aishwarya, K; Anitha, GS		Madhusudan, Phalgun; Rathankumar, D. B.; Aishwarya, K.; Anitha, G. S.	Computationally Efficient Algorithms and High-Speed ASIC design for Railway Gate Automation	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2018)	Proceedings Paper	2nd International Conference on Computing Methodologies and Communication (ICCMC)	FEB 15-16, 2018	Hundreds of deaths take place every year in developing countries like India due to improperly operated railway gates. Today, majority of level crossings are operated manually. This has several drawbacks, both social and economical. This paper proposes two algorithms that are meant to completely automate	[Madhusudan, Phalgun; Rathankumar, D. B.; Aishwarya, K.; Anitha, G. S.] RV Coll Engn, Dept Elect & Elect Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-3452-3	2018			

C	Srujhana, P; Menon, RJ; Basutkar, SM; Devi, MVR	Eswaramoorthy, M; Senthilkumaran, T; Mathivanan, M	Srujhana, P.; Menon, Rohit J.; Basutkar, S. M.; Devi, M. V. Renuka	Demolished Brick Masonry as a Replacement of River Sand in Cement and Cement Lime Mortar	INTERNATIONAL CONFERENCE ON SUSTAINABLE ENGINEERING AND TECHNOLOGY (ICONSET 2018)	Proceedings Paper	1st International Conference on Sustainable Engineering and Technology (IconSet)	APR 19-20, 2018	The excessive sand usage and depleting resources for natural sand, has persuaded to consider alternative materials as a substitute to sand. Construction and demolition waste can be an option as alternative to sand. Considerable volume of waste is produced during demolition of a building. The increased demolition of old	[Srujhana, P.; Menon, Rohit J.; Basutkar, S. M.; Devi, M. V. Renuka] RV Coll Engn, Civil Engn Dept, Bangalore, Karnataka, India	R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-1765-6	2018	2039		http://dx.doi.org/10.1063/1.5079008

C	Yadhuraj, SR; Gandla, SB; Sudarshan, BG; Kumar, SCP		Yadhuraj, S. R.; Gandla, Satheesh Babu; Sudarshan, B. G.; Kumar, Prasanna S. C.	Preparation and Study of PDMS Material	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	PDMS (polydimethylsiloxane) has provided number of advantages in recent years has its applications in drug delivery system, dry electrodes and other microfluidic applications. PDMS has also gained its importance as it is easy to prepare and also biocompatible. In this work the PDMS is made to PDMS solid by processing the powder	[Yadhuraj, S. R.; Sudarshan, B. G.; Kumar, Prasanna S. C.] RVCE, Dept Elect & Instrumentat, Bengaluru 560059, India; [Gandla, Satheesh Babu] RVCE, Dept Interdisciplinary Res Ctr, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	10	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.547

J	Rohit, B		Rohit, Benjamin	An analytical solution to estimate the critical buckling load of doubly-curved laminates under a combined load of uni-axial compression, in-plane shear and bending moment	MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES	Article			Curved panels are structural elements that form the skin of wings, fuselages and tail booms in aircraft. Buckling of these structures would adversely affect aircraft performance. Due to this, the problem of buckling has been extensively researched in the past. Most of the research has been restricted to the analysis of flat composite	[Rohit, Benjamin] Rashtreeya Vidyalaya Coll Engn, Dept Aerosp Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	TAYLOR & FRANCIS INC	1539-7734		2023	51	12	http://dx.doi.org/10.1080/15397734.2022.2081977

C	Rashmi, HS; Vishnumurthy, KA; Kusanur, R		Rashmi, H. S.; Vishnumurthy, K. A.; Kusanur, Raviraj	Design and synthesis of new conjugated copolymer for methanol sensing application	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	1st International Conference on Materials Science and Mathematics for Advanced Technology (MSMAT)	NOV 19-20, 2021	A conjugated copolymer comprised of aniline and pyrrole was synthesized by oxidative polymerization technique and the copolymer/ZnO nanocomposite thin films were prepared. The composite showed good sensing towards methanol vapours at room temperature. Composite showed faster response	[Rashmi, H. S.; Vishnumurthy, K. A.; Kusanur, Raviraj] RV Coll Engn Bengaluru, Dept Chem, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	0	ELSEVIER	2214-7853		2022	54		http://dx.doi.org/10.1016/j.matpr.2021.10.055

J	Lalitha, VP; Rangaswamy, S		Lalitha, V. P.; Rangaswamy, Shanta	Automatic object detection in aerial image using bent identity-convolutional neural network and fine tuning algorithm	MULTIMEDIA TOOLS AND APPLICATIONS	Article			In RS (Remote Sensing) imaging, one of the most important tasks is Object Detection (OD) which aims to extract the object location and class information. Object detection is termed the highly advanced approach, which is helpful in RS image analysis, scene and image content understanding. In recent years, the	[Lalitha, V. P.; Rangaswamy, Shanta] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering	1	SPRINGER	1380-7501		2022	81	7	http://dx.doi.org/10.1007/s11042-022-11948-7

C	Ahmed, IM; Koushik, BAA; Kumar, GMC; Neethu, S		Ahmed, I. Mustaq; Koushik, Anirudh B. A.; Kumar, Charan G. M.; Neethu, S.	Simulation of Direction of Arrival Using MUSIC Algorithm and Beamforming using Variable Step Size LMS Algorithm	2022 IEEE MICROWAVES, ANTENNAS, AND PROPAGATION CONFERENCE, MAPCON	Proceedings Paper	IEEE Microwaves, Antennas, and Propagation Conference (MAPCON)	DEC 12-16, 2022	In signal processing applications smart antenna arrays are used to locate sources of various signals and for beamforming. Various algorithms have been developed to determine or estimate the Direction Of Arrival (DOA). Direction Of Arrival estimation is utilized in a number of applications, including radar, navigation	[Ahmed, I. Mustaq; Koushik, Anirudh B. A.; Kumar, Charan G. M.; Neethu, S.] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-6654-5203-8	2022			http://dx.doi.org/10.1109/MAPCON56011.2022.10047120

C	Deepika, K; Prasad, BR	Smys, S; Balas, VE; Palanisamy, R	Deepika, K.; Prasad, B. Renuka	High-Precision Indoor Tracking Using Ultra-Wide Band Devices and Open Standards	INVENTIVE COMPUTATION AND INFORMATION TECHNOLOGIES, ICICIT 2021	Proceedings Paper	3rd International Conference on Inventive Computation and Information Technologies (ICICIT)	AUG 12-13, 2021	Indoor tracking requires precise localization with the use of short-range radio technology. Tracking the position of humans in an indoor environment is accomplished using UltraWide Band communication technology to achieve high accuracy. UltraWideBand (UWB) assists in positioning a user in an indoor environment. UWB technology-	[Deepika, K.; Prasad, B. Renuka] RV Coll Engn, Dept MCA, Bengaluru, Karnataka, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-3370	978-981-16-6723-7; 978-981-16-6722-0	2022	336		http://dx.doi.org/10.1007/978-981-16-6723-7_48

C	Chavan, AP; Ranasubhe, SM; Rohit, N; Aradhya, HVR	Chanda, M	Chavan, Arunkumar P.; Ranasubhe, Sachin Manohar; Rohit, N.; Aradhya, H. V. Ravish	A 2.5mW Low-Power Dual VCO Quantizer for Σ-Δ Modulator in 0.09µm CMOS	PROCEEDINGS OF 2ND INTERNATIONAL CONFERENCE ON VLSI DEVICE, CIRCUIT AND SYSTEM (IEEE VLSI DCS 2020)	Proceedings Paper	2nd International Conference on VLSI Device, Circuit and System (IEEE VLSI DCS)	JUL 18-19, 2020	Analog to digital converters are an essential requirement for signal processing application as it relates to real world signal that are continuous in nature and convert it into digital form. This paper depicts design and analysis of Dual Voltage Controlled Oscillator (VCO) enabled quantizer loop structure in continuous	[Chavan, Arunkumar P.; Ranasubhe, Sachin Manohar; Rohit, N.; Aradhya, H. V. Ravish] RV Coll Engn, Elect & Commun Engn, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-7281-1933-5	2020			

C	Dickshaw, D; Shanthi, P	Karruppusamy, P; Chen, J; Shi, Y	Dickshaw, Divya; Shanthi, P.	Performance Analysis of Digital Predistortion on Orthogonal Frequency Division Multiplexing Systems	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2019	Proceedings Paper	International Conference on Sustainable Communication Networks and Application (ICSCN)	JUL 30-31, 2019	Wireless communication technologies are constantly evolving since the commencement of the cellular networks. Due to increase in high data rate which is observed from 1G to 4G, spectacular innovations from text to video conferencing. Orthogonal Frequency Division Multiplexing(OFDM) is one of the most promising technique	[Dickshaw, Divya; Shanthi, P.] RVCE, Dept TCE, Bengaluru, India	R.V. College of Engineering	1	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-34515-0; 978-3-030-34514-3	2020	39		http://dx.doi.org/10.1007/978-3-030-34515-0_19

C	Ganesh, NB; Srihari, PV	Reddy, ANR; Marla, D; Simic, M; Favorskaya, MN; Satapathy, SC	Ganesh, N. Balaji; Srihari, P., V	Comparison of C.I Engine Performance Parameters and Emissions by Varying Designs of Intake Manifolds	INTELLIGENT MANUFACTURING AND ENERGY SUSTAINABILITY, ICIMES 2019	Proceedings Paper	International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES)	JUN 21-22, 2019	Fluid motion in compression ignition engine is induced during the induction process and later modified during the compression process. The main problem in compression ignition engine is improper combustion which is due to improper mixing of air and fuel due to shorter delay periods. In conventional engines, air motion is linear	[Ganesh, N. Balaji; Srihari, P., V] RV Coll Engn, Dept Mech Engn, Bengaluru, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2190-3018	978-981-15-1616-0; 978-981-15-1615-3	2020	169		http://dx.doi.org/10.1007/978-981-15-1616-0_50

C	Pujar, NV; Nanjundaradhya, NV; Sharma, RS		Pujar, Nagabhushan, V; Nanjundaradhya, N., V; Sharma, Ramesh S.	Effect of Stacking Sequence and Fiber Orientation on Natural Frequency of Hybrid Composites - an FE Approach	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 16-18, 2018	Hybridization technique wherein more than one type of fiber is combined in the same matrix provides an added advantage to the designer to further explore the potential of fiber-reinforced polymer composite. The dynamic behavior of an interlayer hybrid composite is complex as the stiffness of each layer of the fiber can	[Pujar, Nagabhushan, V; Nanjundaradhya, N., V; Sharma, Ramesh S.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	3	ELSEVIER	2214-7853		2020	24		

J	Roopa, TS; Murthy, HNN; Swathi, HS; Angadi, G; Harish, DVN		Roopa, T. S.; Murthy, H. N. Narasimha; Swathi, H. S.; Angadi, Gangadhar; Harish, D. V. N.	Synthesis and characterization of spin-coated clay/PVDF thin films	BULLETIN OF MATERIALS SCIENCE	Article			This paper reports the fabrication of Cloisite-15A (C-15A)-dispersed polyvinylidene fluoride (PVDF) nanocomposite thin films by spin coating and their characterization for sensor applications. The effects of nanoclay, duration of ultrasonication and spinning speed on the morphology and properties of thin films were	[Roopa, T. S.; Murthy, H. N. Narasimha; Swathi, H. S.; Angadi, Gangadhar; Harish, D. V. N.] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	8	INDIAN ACAD SCIENCES	0250-4707		2019	42	1	http://dx.doi.org/10.1007/s12034-018-1683-2

C	Meghana, RK; Chitkara, Y; Apoorva, S; Mohana		Meghana, R. K.; Chitkara, Yojan; Apoorva, S.; Mohana	Background-modelling techniques for foreground detection and Tracking using Gaussian Mixture Model	PROCEEDINGS OF THE 2019 3RD INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2019)	Proceedings Paper	3rd International Conference on Computing Methodologies and Communication (ICCMC)	MAR 27-29, 2019	Background Modelling and Foreground detection in sports has been achieved by cleverly developing a model of a background from a video by deducing knowledge from frames and comparing this model to every subsequent frame and subtracting the background region from it, hence leaving the foreground detected. This output from GMM	[Meghana, R. K.; Chitkara, Yojan; Apoorva, S.; Mohana] RV Coll Engn, Telecommun Engn, Bengaluru, India	R.V. College of Engineering	4	IEEE		978-1-5386-7808-4	2019			http://dx.doi.org/10.1109/iccmc.2019.8819825

C	Kaushik, V; Suhas, P		Kaushik, Varun; Suhas, P.	Fool Proof Ticketing System for Public Transport	PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEMS (ICCES 2018)	Proceedings Paper	3rd IEEE International Conference on Communication and Electronics Systems (ICCES)	OCT 15-16, 2018	The world is moving towards automation. The job of conductor is one of the many that is on the wane due to automation. The most popular form of automated ticketing is using RFID. RFID based ticketing system is inexpensive to implement and reliable in operation. Cities across the world have successfully implemented this	[Kaushik, Varun; Suhas, P.] RV Coll Engn, Elect & Commun, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-5386-4765-3	2018			

C	Vishwas, PG; Premananda, BS	Sa, PK; Sahoo, MN; Murugappan, M; Wu, Y; Majhi, B	Vishwas, P. G.; Premananda, B. S.	Development of LIN 2.1 Driver with SAE Standards for RL78 Microcontroller	PROGRESS IN INTELLIGENT COMPUTING TECHNIQUES: THEORY, PRACTICE, AND APPLICATIONS, VOL 1	Proceedings Paper	4th International Conference on Advanced Computing, Networking and Informatics (ICACNI)	SEP 22-24, 2016	Communication Protocols play a vital role in the functioning of various communication systems. LIN is cheaper compared to other communication protocols and is used wherever low costs are essential and speed is not an issue. To enable cold start in case of diesel engines, the cylinders are fitted with glow plugs to preheat the	[Vishwas, P. G.; Premananda, B. S.] RV Coll Engn, Dept Telecommun Engn, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG BERLIN	2194-5357	978-981-10-3373-5; 978-981-10-3372-8	2018	518		http://dx.doi.org/10.1007/978-981-10-3373-5_49

C	Vivek, A; Holla, V; Krupashankara, MS		Vivek, A.; Holla, Vijaya; Krupashankara, M. S.	Effect Of Improving Damping Ratio On Surface Finish By Filling Particulate Reinforced Polymer Composites In Machine Tool Structures	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Materials Manufacturing and Modelling (ICMMM)	MAR 09-11, 2017	It is proven that the structural damping plays an important role in determining machine tool precision. Machine tool industries are trying to increase the machine tool precision by various passive and active damping methods with no appreciable success. However, research involving polymer composites, particularly particulate	[Vivek, A.; Holla, Vijaya; Krupashankara, M. S.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	8	ELSEVIER SCIENCE BV	2214-7853		2018	5	5	http://dx.doi.org/10.1016/j.matpr.2018.02.203

J	Gowda, SMH; Karthick, M; Niketh, SK; Kanagil, MA; Guptha, VLJ; Bharatish, A; Sharma, RS		Gowda, S. M. H.; Karthick, M.; Niketh, S. K.; Kanagil, M. A.; Guptha, V. L. J.; Bharatish, A.; Sharma, R. S.	Effect of Laser Parameters on the Vibrational Characteristics of AlSi10Mg Parts Produced Using Selective Laser Melting (SLM)	LASERS IN ENGINEERING	Article			AlSi10Mg aluminium alloy is mostly produced using selective laser melting (SLM) technique which is widely adopted in automotive and aerospace heat exchangers. Along with mechanical performance, vibrational behavior of selective laser melted parts becomes a paramount to enhance the part quality and repeatability of the	[Gowda, S. M. H.; Karthick, M.; Niketh, S. K.; Kanagil, M. A.; Guptha, V. L. J.; Bharatish, A.; Sharma, R. S.] RV Coll Engn, Dept Mech Engn, Mysore Rd, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	OLD CITY PUBLISHING INC	0898-1507		2021	51	1-5	

J	Angadi, G; Murthy, HNN; Sridhar, R; Firdosh, S; Roopa, TS		Angadi, G.; Murthy, H. N. N.; Sridhar, R.; Firdosh, S.; Roopa, T. S.	Study of Mechanical and Moisture Absorption Behavior of Epoxy/Cloisite-15A Nanocomposites Processed Using Twin Screw Extruder	INTERNATIONAL POLYMER PROCESSING	Article			This paper presents the effect of process parameters of twin screw extruder and addition of Cloisite-15A on mechanical, thermal and moisture barrier properties of epoxy/Cloisite-15A nanocomposites. Four lobed kneading blocks were used the in shearing zone of the extruder, based on their effectiveness in dispersing	[Angadi, G.; Murthy, H. N. N.; Sridhar, R.; Firdosh, S.; Roopa, T. S.] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	CARL HANSER VERLAG	0930-777X		2020	35	3	http://dx.doi.org/10.3139/217.3875

J	Pallavi, S; Shruti, S; Anismita, S; Tanisha, U; Sumathra, M; Reddy, AHM		Pallavi, Surana; Shruti, Singh; Anismita, Saha; Tanisha, Ujjain; Sumathra, Manokaran; Reddy, Manjunatha A. H.	In silico study of the therapeutic role of natural compounds in influenza A	RESEARCH JOURNAL OF BIOTECHNOLOGY	Article			H1N1 flu has been a widespread catastrophe emerging notoriously the past decade. This study is focused on evaluating the possible role of natural antioxidants as sialic acid adding moeities which could help in alleviating the flu attack. Ten different natural antioxidant compounds were the focus of the study. Molecular docking	[Pallavi, Surana; Shruti, Singh; Anismita, Saha; Tanisha, Ujjain; Sumathra, Manokaran; Reddy, Manjunatha A. H.] RV Coll Engn, Dept Biotechnol, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	RESEARCH JOURNAL BIOTECHNOLOGY	2278-4535		2020	15	6	

C	Siddhartha, B; Chavan, AP; Uma, BV		Siddhartha, B.; Chavan, Arunkumar P.; Uma, B. V.	An Electronic Smart Jacket for the Navigation of Visually Impaired Society	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	According to World Health Organisation (WHO) study, 90% of the info to the human brain is sent through eyes alone. The Study also says that there are about 285 million visually impaired or blind people across world. In this paper, we proposed an efficient, reliable and low-cost wearable jacket for the people suffering from visual	[Siddhartha, B.; Chavan, Arunkumar P.; Uma, B. V.] RV Coll Engn, Bengaluru 560059, India	R.V. College of Engineering	7	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.344

C	Srividya, P		Srividya, P.	Finfet based Frequency Divider Design Using True Single Phase Clock Technique	2018 INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING (ICRIEECE 2018)	Proceedings Paper	International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering (ICRIEECE)	JUL 27-28, 2018	FinFETs are superior than CMOS in terms of area, power and voltage. The short channel effects are greatly reduced in FINFETs compared to planar technology. True Single Phase clock is a dynamic circuit architecture to use only a single clock signal without inverting. Since the inverted clock signal is used in the design, clock skew problems does not	[Srividya, P.] RVCE, Dept ECE, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-5995-3	2018			

C	Sunitha, S; Sadashivappa, G		Sunitha, S.; Sadashivappa, G.	Design and Analysis of 2X2 MIMO system for WLANs - A Review	2018 CONFERENCE ON EMERGING DEVICES AND SMART SYSTEMS (ICEDSS)	Proceedings Paper	Conference on Emerging Devices and Smart Systems (ICEDSS)	MAR 02-03, 2018	802.11n considered as the newest standard in the IEEE 802.11 family. It includes the benefits of earlier version of the standard 802.11a/b also g. 802.11n which has 2.4GHz operating frequency similar to the 802.11g/b, and Orthogonal Frequency Division Multiplexing modulation such as 802.11a. It also utilizes	[Sunitha, S.] RVCE, Dept Telecommun Engn, Digital Commun Engn, Bengaluru, India; [Sadashivappa, G.] RVCE, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	0	IEEE		978-1-5386-3479-0	2018			

J	Bilihalli, HK		Bilihalli, Hemanth K.	Physics of Conductive Conjugated Polymers A Primer	RESONANCE-JOURNAL OF SCIENCE EDUCATION	Article			In this expository article, the importance of electron-phonon coupling to charge transport in conductive polymers-as a result of a vanishingdynamicbandgap-is outlined. The author's interpretation of physical models for this process: models are presented for predicting the conduction modes activated during charge	[Bilihalli, Hemanth K.] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	0	SPRINGER INDIA	0971-8044		2020	25	7	http://dx.doi.org/10.1007/s12045-020-1011-1

C	Abhinav, S; Srinivasan, S; Ganesan, A; Anala, MR; Mamatha, T		Abhinav, S.; Srinivasan, Sahana; Ganesan, Aishwarya; Anala, M. R.; Mamatha, T.	Wireless water quality monitoring and quality deterioration prediction system	2019 26TH INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING, DATA AND ANALYTICS WORKSHOP (HIPCW 2019)	Proceedings Paper	26th International Conference on High Performance Computing, Data and Analytics (HiPCW)	DEC 17-20, 2019	Water is an essential resource in day-to-day life. Pollution and urbanization have led to higher susceptibility of source water to contamination. There is a pressing need to develop a water quality monitoring system to preserve the quality of source water and ultimately safeguard human health. This paper proposes a low cost, wireless	[Abhinav, S.; Srinivasan, Sahana; Ganesan, Aishwarya; Anala, M. R.; Mamatha, T.] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	1	IEEE COMPUTER SOC		978-1-7281-4894-6	2019			http://dx.doi.org/10.1109/HiPCW.2019.00013

J	Nethravathi, KA; Shankar, SR		Nethravathi, K. A.; Shankar, S. Ravi	Signal Superposition Model with Mineralogy Based Spectroscopic Dielectric Model in Wireless Underground Sensor Networks	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS	Article			The propagation of EM waves in soil is defined by permittivity and permeability which are in turn affected by the soil parameters such as soil moisture and texture. Therefore, a suitable Dielectric Model like MBSDM is required for the channel characterization of WUSN. Effect of soil parameters and environmental conditions	[Nethravathi, K. A.; Shankar, S. Ravi] RV Coll Engn, ECE DEPT, Bangalore 560059, Karnataka, India	R.V. College of Engineering	1	POLSKA AKADNAUK, POLISH ACADSCIENCES	2081-8491		2019	65	4	http://dx.doi.org/10.24425/ijet.2019.130251

C	Shylashree, N; Hosur, A; Praveena, N	Sridhar, V; Padma, MC; Rao, KAR	Shylashree, N.; Hosur, Amruta; Praveena, N.	Design of Ternary SRAM Cell Based on Level Shift Ternary Inverter	EMERGING RESEARCH IN ELECTRONICS, COMPUTER SCIENCE AND TECHNOLOGY, ICERECT 2018	Proceedings Paper	3rd International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	AUG 23-24, 2018	In terms of memory, multivalued logic can be the fitting logic for the existing binary logic. Ternary logic contains three symbols in place of two symbols used in the binary logic, i.e., 0, 1, 2. More information can be stored with the help of these three symbols. SRAM cell is widely used in the digital circuit. The SRAM cell	[Shylashree, N.; Praveena, N.] Rashtreeya Vidyalaya Coll Engn, Dept ECE, Bangalore 560059, Karnataka, India; [Hosur, Amruta] Rashtreeya Vidyalaya Coll Engn, VLSI Design & Embedded Syst, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	3	SPRINGER-VERLAG SINGAPORE PTE LTD	1876-1100	978-981-13-5802-9; 978-981-13-5801-2	2019	545		http://dx.doi.org/10.1007/978-981-13-5802-9_79

C	Devaraj, D; Suma, R; Kumar, SCP		Devaraj, Deepashree; Suma, R.; Kumar, S. C. Prasanna	A survey on segmentation of exudates and microaneurysms for early detection of diabetic retinopathy	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	Early detection of the retinal diseases like diabetic retinopathy is fundamental to the avoidance of visual misfortune. An automated Diabetic Retinopathy screening will enable the detection of lesions accurately, thus helping the ophthalmologists. The analysis of retinal abnormalities, for example, exudates, microaneury	[Devaraj, Deepashree; Suma, R.; Kumar, S. C. Prasanna] RV Coll Engn, Dept Elect & Instrumentat Engn, Mysuru Rd, Bengaluru 560059, India	R.V. College of Engineering	8	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.372

C	Ramya, K; Shanthi, P		Ramya, K.; Shanthi, P.	Design of Class-AB Power Amplifier using GaN HEMT Technology	2018 4TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	Proceedings Paper	4th International Conference for Convergence in Technology (I2CT)	OCT 27-28, 2018	In this paper, design methodology of 10W wideband power amplifier using GaN HEMT technology at operating frequency of 2.4GHz is presented. Load pull simulation is carried out in order to find the optimum source/load impedance of the transistor. The designed amplifier design is evaluated for both small and large signal	[Ramya, K.; Shanthi, P.] RVCE, Dept Telecommun Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	2	IEEE		978-1-5386-5232-9	2018			

J	Premananda, BS; Sreedhar, S		Premananda, Belegehalli Siddaiah; Sreedhar, Srivaths	LOW-POWER PHASE FREQUENCY DETECTOR USING HYBRID AVLS AND LECTOR TECHNIQUES FOR LOW-POWER PLL	ADVANCES IN ELECTRICAL AND ELECTRONIC ENGINEERING	Article			Wireless communication is a fast-growing industry and recent developments focus on improving certain aspects of the area and reducing the power con-sumption while maintaining the frequency of operation. Phase Locked Loop (PLL) is an integral part of commu-nication circuits which operate at very high frequencies	[Premananda, Belegehalli Siddaiah; Sreedhar, Srivaths] Rashtreeya Vidyalaya Coll Engn, Dept Elect & Telecommun Engn, RV Vidyaniketh an Post,8th Mile Mysuru Rd, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	3	VSB-TECHNICAL UNIVOSTRAVA	1336-1376		2022	20	3	http://dx.doi.org/10.15598/aeee.v20i3.4593

J	Prasanna, A; Niranjan, V		Prasanna, Akshatha; Niranjan, Vidya	MutVis: Automated framework for analysis and visualization of mutational signatures in pathogenic bacterial strains	INFECTION GENETICS AND EVOLUTION	Article			In recent years, mutational signature analysis has become a routine practice in cancer genomics for classification and diagnosis. Characterizing mutational signatures across species or within genomes of a bacteria helps in understanding their evolution and adaptation. However, an integrated framework for analysis	[Prasanna, Akshatha; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	1	ELSEVIER	1567-1348		2021	91		http://dx.doi.org/10.1016/j.meegid.2021.104805

J	Amith, V; Sridhar, R; Gangadhar, A; Vishnumurthy, KA		Amith, V.; Sridhar, R.; Gangadhar, A.; Vishnumurthy, K. A.	Design and synthesis of PVDF-cloisite-30B nanocomposite fibers for energy harvesting applications	SURFACES AND INTERFACES	Article			Polymer nanofibers of PVDF/Cloisite-30B clay composites were synthesized by far field electrospinning technique. Taguchi's L9 orthogonal array was used to study the effect of process parameters in electrospinning. Different polymer composite films were prepared with various composition and	[Amith, V.; Sridhar, R.; Gangadhar, A.] RV Coll Engn, Dept Mech Engn, Bengaluru, India; [Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	8	ELSEVIER	2468-0230		2021	22		http://dx.doi.org/10.1016/j.surfin.2020.100869

J	Nagisetty, BG; Venkata, SHP		Nagisetty, Balaji Ganesh; Venkata, Sri Hari Podala	Sequential Procedure for Improving the Efficiency of CI Engine by Using Artificial Neural Networks	INTERNATIONAL JOURNAL OF HEAT AND TECHNOLOGY	Article			This work provides a sequential approach to improve efficiency of Combustion Ignition engines which involves both performance and emissions by using the artificial neural network (ANN). In recent years continuous work is going on for improving the output and reducing the emissions especially for	[Nagisetty, Balaji Ganesh; Venkata, Sri Hari Podala] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	INT INFORMATION & ENGINEERING TECHNOLOGY ASSOC	0392-8764		2020	38	4	http://dx.doi.org/10.18280/ijht.380422

J	Ramesh, P; Nagarajan, V; Khanchandani, V; Desai, VK; Niranjan, V		Ramesh, Pooja; Nagarajan, Vidhyavathy; Khanchandani, Vartika; Desai, Vasanth Kumar; Niranjan, Vidya	Proteomic variations of esophageal squamous cell carcinoma revealed by combining RNA-seq proteogenomics and G-PTM search strategy	HELIYON	Article			Background: Cancer that arises from epithelial cells of the esophagus is called esophagus squamous cell carcinoma (ESCC) and is mostly observed in developing nations. Evaluation of cancer genomes and its regulation into proteins plays a predominant role in understanding the cancer progressions. Mass-spectrometry-based	[Ramesh, Pooja; Nagarajan, Vidhyavathy; Khanchandani, Vartika; Desai, Vasanth Kumar; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India	R.V. College of Engineering	3	ELSEVIER SCI LTD			2020	6	8	http://dx.doi.org/10.1016/j.heliyon.2020.e04813

C	Nagendra, JS; Ramavenkateswaran, N		Nagendra, Jayam Siva; Ramavenkateswaran, N.	An Overview of Low Power Design Implementation of A Subsystem using UPF	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT-2020)	Proceedings Paper	5th International Conference on Inventive Computation Technologies (ICICT)	FEB 26-28, 2020	Power is the crucial element that needs to be considered in the SoC design. Architects will have the challenge to identify power issues early in the design flow and should come un with modular designs to reduce Dower consumntion. Low power methodologies have become prominent in present designs and acquire a	[Nagendra, Jayam Siva; Ramavenkateswaran, N.] RV Coll Engn, Dept ECE, Bengaluru 560059, India	R.V. College of Engineering	1	IEEE		978-1-7281-4685-0	2020			http://dx.doi.org/10.1109/icict48043.2020.9112524

C	Sundresh, HD; Priya, D	Ranganathan, G; Chen, J; Rocha, A	Sundresh, H. D.; Priya, D.	Design and Integrate IoT Sensors to RO Water Purifiers for Remote Monitoring and Allowing Users to Pay Per Usage on the Rented RO System	INVENTIVE COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES, ICICCT 2019	Proceedings Paper	International Conference on Inventive Communication and Computational Technologies (ICICCT)	APR 29-30, 2019	Internet of Things (IoT) has given promising chances to make better condition for humankind. One of its applications is smart metering. In today over-polluted world drinking water is the most precious and one of the costliest resources. This paper discusses the approach to provide access to clean drinking water for everyone	[Sundresh, H. D.] RV Coll Engn, Bangalore, India; [Priya, D.] RV Coll Engn, Dept Informat Sci, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	2	SPRINGER-VERLAG SINGAPORE PTE LTD	2367-3370	978-981-15-0146-3; 978-981-15-0145-6	2020	89		http://dx.doi.org/10.1007/978-981-15-0146-3_60

C	Rohit, B; Gowda, PD; Nagaraju, NB; Meghana, S		Rohit, Benjamin; Gowda, Punya D.; Nagaraju, Nandini B.; Meghana, S.	Life and Failure of Aircraft Wheels - A Review	2019 4TH INTERNATIONAL CONFERENCE ON MECHANICAL, MANUFACTURING, MODELING AND MECHATRONICS (IC4M 2019) & 2019 4TH INTERNATIONAL CONFERENCE ON DESIGN ENGINEERING AND SCIENCE (ICDES 2019)	Proceedings Paper	4th International Conference on Mechanical, Manufacturing, Modeling and Mechatronics (IC4M) / 4th International Conference on Design Engineering and Science (ICDES)	FEB 22-24, 2019	Aircraft wheels mounted with tires support the entire weight of an aircraft during ground operations and landing. Very stringent demands are placed on performance and reliability of landing gear components. The present day wheel is a split type forged aluminium alloy with an internal cold mounted	[Rohit, Benjamin; Gowda, Punya D.; Nagaraju, Nandini B.; Meghana, S.] Rashtreeya Vidyalaya Coll Engn, Dept Aerosp Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	1	IOP PUBLISHING LTD	1757-8981		2019	520		http://dx.doi.org/10.1088/1757-899X/520/1/012002

C	Ajay, KM; Dinesh, MN	Rao, CSP; Basavarajappa, S	Ajay, K. M.; Dinesh, M. N.	Influence of various Activated Carbon based Electrode Materials in the Performance of Super Capacitor	INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS AND MANUFACTURING APPLICATIONS (ICONAMMA-2017)	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 17-19, 2017	Various activated carbon based electrode materials with different surface areas was prepared on stainless steel based refillable super capacitor model using spin coating. Bio Synthesized Activated Carbon (BSAC), Activated Carbon (AC) and Graphite powder are chosen as electrode materials in this paper. Electrode	[Ajay, K. M.; Dinesh, M. N.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, India	R.V. College of Engineering	11	IOP PUBLISHING LTD	1757-8981		2018	310		http://dx.doi.org/10.1088/1757-899X/310/1/012083

C	Maalinii, GB; Jatti, A		Maalinii, G. Bala; Jatti, Anand	Brain Tumour Extraction using Morphological Reconstruction and Thresholding	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	Brain is one among the most important parts of human body without which survival becomes meaningless. Uncontrolled division of cells results in the formation of tumour. This paper presents a methodology to identify and segment brain tumour using Morphology based Reconstruction and Thresholdin	[Maalinii, G. Bala; Jatti, Anand] RV Coll Engn, Dept Elect & Instrumentat Engn, Bengaluru 560059, India	R.V. College of Engineering	2	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	

C	Subramanyam, TK; Goutham, P; Kumar, SP; Yadhuraj, SR; Geetha, KS		Subramanyam, T. K.; Goutham, P.; Kumar, S. Pavan; Yadhuraj, S. R.; Geetha, K. S.	Optimization of Sputtered AZO Thin Films for Device Application	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 20-22, 2016	Transparent conducting aluminium doped zinc oxide (AZO) thin films have attracted much attention for wider application in thin film devices such as thin film transistors, solar cells, gas sensors, piezoelectric transducers, etc. owing to their good electrical and optical properties combined with wide energy gap, non-toxicity, good	[Subramanyam, T. K.; Goutham, P.; Kumar, S. Pavan; Yadhuraj, S. R.] RV Coll Engn, Interdisciplinary Res Ctr, Bengaluru 560059, India; [Geetha, K. S.] RV Coll Engn, Dept Elect Engn, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	11	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.373

C	Tondare, RS; Shivaraj, BW; Narasimhamurthy, HN; Krishna, M; Subramanyam, TK		Tondare, Rajkumar S.; Shivaraj, B. W.; Narasimhamurthy, H. N.; Krishna, M.; Subramanyam, T. K.	Effect of deposition time on structural, electrical and optical properties of Aluminium doped ZnO thin films by RF magnetron sputtering	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	Transparent conducting aluminium doped ZnO (AZO) thin films were deposited on glass substrates by radio frequency (RF) magnetron sputtering at 200 degrees C substrate temperature, 150 W of power with various deposition times from 10 minutes to 90 minutes and maintaining working pressure of 2 x 10(-3) mbar and 100 mm electrode	[Tondare, Rajkumar S.; Shivaraj, B. W.; Narasimhamurthy, H. N.; Krishna, M.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Subramanyam, T. K.] RV Coll Engn, Interdisciplinary Res Ctr, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	15	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2018.01.052

C	Vijaya, G; Singh, MM; Krupashankara, MS; Srinivas, MR; Kulkarni, RS		Vijaya, G.; Singh, Muralidhar M.; Krupashankara, M. S.; Srinivas, M. R.; Kulkarni, R. S.	Development and Analysis of Tungsten-Aluminium oxide based solar thermal multilayer Coating	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	Development of magnetron sputtered tungsten based thin film coatings are considered as enhanced solar selective multilayer coatings for solar thermal applications. Tungsten thin film coatings deposited using magnetron sputtering process on stainless steel substrate acts as an infrared reflective layer and solar absorber	[Vijaya, G.; Singh, Muralidhar M.; Krupashankara, M. S.; Srinivas, M. R.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Kulkarni, R. S.] RV Coll Engn, Dept Aerosp Engn, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	2	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2017.11.038

C	Harish, A; Jhawar, S; Anisha, BS; Kumar, PR	Rangan athan, G; Chen, J; Rocha, A	Harish, A.; Jhawar, Saksham; Anisha, B. S.; Kumar, P. Ramakant h	Implementin g Machine Learning on Edge Devices with Limited Working Memory	INVENTI VE COMMUN ICATION AND COMPUT ATIONAL TECHNOL OGIES, ICICCT 2019	Proceedings Paper	International Conference on Inventive Communica tion and Computatio nal Technologie s (ICICCT)	APR 29-30, 2019	The architecture is aimed at pushing the computing towards the edge. When most of the computation occurs towards the edge device where the data is generated, the processing becomes faster and more efficient. This improves the user's wait time and delivers results faster to the user. Machine learning techniques are implemente	[Harish, A.; Jhawar, Saksham; Anisha, B. S.] RV Coll Engn, Informat Sci & Engn, Bengaluru, India; [Kumar, P. Ramakanth] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	R.V. College of Enginee ring; R.V. College of Enginee ring	2	SPRIN GER-VERLA G SINGA PORE PTE LTD	2367-3370	978-981-15-0146-3; 978-981-15-0145-6	2020	89		http://dx.doi.org/10.1007/978-981-15-0146-3_123

C	Srinivas, S; Karna, VR	Karrupusamy, P; Chen, J; Shi, Y	Srinivas, Spandana; Karna, Viswavardhan Reddy	A Survey on Various Message Brokers for Real-Time Big Data	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2019	Proceedings Paper	International Conference on Sustainable Communication Networks and Application (ICSCN)	JUL 30-31, 2019	In the current scenario, processing the huge information is very difficult in the data pipelines. The solution to overcome the above problem is by using message brokers. This will help in collecting and delivering the huge amount of real-time data. In this work, producer client is designed using java language to fetch the	[Srinivas, Spandana; Karna, Viswavardhan Reddy] RVCE, Dept TCE, Bengaluru, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-34515-0; 978-3-030-34514-3	2020	39		http://dx.doi.org/10.1007/978-3-030-34515-0_17

C	Anala, MR; Makker, M; Ashok, A		Anala, M. R.; Makker, Malika; Ashok, Aakanksha	Anomaly Detection in Surveillance Videos	2019 26TH INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING, DATA AND ANALYTICS WORKSHOP (HIPCW 2019)	Proceedings Paper	26th International Conference on High Performance Computing, Data and Analytics (HiPCW)	DEC 17-20, 2019	Every public or private area today is preferred to be under surveillance to ensure high levels of security. Since the surveillance happens round the clock, data gathered as a result is huge and requires a lot of manual work to go through every second of the recorded videos. This paper presents a system which can detect anomalous	[Anala, M. R.; Makker, Malika; Ashok, Aakanksha] RV Coll Engn, Comp Sci & Engn, Bangalore, Karnataka, India	R.V. College of Engineering	6	IEEE COMPUTER SOC		978-1-7281-4894-6	2019			http://dx.doi.org/10.1109/HiPCW.2019.00031

C	Hegde, KM; Abhilash, CR; Anirudh, K; Kashyap, P		Hegde, Kai Maitreya; Abhilash, C. R.; Anirudh, K.; Kashyap, Pramod	Design And Development Of RVSAT-1, A Student Nano-satellite With Biological Payload	2019 IEEE AEROSPACE CONFERENCE	Proceedings Paper	IEEE Aerospace Conference	MAR 02-09, 2019	Many universities across India are coming up with low-cost Pico/Nano/ Micro Satellites that have community based missions or payloads. Most of these are solely built by students who have no or very little experience in space technology. Students are driven by sheer motivation to build satellites and make exhaustible plans, especially	[Hegde, Kai Maitreya; Anirudh, K.; Kashyap, Pramod] RV Coll Engn, Dept Aerosp Engn, Bengaluru 560059, India; [Abhilash, C. R.] RV Coll Engn, Dept Ind Engn & Management, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	3	IEEE	1095-323X	978-1-5386-6854-2	2019			

C	Amulya, K; Sadashivappa, G		Amulya, K.; Sadashivappa, G.	Design and Implementation of a Reconfigurable Digital Down Converter for 4G Systems Using MATLAB and FPGA-A Review	2018 CONFERENCE ON EMERGING DEVICES AND SMART SYSTEMS (ICEDSS)	Proceedings Paper	Conference on Emerging Devices and Smart Systems (ICEDSS)	MAR 02-03, 2018	With the rapid growth in the technology, the generations that are evolved involve 1G, 2G, 3G, 4G and 56 technologies. The Digital Down Converter (DDC) is one of the important parts of a 4G receiver system. Development of an efficient DDC architecture is highly important because the applications are increasingly	[Amulya, K.] RVCE, Dept Telecommun Engn, Digital Commun Engn, Bengaluru, India; [Sadashivappa, G.] RVCE, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	1	IEEE		978-1-5386-3479-0	2018			

C	Premananda, BS; Bhargav, UK; Vineeth, KS		Premananda, B. S.; Bhargav, U. K.; Vineeth, Kaza Sai	Design and Analysis of Compact QCA Based 4-Bit Serial-Parallel Multiplier	2018 3RD INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS, COMMUNICATION, COMPUTER, AND OPTIMIZATION TECHNIQUES (ICEECCOT - 2018)	Proceedings Paper	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (IGEECCOT)	DEC 14-15, 2018	The Quantum-dot Cellular Automata (QCA) is an up-coming nanotechnology with great prospect to provide compact circuits with low energy compared to CMOS technology. The increasing demand for efficient signal processors necessitates the design of adders and multipliers which are compact and consumes less power	[Premananda, B. S.; Bhargav, U. K.; Vineeth, Kaza Sai] RV Coll Engn, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering	2	IEEE		978-1-5386-5130-8	2018			

J	Sridhar, R; Amith, V; Aditya, S; Gangadhar, A; Vishnumurthy, KA		Sridhar, R.; Amith, V.; Aditya, S.; Gangadhar, A.; Vishnumurthy, K. A.	Electrospun PVDF/Cloisite-30B and PVDF/BaTiO3/graphene nanofiber mats for development of nanogenerators	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	Article			The research work mainly focusses on the preparation of nanogenerators based on PVDF/Cloisite-30B and PVDF/BaTiO3/Graphene polymer nano composites using electrospinning technique. The process parameters were designed and optimized by applying Taguchi's Design of Experiments with L4 array	[Sridhar, R.; Amith, V.; Aditya, S.; Gangadhar, A.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India; [Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bengaluru 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	ELSEVIER	0019-4522		2022	99	6	http://dx.doi.org/10.1016/j.jics.2022.100501

J	Abhilash, CR; Murali, S; Haq, MA; Narahari, NS		Abhilash, C. R.; Murali, Sriraksha; Haq, M. Abdul; Narahari, N. S.	Design and evaluation of exoskeleton for static conditions using Indian anthropometric considerations	JOURNAL OF ENGINEERING DESIGN AND TECHNOLOGY	Article			Purpose Various occupations in life require personnel to stand for a prolonged period of time. This causes excessive stress on the joints leading to musculoskeletal disorders. This paper aims to design an equipment ensure the personnel rests on whenever necessary. Design/methodology/approach The method followed in this paper is the	[Abhilash, C. R.; Murali, Sriraksha; Haq, M. Abdul; Narahari, N. S.] RV Coll Engn, Dept Ind Engn & Management, Bangalore, Karnataka, India	R.V. College of Engineering	1	EMERALD GROUP PUBLISHING LTD	1726-0531		2022	20	5	http://dx.doi.org/10.1108/JEDT-08-2020-0348

C	Khadtare, SS		Khadtare, Sanmukh Sharad	Study and Conceptual Design on Cryogenic-Nuclear Propulsion System for Interplanetary & Leo Mission	2021 IEEE AEROSPACE CONFERENCE (AEROCONF 2021)	Proceedings Paper	IEEE Aerospace Conference (AeroConf)	MAR 06-13, 2021	In the past years, Space technology has developed exponentially, and this growth has made the dream of every man to realize interplanetary missions just a stone's throw away. The reason for such exponential growth is the curiosity to understand, research and explore other celestial objects and various other phenomena	[Khadtare, Sanmukh Sharad] RV Coll Engn, Dept Aerosp Engn, Bengaluru 560059, India	R.V. College of Engineering	0	IEEE	1095-323X	978-1-7281-7436-5	2021			http://dx.doi.org/10.1109/AERO50100.2021.9438436

J	Kumar, YS; Rao, KVSR; Sunil, RY		Kumar, Y. Sandeep; Rao, K. V. S. Rajeswara; Sunil, Y. R.	Investigation of Wear Behavior of Biopolymers for Total Knee Replacements Through Invitro Experimentation	INTERNATIONAL JOURNAL OF ENGINEERING	Article			The average life span of knee prosthesis used in Total Knee Replacement (TKR) is approximately 10 to 15 years. Literature indicates that the reasons for implant failures include wear, infection, instability, and stiffness. However, the majority of failures are due to wear and tear of the prosthesis. The most common biopolymer used in	[Kumar, Y. Sandeep; Rao, K. V. S. Rajeswara; Sunil, Y. R.] Rashtreeya Vidyalaya Coll Engn, Dept Ind Engn & Management, Bengaluru, India	R.V. College of Engineering	5	MATERIALS & ENERGY RESEARCH CENTER-MERC	1025-2495		2020	33	8	http://dx.doi.org/10.5829/ije.2020.33.08b.14

J	Munishamaiah, K		Munishamaiah, Krishna	Improved dielectric properties of microwave irradiated sol-gel derived SiO2-TiO2 thin film	RESULTS IN ENGINEERING	Article			The objective of the present investigation was to investigate the effect of conventional annealing and microwave irradiation on the structural, optical and dielectric properties of SiO2-TiO2 thin film developed by sol gel technique. SiO2-TiO2 thin film prepared using spin coater with optimized conditions, then heat treated by conventional annealing	[Munishamaiah, Krishna] RV Coll Engn, Res & Dev, Bengaluru, Karnataka, India	R.V. College of Engineering	3	ELSEVIER	2590-1230		2019	4		http://dx.doi.org/10.1016/j.rineng.2019.100033

C	Ganavi, MG; Premananda, BS	Sridhar, V; Padma, MC; Rao, KAR	Ganavi, M. G.; Premananda, B. S.	Design of Low-Power Square Root Carry Select Adder and Wallace Tree Multiplier Using Adiabatic Logic	EMERGING RESEARCH IN ELECTRONICS, COMPUTER SCIENCE AND TECHNOLOGY, ICERECT 2018	Proceedings Paper	3rd International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	AUG 23-24, 2018	Power dissipation is a significant issue in many digital and VLSI systems. Adiabatic logic is a promising technique in minimizing the power dissipation, and positive feedback adiabatic logic (PFAL) proves to be efficient. The arithmetic operations in the digital systems are incomplete without the use of adders and	[Ganavi, M. G.; Premananda, B. S.] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	2	SPRINGER-VERLAG SINGAPORE PTE LTD	1876-1100	978-981-13-5802-9; 978-981-13-5801-2	2019	545		http://dx.doi.org/10.1007/978-981-13-5802-9_67

C	Kashyap, SA; Sharma, SR; Guptha, VLJ	Kumar, GCM; Doddamani, MR	Kashyap, S. Adithya; Sharma, S. Ramesh; Guptha, V. L. Jagannatha	FEA Based Study of Effect of Characteristic Element Length on the Damaged Response of a Composite	ADVANCES IN POLYMER COMPOSITES: MECHANICS, CHARACTERIZATION AND APPLICATIONS	Proceedings Paper	2nd International Conference on Polymer Composites (ICPC)	DEC 14-15, 2018	In this paper, a finite element analysis based study of the effect of characteristic element length on the damaged response of a composite is performed taking into consideration the damage evolution concept and how it is implemented in the FEA tool ABAQUS. Various options available to define the damaged response of	[Kashyap, S. Adithya; Sharma, S. Ramesh; Guptha, V. L. Jagannatha] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-1785-4	2019	2057		http://dx.doi.org/10.1063/1.5085626

C	Nikitha, L; Bhargavi, NS; Kariyappa, BS	Sridhar, V; Padma, MC; Rao, KAR	Nikitha, L.; Bhargavi, N. S.; Kariyappa, B. S.	Design and Development of Non-volatile Multi-threshold Schmitt Trigger SRAM Cell	EMERGING RESEARCH IN ELECTRONICS, COMPUTER SCIENCE AND TECHNOLOGY, ICERECT 2018	Proceedings Paper	3rd International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	AUG 23-24, 2018	Memory is one of the fundamental components of the modern computers. The need for low-power, faster non-volatile memories has been increasing due to compact and increased chip density. In this paper, the faster volatile Schmitt trigger SRAM cell with improved read and write operation is made non-	[Nikitha, L.; Bhargavi, N. S.] RV Coll Engn, Bangalore 560059, Karnataka, India; [Kariyappa, B. S.] RV Coll Engn, Dept ECE, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	SPRINGER-VERLAG SINGAPORE PTE LTD	1876-1100	978-981-13-5802-9; 978-981-13-5801-2	2019	545		http://dx.doi.org/10.1007/978-981-13-5802-9_76

S	Srivastava, AK; Gupta, PK; Hiremath, L; Kumar, SN; Narayan, AV	Naraian, R	Srivastava, Ajeet Kumar; Gupta, Praveen Kumar; Hiremath, Lingayya; Kumar, S. Narendra; Narayan, A. V.	Biodegradation of Lignocellulosic Biomass and Production of Ethanol Using Potential Microorganisms	MYCODEGRADATION OF LIGNOCELLULOSES	Article; Book Chapter				[Srivastava, Ajeet Kumar; Gupta, Praveen Kumar; Hiremath, Lingayya; Kumar, S. Narendra; Narayan, A. V.] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2198-7777	978-3-030-23834-6; 978-3-030-23833-9	2019			http://dx.doi.org/10.1007/978-3-030-23834-6_5

J	Imran, MMM; Shylashree, N		Imran, M. M. Mohammed; Shylashree, N.	Effective resistance calculation and automated solution for fixing reliability verification violations	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	Article			This paper covers the automation done to upgrade the reliability verification in the backend circuit design of microchips. Automation is done to upgrade the reduction of violations which occurs during the reliability verification flow by considering each branch or loop resistors and calculating the current through each resistor. It is also	[Imran, M. M. Mohammed] RVCE, VLSI & Embedded Syst, Bengaluru 59, India; [Shylashree, N.] RVCE, Dept ECE, Bengaluru 59, India	R.V. College of Engineering; R.V. College of Engineering	0	SPRINGER HEIDELBERG	0946-7076		2018	24	12	http://dx.doi.org/10.1007/s00542-018-3886-2

C	Gogi, VJ; Vijayalakshmi, MN		Gogi, Vyshali J.; Vijayalakshmi, M. N.	Prognosis of Liver Disease: Using Machine Learning Algorithms	2018 INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING (ICRIEECE 2018)	Proceedings Paper	International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering (ICRIEECE)	JUL 27-28, 2018	the process of identifying patterns in huge datasets comprising methods such as machine learning, statistics, and database system can beconsidered data mining. It is a multidisciplinary field in computer science and it excerpts knowledge from the massive data set and converts into comprehensible format. The Medical	[Gogi, Vyshali J.; Vijayalakshmi, M. N.] RVCE, Dept MCA, Bangalore, Karnataka, India	R.V. College of Engineering	2	IEEE		978-1-5386-5995-3	2018			

C	Yadhuraj, SR; Gandla, SB; Omprakash, SS; Sudarshan, BG; Kumar, SCP		Yadhuraj, S. R.; Gandla, Satheesh Babu; Omprakash, S. S.; Sudarshan, B. G.; Kumar, Prasanna S. C.	Design and Development of Micro-channel using PDMS for Biomedical Applications	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Micro channels provide the vital breakthrough in many of the applications like drug delivery system. In recent years many of the drugs consumed orally or through injections are at higher doses compared to the actual need for treating which may intern causes after effect of the medicine though initially the disease may apparently	[Yadhuraj, S. R.; Sudarshan, B. G.; Kumar, Prasanna S. C.] RVCE, Dept Elect & Instrumentat, Bengaluru 560059, India; [Gandla, Satheesh Babu; Omprakash, S. S.] RVCE, Dept Interdisciplinary Res Ctr, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	8	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.545

J	Darshan, S; Shivaraj, BW; Bharatish, A; Krishna, M; Murthy, HNN		Darshan, S.; Shivaraj, B. W.; Bharatish, A.; Krishna, M.; Murthy, Narasimha H. N.	Effect of Serrated Endmill Geometry on Machining Responses of Al 2024 Thin-Walled Components	JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS	Article			Thin-walled components are widely adopted in aircraft structures due to the eminent characteristics such as light weight, high strength to weight ratio, high usability and ergonomics. However, the lower stiffness of these components results in static and dynamic instabilities during their machining. Thus, there is a requirement to reduce	[Darshan, S.; Shivaraj, B. W.; Bharatish, A.; Krishna, M.; Murthy, Narasimha H. N.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	0	CHINESE SOC MECHANICAL ENGINEERS	0257-9731		2022	43	6	

J	Suma, B; Shobha, G		Suma, B.; Shobha, G.	Fractional salp swarm algorithm: An association rule based privacy-preserving strategy for data sanitization	JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	Article			Background: Data mining is the process of extracting hidden patterns from huge repositories. Privacy preservation at the time of data shared for mining is a demanding dilemma. Conventional techniques, such as access control and authentication have been used to handle data privacy. Various data sanitization techniques	[Suma, B.; Shobha, G.] RV Coll Engn, Dept Comp Sci & Engn, Mysore Rd, Bengaluru 560059, India	R.V. College of Engineering	4	ELSEVIER	2214-2126		2022	68		http://dx.doi.org/10.1016/j.jisa.2022.103224

C	Mahesh, A; Adiga, AK; Manjunath, AK; Giddegowda, Y; Bhatkoorse, R		Mahesh, A.; Adiga, Ashish K.; Manjunath, Abhishek K.; Giddegowda, Yashwanth; Bhatkoorse, Rohini	Gain Enhancement of 4x4 mm-Wave Patch Array with Dielectric Shells and Metamaterial Lens: A Comparative Study	2022 IEEE WIRELESS ANTENNA AND MICROWAVE SYMPOSIUM (WAMS 2022)	Proceedings Paper	IEEE Wireless Antenna and Microwave Symposium (WAMS)	JUN 05-08, 2022	In this work, a comparative study between multilayered shells and multilayered metamaterial lens for gain enhancement of a 4x4 array is carried out. A 4x4 rectangular patch antenna array operating at 24GHz is designed. The patch has perturbations at the corners to achieve circular polarization (CP). The array has	[Mahesh, A.; Adiga, Ashish K.; Manjunath, Abhishek K.; Giddegowda, Yashwanth; Bhatkoorse, Rohini] RV Coll Engn, Dept ECE, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-6654-5846-7	2022			http://dx.doi.org/10.1109/WAMS54719.2022.9847876

C	Ahmad, SF; Jha, U; Rawat, R; Govindaraju, M		Ahmad, Syed Farhan; Jha, Utkarsh; Rawat, Raghav; Govindaraju, M.	Audio Distress Signal Recognition in Rural and Urban Areas using a WSN consisting of Portable Resource-Constrained Devices	2021 28TH IEEE INTERNATIONAL CONFERENCE ON ELECTRONICS, CIRCUITS, AND SYSTEMS (IEEE ICECS 2021)	Proceedings Paper	28th IEEE International Conference on Electronics, Circuits, and Systems (IEEE ICECS)	NOV 28-DEC 01, 2021	The safety of women, children and old-aged individuals in rural and urban areas is at great risk in many countries. With an unprecedented rise in population of cities & villages and the huge adoption of technology, it is vital to create new efforts toward safeguarding urban and rural residents against crime. Improving emergency systems in	[Ahmad, Syed Farhan; Jha, Utkarsh; Rawat, Raghav; Govindaraju, M.] RVCE, Dept ECE, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-7281-8281-0	2021			http://dx.doi.org/10.1109/ICECS53924.2021.9665474

J	Gupta, C; Rao, KVSR; Ravishankar, V		Gupta, Chhavi; Rao, K. V. S. Rajeswara; Ravishankar, V	Analysis and definition of factors influencing work-life balance of women professionals in information technology enterprises in India	INTERNATIONAL JOURNAL OF INDIAN CULTURE AND BUSINESS MANAGEMENT	Article			The IT industry has seen a phenomenal growth in India. It has been an enabler for educated women by providing them unprecedented career opportunities, financial security, status and immense prospects. However, career advancement of women in IT enterprises is ridden with multi-dimensional challenges emerging at the organisation workplace	[Gupta, Chhavi; Rao, K. V. S. Rajeswara; Ravishankar, V] RV Coll Engn, Dept IEM, Bangalore, Karnataka, India	R.V. College of Engineering	0	INDERSCIENCE ENTERPRISES LTD	1753-0806		2021	24	2	http://dx.doi.org/10.1504/IJICBM.2021.118884

J	Krishna, M; Kumar, SM		Krishna, M.; Kumar, S. Mahendra	Synthesis of nanocrystalline titanium nitride by microwave plasma technique	SN APPLIED SCIENCES	Article			Nano-crystalline titanium nitride was prepared by the microwave plasma synthesis technique by optimizing microwave process parameters such as power, gas flow rate and pressure based on the stable plasma. Synthesized nanocrystalline titanium nitride was characterized to determine the structural properties such as	[Krishna, M.; Kumar, S. Mahendra] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	R.V. College of Engineering	9	SPRINGER INTERNATIONAL PUBLISHING AG	2523-3963		2019	1	8	http://dx.doi.org/10.1007/s42452-019-0836-2

S	Gupta, PK; Choudhary, S; Chandrananthi, C; Eveline, JS; Sushmitha, SP	Naraian, R	Gupta, Praveen Kumar; Choudhary, Shreya; Chandrananthi, C.; Eveline, J. Sharon; Sushmitha, S. P.	Fungal Biodiversity Producing Cellulase Involved in Efficient Cellulolysis	MYCODEGRADATION OF LIGNOCELLULOSES	Article; Book Chapter				[Gupta, Praveen Kumar; Choudhary, Shreya; Chandrananthi, C.; Eveline, J. Sharon; Sushmitha, S. P.] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India	R.V. College of Engineering	1	SPRINGER INTERNATIONAL PUBLISHING AG	2198-7777	978-3-030-23834-6; 978-3-030-23833-9	2019			http://dx.doi.org/10.1007/978-3-030-23834-6_2

C	Shetty, J; Sajjan, R; Shobha, G	Bansal, A; Singhal, A	Shetty, Jyoti; Sajjan, Rahul; Shobha, G.	Task Resource Usage Analysis and Failure Prediction in Cloud	2019 9TH INTERNATIONAL CONFERENCE ON CLOUD COMPUTING, DATA SCIENCE & ENGINEERING (CONFLUENCE 2019)	Proceedings Paper	9th International Conference on Cloud Computing, Data Science and Engineering (CONFLUENCE)	JAN 10-11, 2019	To improve the reliability of the cloud computing system it is important to understand the failure characteristics and to predict failures earlier to avoid it. A statistical analysis of workload data on the cloud provides insights into failure characteristics, which can be used as a cue to improve the reliability of the system. This manuscript	[Shetty, Jyoti; Sajjan, Rahul; Shobha, G.] RV Coll Engn, Comp Sci & Engn, Bengaluru, India	R.V. College of Engineering	8	IEEE		978-1-5386-5933-5	2019			http://dx.doi.org/10.1109/confluence.2019.8776612

J	Venkatram, M; Rao, NMHN; Gaikwad, A; Mankunipoyil, SA; Ramakrishna, S; Ratna, PA		Venkatram, Mamtha; Rao, Narasimha Murthy Hebbale Narayana; Gaikwad, Anand; Mankunipoyil, Sham Aan; Ramakrishna, Sridhar; Ratna, Phani Ayalasomayajula	Antibacterial and Flame Retardant Properties of Ag-MgO/Nylon 6 Electrospun Nanofibers for Protective Applications	CLOTHING AND TEXTILES RESEARCH JOURNAL	Article			Electrospun nanofibers are researched for protective applications. Ag nanoparticles promote antibacterial properties and MgO enhances fire retardancy. The main objective of this research was to develop Ag/MgO/Nylon 6 electrospun nanofibers that are scarcely reported. Nanofibers were synthesized using formic acid	[Venkatram, Mamtha; Rao, Narasimha Murthy Hebbale Narayana; Gaikwad, Anand; Mankunipoyil, Sham Aan; Ramakrishna, Sridhar] R V Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Ratna, Phani Ayalasomayajula] R V Coll Engn, Dept Chem, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	10	SAGE PUBLICATIONS INC	0887-302X		2018	36	4	http://dx.doi.org/10.1177/0887302X18783071

C	Bharadwaj, SS; Shivaraj, BW; Murthy, HNN; Krishna, M; Ganiger, M; Idris, M; Anawal, P; Angadi, VS		Bharadwaj, Sachin S.; Shivaraj, B. W.; Murthy, H. N. Narasimha; Krishna, M.; Ganiger, Manjush; Idris, Mohd; Anawal, Pundaleek; Angadi, Vitthal Sangappa	Synthesis and Characterization of Copper Doped Zinc Oxide Thin Films for CO Gas Sensing	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Objective of this work was to synthesize Copper doped Zinc Oxide (CZO) films and optimization of process parameters by varying molarity of zinc acetate dehydrate from 0.5 M to 1.0 M, concentration of copper acetate monohydrate from 1% to 5 % and annealing temperature from 200 degrees C to 300 degrees C to measure the sensitivity of CZO	[Bharadwaj, Sachin S.; Shivaraj, B. W.; Murthy, H. N. Narasimha; Krishna, M.; Ganiger, Manjush; Idris, Mohd; Anawal, Pundaleek; Angadi, Vitthal Sangappa] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	5	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.478

C	Mahesh, R; Kumar, HGA; Satyanarayana, S		Mahesh, R.; Kumar, Ashok H. G.; Satyanarayana, S.	Synthesis and characterization of smart compounds of 2-substituted benzimidazole derivatives for plant growth enhancement	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Benzimidazole substituted with 2-mercapto-N-methyl imidazole and its zinc complexes were synthesised and characterized by spectral techniques. The conductance values indicated the non-electrolyte nature of the complexes. Based on spectral evidence, tetrahedral geometry has been proposed complexes. Ligand and	[Mahesh, R.; Satyanarayana, S.] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Kumar, Ashok H. G.] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	3	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.561

C	Srividya, P; Sankonatti, J		Srividya, P.; Sankonatti, Jagannath	Fault Monitoring System for Photovoltaic Modules in Solar Panels using LabVIEW	2018 INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING (ICRIEECE 2018)	Proceedings Paper	International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering (ICRIEECE)	JUL 27-28, 2018	Photovoltaic systems which employ solar panels to generate electricity from sun's energy produce no green house effect and are almost pollution free. But one of the drawback of the system is in its efficiency of conversion. At present the achievable efficiency is approximately 30%. To improve the conversion efficiency, semiconduct	[Srividya, P.; Sankonatti, Jagannath] RVCE, Dept ECE, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-5995-3	2018			

C	Shreyas, P; Panda, B; Kumar, R		Shreyas, P.; Panda, Bijayani; Kumar, Rakesh	Mechanical properties and microstructure of 316L-galvanized steel weld	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Recent Advances in Materials, Manufacturing and Energy Systems (ICRAMMES)	JAN 03-04, 2019	Galvanized steel is welded to stainless steel for various structural applications. In this regard, the effect of zinc on the mechanical properties of galvanized low carbon steel and 316L stainless steel weld was studied. Welding was done using two shielding gas combinations; Ar + 2%O-2 and Ar + 2%He + 2%O-2 and with	[Shreyas, P.; Panda, Bijayani] CMR Inst Technol, 132 AECS Layout,ITPL Main Rd, Bengaluru 560037, India; [Kumar, Rakesh] RV Coll Engn, 8th Mile,Mysore Rd, Bangalore 560059, Karnataka, India	R.V. College of Engineering	9	ELSEVIER	2214-7853		2020	23		http://dx.doi.org/10.1016/j.matpr.2019.05.418

J	Chandrasekhar, K; Kumaraswamy, HV		Chandrasekhar, K.; Kumaraswamy, H. V.	Performance Evaluation of Pisarenko Harmonic Decomposition and Music-Like Algorithms for Narrowband Spectrum Sensing in Cognitive Radio	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	Article			Spectrum sensing is one of the enabling functionalities for cognitive radio systems to operate in the spectrum white space. To protect the primary incumbent users from interference the Cognitive Radio (CR) is required to detect the incumbent signals at a very low SNR. In this paper spectrum sensing algorithms are	[Chandrasekhar, K.] Jyothy Inst Technol, CIIRC, Bengaluru, India; [Kumaraswamy, H. V.] RV Coll Engn, Dept Telecommun Engn, Bengaluru, India	R.V. College of Engineering	2	NATL INST SCIENCE COMMUNICATION-NISCAIR	0022-4456		2019	78	7	

C	Ghalea, A; Varshitha, H; Kumar, MV; Mathd, MM	Bavan, S; Sreenivasa, RM	Ghalea, Ambresh; Varshitha, H.; Kumar, M. Vijay; Mathd, Mahantesh M.	Design Validation of High Inertia Generator Rotor	ADVANCED TRENDS IN MECHANICAL AND AEROSPACE ENGINEERING (ATMA-2019)	Proceedings Paper	International Conference on Advanced Trends in Mechanical and Aerospace Engineering (ATMA)	NOV 07-09, 2019	The rising urbanization in the developing economies and growing demand from the IT industries are the factors that are driving the global generator sales market. The global electric generator sales market is projected to reach USD 31.6 billion by 2025. Even though the market demand is high, the unbalance force is the vital key	[Ghalea, Ambresh; Varshitha, H.; Mathd, Mahantesh M.] RV Coll Engn, Mech Engn, Bengaluru, Karnataka, India; [Kumar, M. Vijay] JSSATE, Ind Engn Managemen t, Bengaluru, Karnataka, India	R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-4059-3	2021	2316		http://dx.doi.org/10.1063/5.0038271

J	Nadar, NR; Krishna, M; Suresh, AV		Nadar, Nandini R.; Krishna, M.; Suresh, A., V	Energy-harvesting enhancement in composites of microwave-exfoliated KNN and multiwall carbon nanotubes	BULLETIN OF MATERIALS SCIENCE	Article			The objective of this research work is to investigate the effect of multiwall carbon nanotube (MWCNT) content (0.3-1.2 wt%) on a potassium sodium niobate (KNN)-based piezoelectric unimorph harvester for enhancing the energy generation capacity. KNN-MWCNT composites were fabricated by using a microwave	[Nadar, Nandini R.; Suresh, A., V] BMS Inst Technol & Management, Dept Mech Engn, Bangalore 560064, Karnataka, India; [Krishna, M.] RV Coll Engn, Dept Mech Engn, Res & Dev Ctr, Bangalore 560059, Karnataka, India	R.V. College of Engineering	1	INDIAN ACAD SCIENCES	0250-4707		2019	42	5	http://dx.doi.org/10.1007/s12034-019-1938-6

C	Bhat, S; Kumar, BS; Moses, V; Akshay, CB; Rai, R	Eswaramoorthy, M; Senthilkumaran, T; Mathivanan, M	Bhat, Sumedha; Kumar, Snehil B.; Moses, Vinutha; Akshay, C. B.; Rai, Rishil	Development of a Bio-resin From Organic Waste and Its Application to Make High Strength Composites	INTERNATIONAL CONFERENCE ON SUSTAINABLE ENGINEERING AND TECHNOLOGY (ICONSET 2018)	Proceedings Paper	1st International Conference on Sustainable Engineering and Technology (IconSet)	APR 19-20, 2018	Accumulation of waste is a global problem. The amount of waste deposited is increasing with every passing year. 8.3 billion metric tons of solid waste is produced every year. Considering this fact, it is of paramount importance to reduce waste by any means possible. One of them is to convert waste to substances with a value such as bio-resin. A bio-	[Bhat, Sumedha; Kumar, Snehil B.; Moses, Vinutha; Akshay, C. B.; Rai, Rishil] Rashtreeya Vidhyalaya Coll Engn, Dept Chem Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	2	AMER INST PHYSICS	0094-243X	978-0-7354-1765-6	2018	2039		http://dx.doi.org/10.1063/1.5079019

C	Subramanyam, TK; Kumar, SP; Goutham, P; Suresh, R; Subramanya, KN		Subramanyam, T. K.; Kumar, S. Pavan; Goutham, P.; Suresh, R.; Subramanya, K. N.	Investigations on a-Si: H thin film solar cells by RF-PECVD	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Hydrogenated amorphous silicon thin film solar cells have become the low cost alternative to the crystalline technology because of their simple structure, low material consumption, low process temperature and low cost of production. Radio-frequency powered multi-chamber plasma enhanced chemical vapour deposition	[Subramanyam, T. K.; Kumar, S. Pavan; Goutham, P.; Subramanya, K. N.] RV Coll Engn, Interdisciplinary Res Ctr, Bengaluru 560059, India; [Suresh, R.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	3	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.500

C	Vasudeva, G; Uma, BV	Karruppusamy, P; Balas, VE; Shi, Y	Vasudeva, G.; Uma, B., V	Two-Stage Folded Resistive String 12-Bit Digital to Analog Converter Using 22-nm FINFET	SUSTAINABLE COMMUNICATION NETWORKS AND APPLICATION, ICSCN 2021	Proceedings Paper	International Conference on Sustainable Communication Networks and Application (ICSCN)	JUL 29-30, 2021	Data converters play an important role in interfacing digital section with the analog section. During the conversion, there should beminimum loss of information and less propagation delay. FINFETs are devices that operate faster with high current density compared with CMOS circuits. In this work, operational transconductance amplifier	[Vasudeva, G.; Uma, B., V] Visvesvaraya Technol Univ, RV Coll Engn, Elect & Commun Engn Dept, Bangalore 560059, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-981-16-6605-6; 978-981-16-6604-9	2022	93		http://dx.doi.org/10.1007/978-981-16-6605-6_8

C	Dennis, B; Kariyappa, BS		Dennis, Binu; Kariyappa, B. S.	Fault Isolation in Analog Circuits using Multi-Support Vector Neural Network	PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEMS (ICCES 2018)	Proceedings Paper	3rd IEEE International Conference on Communication and Electronics Systems (ICCES)	OCT 15-16, 2018	Fault isolation in analog circuit isolates the fault in the circuit, and it is a tedious process due to the presence of the wide range of electronic circuits. The fault in the analog circuits creates negative impacts on the circuit performance causing abnormal behavior of the circuit during the faulty conditions. Even though the literature	[Dennis, Binu] VTU Univ, RV Coll Engn, Dept Elect & Commun, Bengaluru, India; [Kariyappa, B. S.] VTU Univ, RV Coll Engn, Bengaluru, India	R.V. College of Engineering; Visvesvaraya Technological University; Visvesvaraya Technological University; R.V. College of Engineering	1	IEEE		978-1-5386-4765-3	2018			

C	Jyothi, R; Cholli, NG		Jyothi, R.; Cholli, Nagaraj G.	New Approach to Secure Cluster Heads in Wireless Sensor Networks	2019 5TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING & COMMUNICATION SYSTEMS (ICACCS)	Proceedings Paper	5th International Conference on Advanced Computing and Communication Systems (ICACCS)	MAR 15-16, 2019	This Wireless Sensor Network is a network of devices that communicates the information gathered from a monitored field through wireless links. Small size sensor nodes constitute wireless sensor networks. A Sensor is a device that responds and detects some type of input from both the physical or environmental	[Jyothi, R.] Global Acad Technol, CSE Dept, Bengaluru 560098, India; [Cholli, Nagaraj G.] RV Coll Engn, ISE Dept, Bengaluru 560059, India	R.V. College of Engineering	0	IEEE	2469-5556	978-1-5386-9533-3	2019			http://dx.doi.org/10.1109/icaccs.2019.8728380

C	Nagaraja, P; Sadashivappa, G	Satapathy, SC; Joshi, A	Nagaraja, P.; Sadashivappa, G.	Fault Diagnosis with Statistical Properties and Implementation Using MKSVM for Flash ADC	INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS (ICTIS 2017) - VOL 1	Proceedings Paper	2nd International Conference on Information and Communication Technology for Intelligent Systems (ICTIS)	MAR 25-26, 2017	This paper focuses on the Fault Diagnosing methodologies crucial for attaining reliability and maintainability of all electronic circuits is implemented for analog to digital converter (ADC) with a wide range of faults. Fault Diagnosis (FD) is considered as the pattern recognition problem and solved by machine learning theory. Functional	[Nagaraja, P.] CIT Gubbi, ECE Dept, Gubbi, India; [Sadashivappa, G.] RVCE, Dept TC, Bengaluru, India	R.V. College of Engineering	1	SPRINGER-VERLAG BERLIN	2190-3018	978-3-319-63673-3; 978-3-319-63672-6	2018	83		http://dx.doi.org/10.1007/978-3-319-63673-3_60

C	Revathi, SA; Holi, G		Revathi, S. A.; Holi, Ganga	Cartilage Segmentation of Knee OsteoArthritis From Magnetic Resonance Images(MRI)	2018 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTERS AND COMMUNICATIONS (ICAECC)	Proceedings Paper	2nd International Conference on Advances in Electronics, Computers and Communications (ICAECC)	FEB 09-10, 2018	Human Knee joint is one of the commonly offended components of the human motion system. This paper, presents a segmentation method that segments the cartilage from magnetic resonance (MR) image of knee. We implement two process of segmentation here one after the other that is the amount of the	[Revathi, S. A.] RV Coll Engn, Dept CSE, Bangalore, Karnataka, India; [Holi, Ganga] Global Acad Technol, Dept CSE, Bangalore, Karnataka, India	R.V. College of Engineering	1	IEEE		978-1-5386-3785-2	2018			

C	Gupta, S; Bonageri, S; Achar, SK; Menon, A; Basavaraja, RJ	Sahulhameedu, S; Chen, J; Shakya, S	Gupta, Siddhant; Bonageri, Shrilakshmi; Achar, Siddarth Krishnaraja; Menon, Atul; Basavaraja, R. J.	Synthesis of Porous Graphene Powder Through Improved Hummers' Method	INTERNATIONAL CONFERENCE ON INVENTIVE RESEARCH IN MATERIAL SCIENCE AND TECHNOLOGY (ICIRMCT 2018)	Proceedings Paper	International Conference on Inventive Research in Material Science and Technology (ICIRMCT)	MAR 23-24, 2018	Graphene due to its high specific surface area is considered to be a potential adsorbent for air and water purification systems. In this study, graphene was synthesized using the recently developed Improved Hummers' method to achieve a high oxidation rate and thermal treatment of the synthesized graphene was done to	[Gupta, Siddhant; Bonageri, Shrilakshmi; Achar, Siddarth Krishnaraja; Menon, Atul; Basavaraja, R. J.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India	R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-1671-0	2018	1966		http://dx.doi.org/10.1063/1.5038693

J	Meda, US; Lal, LB; Sushantha, M; Garg, P		Meda, Ujwal Shreenag; Lal, Libin; Sushantha, M.; Garg, Paridhi	Solid Electrolyte Interphase (SEI), a boon or a bane for lithium batteries: A review on the recent advances	JOURNAL OF ENERGY STORAGE	Review			The inception of an unprecedented commercial and rechargeable lithium-ion battery in 1991 opened doors for enhancement in portable electronics, as well as electric vehicles. Li-ion batteries prove advantageous over other kinds in their high energy density, no memory effect (except lithium iron phosphate cells), and	[Meda, Ujwal Shreenag; Lal, Libin; Sushantha, M.; Garg, Paridhi] RV Coll Engn, Dept Chem Engn, Bengaluru, India; [Meda, Ujwal Shreenag] RV Coll Engn, Ctr Hydrogen & Green Technol Res, Bengaluru, India; [Meda, Ujwal Shreenag] RV Coll Engn, Ctr Excellence Mobil, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	47	ELSEVIER	2352-152X		2022	47		http://dx.doi.org/10.1016/j.est.2021.103564

C	Havanur, SC; Shambulinga, M; Reddy, HVM		Havanur, Shivaraj C.; Shambulinga, M.; Reddy, Manjunatha H., V	Performance Analysis of Substrate Integrated Waveguide H-Plane Horn Antenna	2020 5TH IEEE INTERNATIONAL CONFERENCE ON RECENT TRENDS ON ELECTRONICS, INFORMATION, COMMUNICATION & TECHNOLOGY (RTEICT-2020)	Proceedings Paper	5th IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology (RTEICT)	NOV 12-13, 2020	in this work an X-Band SIW H-Plane horn antenna is designed and its performances are analyzed comparing with conventional Horn antennas. Many Military applications use X-Band, 8GHz to 12GHz for communication. The Antenna is designed for radiating frequency of 10 GHz. The peak power gain at 10 GHz is 11.81dB	[Havanur, Shivaraj C.] RV Coll Engn, Bengaluru, India; [Shambulinga, M.] RV Coll Engn, Dept Telecommun Engn, Bengaluru, India; [Reddy, Manjunatha H., V] Cadence Design Syst, San Jose, CA USA	R.V. College of Engineering; R.V. College of Engineering	0	IEEE		978-1-7281-9772-2	2020			http://dx.doi.org/10.1109/RTEICT49044.2020.9315639

C	Dalai, I; Mudali, P; Pattanayak, AS; Pattnaik, BS		Dalai, Ipsita; Mudali, Prateek; Pattanayak, Arunima Sambhuta; Pattnaik, Bhawani Shankar	Hourly Prediction of Load using Edge Intelligence over IoT	2019 11TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING (ICOAC 2019)	Proceedings Paper	11th International Conference on Advanced Computing (ICoAC)	DEC 18-20, 2019	Energy is the lifeblood of modern societies. In the past decades, due to the increases in population and comfort demands of people, energy consumption and associated CO2 emissions increased rapidly in the world. The next hour's energy prediction would help in facilitating future energy management, planning, and	[Dalai, Ipsita; Pattanayak, Arunima Sambhuta; Pattnaik, Bhawani Shankar] Biju Patnaik Univ Technol, Comp Sci & Engn, Natl Inst Sci & Technol, Rourkela, India; [Mudali, Prateek] RV Coll Engn, Elect & Commun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	2	IEEE	2377-6927	978-1-7281-5286-8	2019			http://dx.doi.org/10.1109/ICoAC48765.2019.247127

C	Kumari, MU; Koushik, AS; Prasanna, D		Kumari, M. Uttara; Koushik, Anirudh S.; Prasanna, Dheeraj	An Improved Radar target tracking system using fusion algorithm of Kalman and Particle filters	2018 INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING (ICRIEECE 2018)	Proceedings Paper	International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering (ICRIEECE)	JUL 27-28, 2018	Radars have been an important tool for mankind since its inception. Several object tracking algorithms have been overlaid over the conventional radar to improve the accuracy of detection. Bayesian methods like Kalman and Particle filters is one such example, where the occurrence of the target at various positions is tracked	[Kumari, M. Uttara; Koushik, Anirudh S.; Prasanna, Dheeraj] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-5995-3	2018			

J	Rajaram, H; Harshitha, N; Ram, SA; Patra, SM; Vishnumurthy, KA; Niranjan, V		Rajaram, Haritha; Harshitha, N.; Ram, Shweta A.; Patra, Swarna M.; Vishnumurthy, K. A.; Niranjan, Vidya	Targeting non-structural proteins and 3CLpro in SARS-CoV-2 virus using phytochemicals from medicinal plants- In-silico approach	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	Article			In the present study, the main protease 3CL(pro) and non-structural protein (NSP-12 with co-factors 7 and 8) trimer complex are used to study the protein-drug interactions with the phytochemicals from Ocimum Sanctum, Tinospora Cordifolia, Glycyrrhiza Glabra, and Azadirachta Indica. Which can give insight to be used	[Rajaram, Haritha; Harshitha, N.; Ram, Shweta A.] R V Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Patra, Swarna M.; Vishnumurthy, K. A.] R V Coll Engn, Dept Chem, Bengaluru 560059, India; [Niranjan, Vidya] R V Coll Engn, Dept Biotechnol, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	1	ELSEVIER	0019-4522		2022	99	6	http://dx.doi.org/10.1016/j.jics.2022.100488

J	Meda, US; Vora, K; Athreya, Y; Mandi, UA		Meda, Ujwal Shreenag; Vora, Khushi; Athreya, Yash; Mandi, Ujwal Arun	Titanium dioxide based heterogeneous and heterojunction photocatalysts for pollution control applications in the construction industry	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	Article			With increasing urbanization and industrialization there is an upsurge in air pollution that demands immediate attention. The use of nanomaterials to alleviate air pollution is gaining importance. Certain nanomaterials can photocatalytically act on air pollutants such as oxides of nitrogen (NOx), sulfur (SOx), and carbon	[Meda, Ujwal Shreenag; Vora, Khushi; Athreya, Yash; Mandi, Ujwal Arun] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Meda, Ujwal Shreenag] RV Coll Engn, Ctr Hydrogen & Green Technol, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	9	ELSEVIER	0957-5820		2022	161		http://dx.doi.org/10.1016/j.psep.2022.03.066

C	Padhye, P; Nagakumar, MS; Sunil, S; Reddy, AHM	Mathew, TV; Joshi, GJ; Velaga, NR; Arkatkar, S	Padhye, Pranav; Nagakumar, M. S.; Sunil, S.; Reddy, A. H. Manjunatha	Activity-Based Travel Demand Models to Evaluate Transport Policies	TRANSPORTATION RESEARCH	Proceedings Paper	4th Conference of the Transportation-Research-Group-of-India (CTRG)	DEC, 2017	Transportation planning plays a critical role in shaping the economic health and quality of life of the general public. A good deal of the demand for transport is concentrated on a few hours of a day, at particular section of urban areas where congestion takes place during specific peak periods. Hence, modelling of this travel	[Padhye, Pranav; Nagakumar, M. S.; Sunil, S.] RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India; [Reddy, A. H. Manjunatha] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, India	R.V. College of Engineering; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2366-2557	978-981-32-9042-6; 978-981-32-9041-9	2020	45		http://dx.doi.org/10.1007/978-981-32-9042-6_20

J	Nadar, NR; Krishna, M; Suresh, AV; Murthy, HNN		Nadar, Nandini R.; Krishna, M.; Suresh, A., V; Murthy, Narasimha H. N.	Effect of MWCNTs on piezoelectric and ferroelectric properties of KNN composites	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	Article			The aim of the research work was to investigate the effect of multiwall carbon nanotubes (MWCNTs) reinforcement (0.3-1.2wt.%) on functional properties of microwave sintered Potassium sodium niobate (KNN) composites. Sintered composites are characterized for crystal structure, morphology and temperature stability of piezo-	[Nadar, Nandini R.; Krishna, M.; Murthy, Narasimha H. N.] RV Coll Engn, Res & Dev Ctr, Dept Mech Engn, Bangalore 560059, Karnataka, India; [Suresh, A., V] BMS Inst Technol & Management, Dept Mech Engn, Bangalore 560064, Karnataka, India	R.V. College of Engineering	15	ELSEVIER	0921-5107		2018	231		http://dx.doi.org/10.1016/j.mseb.2018.09.001

C	Raghunandan, A; Mohana; Raghav, P; Aradhya, HVR		Raghunandan, Apoorva; Mohana; Raghav, Pakala; Aradhya, H. V. Ravish	Object Detection Algorithms for Video Surveillance Applications	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	Object Detection algorithms find application in various fields such as defence, security, and healthcare. In this paper various Object Detection Algorithms such as face detection, skin detection, colour detection, shape detection, target detection are simulated and implemented using MATLAB 2017b to	[Raghunandan, Apoorva; Mohana; Raghav, Pakala; Aradhya, H. V. Ravish] RV Coll Engn, Dept Elect & Commun Engn, Bangalore 560059, Karnataka, India; [Raghunandan, Apoorva; Mohana; Raghav, Pakala; Aradhya, H. V. Ravish] RV Coll Engn, Dept Telecommun Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	49	IEEE		978-1-5386-3521-6	2018			

C	Moharir, M; Shobha, G; Oppiliappan, A; Krishna, GVLRM; Pandit, SN; Akash, R; Saxena, M		Moharir, Minal; Shobha, G.; Oppiliappan, Akshay; Krishna, Rohit Mohan G. V. L.; Pandit, S. Nitin; Akash, R.; Saxena, Mohit	A Study and Comparison of Various Types of Load Balancers	2020 5TH IEEE INTERNATIONAL CONFERENCE ON RECENT ADVANCES AND INNOVATIONS IN ENGINEERING (IEEE - ICRAIE-2020)	Proceedings Paper	5th IEEE International Conference on Recent Advances and Innovations in Engineering (IEEE - ICRAIE)	DEC 01-03, 2020	Load Balancer, critical component of distributed system plays a very important role in equally dividing the traffic among various servers thus minimizing server response time and maximizing the throughput. Different types of load balancers such as hardware load balancer, software Load balancer	[Moharir, Minal; Shobha, G.; Oppiliappan, Akshay; Krishna, Rohit Mohan G. V. L.; Pandit, S. Nitin; Akash, R.] RV Coll Engn, Comp Sci Dept, Bangalore, Karnataka, India; [Saxena, Mohit] Citrix, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-7281-8867-6	2020			http://dx.doi.org/10.1109/ICRAIE51050.2020.9358333

C	Chari, VS; Venkatesh, PR; Krupashankar; Dinesh, V	Kumar, GCM	Chari, V. Srinivasa; Venkatesh, P. R.; Krupashankar; Dinesh, Veena	Effect of Processing Parameters on FDM Process	ADVANCES IN MECHANICAL DESIGN, MATERIALS AND MANUFACTURE	Proceedings Paper	1st International Conference on Design, Materials and Manufacture (ICDEM)	JAN 29-31, 2018	This paper focused on the process parameters on fused deposition modeling (FDM) Infill, resolution, temperature are the process variables considered for experimental studies. Compression strength, Hardness test microstructure are the outcome parameters, this experimental study done based on the taguchi's L9 orthogonal array is	[Chari, V. Srinivasa; Dinesh, Veena] Atria Inst Technol, Dept Mech Engn, Bengaluru, Karnataka, India; [Venkatesh, P. R.; Krupashankar] RV Coll Engn, Dept Mech Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	5	AMER INST PHYSICS	0094-243X	978-0-7354-1638-3	2018	1943		http://dx.doi.org/10.1063/1.5029637

C	Gururaj, B; Sadashivappa, G	Eswaramoorthy, M; Senthilkumaran, T; Mathivanan, M	Gururaj, Bharathi; Sadashivappa, G.	Error-Resilient Transmission of Image Over Challenging Wireless Communication Channel	INTERNATIONAL CONFERENCE ON SUSTAINABLE ENGINEERING AND TECHNOLOGY (ICONSET 2018)	Proceedings Paper	1st International Conference on Sustainable Engineering and Technology (IconSet)	APR 19-20, 2018	Encoding scheme plays a crucial role in image transmission especially over error-prone wireless communication channel. After reviewing existing approaches over similar topic, it was found that existing image transmission scheme doesn't offer any form of assurance or reliability of optimal image quality. Hence, this	[Gururaj, Bharathi] ACS Coll Engn, Dept Elect & Commun Engn, Bengaluru, Karnataka, India; [Sadashivappa, G.] RVCE, Dept Telecommun Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-1765-6	2018	2039		http://dx.doi.org/10.1063/1.5078995

C	Sindhu, N; Empran, S; Uttarakumari, M; Badiger, SD		Sindhu, N.; Empran, Soumya; Uttarakumari, M.; Badiger, Sujatha D.	TARGET CLASSIFICATION AND TRACKING USING SYMBOLIC DYNAMIC FILTERING	2018 9TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	Proceedings Paper	9th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	JUL 10-12, 2018	Wireless sensor networks have emerged as a propitious solution to monitor human activity, such as pedestrian and vehicular movement, as well as detection of unauthorized persons. This can be especially advantageous in military applications such as tracking, surveillance, and security. For such systems, it is essential to implement	[Sindhu, N.; Empran, Soumya; Uttarakumari, M.; Badiger, Sujatha D.] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, India	R.V. College of Engineering	1	IEEE	2162-7665	978-1-5386-4430-0	2018			

J	Kumar, CSH; Kariyappa, BS		Kumar, C. S. Hemanth; Kariyappa, B. S.	Node Voltage and KCL Model-Based Low Leakage Volatile and Non-Volatile 7T SRAM Cells	IETE JOURNAL OF RESEARCH	Article			The current generation truly urges for Low power electronic gadgets like cell phones, PDAs, etc. This urged demand is met through adopting low power reduction techniques. These gadgets also demand the presence of cache memories, which are fabricated via Static Random Access Memory (SRAM) Cells. Now the challenge is in	[Kumar, C. S. Hemanth] Govt Engn Coll, Dept E&C, Ramangara 562159, India; [Kariyappa, B. S.] RV Coll Engn, Dept E&C, Bengaluru, India	R.V. College of Engineering	3	TAYLOR & FRANCIS LTD	0377-2063		2023	69	10	http://dx.doi.org/10.1080/03772063.2022.2027279

C	Angadi, G; Murthy, HNN; Sridhar, R; Raghavendra, N; Firdosh, S		Angadi, Gangadhar; Murthy, H. N. Narasimha; Sridhar, R.; Raghavendra, N.; Firdosh, Salim	Simulation of Epoxy/Cloisite-15A Multifunctional Nanocomposites using Twin Screw Extruders	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Simulation of material flow through kneading elements with different staggering angles for the processing of polymer nanocomposites is an emerging area of research. This research presents simulation of epoxy/Cloisite-15A nanocomposite processing in intermesh co-rotating twin screw extruder using	[Angadi, Gangadhar; Murthy, H. N. Narasimha; Sridhar, R.; Firdosh, Salim] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India; [Raghavendra, N.] RV Coll Campus, Ctr Mfg Res & Technol Utilizat, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.509

J	Syed, ARP; Anbalagan, R; Setlur, AS; Karunakaran, C; Shetty, J; Kumar, J; Niranjan, V		Syed, Abdu Rehaman Pasha; Anbalagan, Rahul; Setlur, Anagha S.; Karunakaran, Chandrashekar; Shetty, Jyoti; Kumar, Jitendra; Niranjan, Vidya	Implementation of ensemble machine learning algorithms on exome datasets for predicting early diagnosis of cancers	BMC BIOINFORMATICS	Article			Classification of different cancer types is an essential step in designing a decision support model for early cancer predictions. Using various machine learning (ML) techniques with ensemble learning is one such method used for classifications. In the present study, various ML algorithms were explored on twenty	[Syed, Abdu Rehaman Pasha] RV Coll Engn, Dept Informat Sci & Engn, Bangalore 560059, India; [Anbalagan, Rahul; Shetty, Jyoti] RV Coll Engn, Dept Comp Sci & Engn, Bangalore 560059, India; [Setlur, Anagha S.; Karunakaran, Chandrashekar; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	6	BMC	1471-2105		2022	23	1	http://dx.doi.org/10.1186/s12859-022-05050-w

J	Setlur, AS; Chandrashekar, K; Pandey, S; Sarkar, M; Niranjan, V		Setlur, Anagha S.; Chandrashekar, K.; Pandey, Shruti; Sarkar, Manas; Niranjan, Vidya	Comprehensive Molecular Interaction Studies to Construe the Repellent/Kill Activity of Geraniol During Binding Event Against Aedes aegypti Proteins	MOLECULAR BIOTECHNOLOGY	Article			Aedes aegypti is an etiological agent for dengue, chikungunya, zika, and yellow fever viruses. With the advent of the use of natural alternatives as repellents, their precise mode of action during the event of binding is still unclear. Geraniol is one such bioactive natural that has been previously shown to	[Setlur, Anagha S.; Chandrashekar, K.; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bangalore 560059, Karnataka, India; [Pandey, Shruti; Sarkar, Manas] Reckitt Benckiser India Pvt Ltd, Res & Dev, Gurgaon 122001, Haryana, India	R.V. College of Engineering	2	SPRINGERNATURE	1073-6085		2023	65	5	http://dx.doi.org/10.1007/s12033-022-00560-7

J	Swamy, ASA; Shylashree, N		Swamy, A. S. Anand; Shylashree, N.	HDR Image Compression by Multi-Scale down Sampling of Intensity Levels	INTERNATIONAL JOURNAL OF IMAGE AND GRAPHICS	Article			HDR images are inherently very large in size compared to normal images. Hence, storage and communication overheads of HDR images are expensive to be used in mobile devices. Hence, invariably image compression is adopted for HDR images. In this paper, HDR image compression is achieved by down sampling the intensity	[Swamy, A. S. Anand; Shylashree, N.] Visvesvaraya Technol Univ, RV Coll Engn, Dept Elect & Commun, Bengaluru 560059, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering	1	WORLD SCIENTIFIC PUBL CO PTE LTD	0219-4678		2021	21	4	http://dx.doi.org/10.1142/S0219467821500480

C	Vaishnavi, C; Kumar, ARA; Selvakumar, G; Chaudhari, SY		Vaishnavi, C.; Kumar, Ashok A. R.; Selvakumar, G.; Chaudhari, Shashikant Y.	Self Organizing Networks Coordination Function between Intercell Interference Coordination and Coverage and Capacity Optimisation using Support Vector Machine	PROCEEDINGS OF THE 2019 INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL SYSTEMS (ICCS)	Proceedings Paper	International Conference on Intelligent Computing and Control Systems (ICCS)	MAY 15-17, 2019	It is expected that by 2020, billions of devices connect to internet using 5G cellular network To provide seamless connectivity, as well as Quality of Experience and automate network functionalities like configuration, optimization and healing, Self Organized Networks (SON) have come into existence. In state of	[Vaishnavi, C.; Kumar, Ashok A. R.] RVCE, Dept CSE, Bangalore, Karnataka, India; [Selvakumar, G.; Chaudhari, Shashikant Y.] BEL, Cent Res Lab, Bangalore, Karnataka, India	R.V. College of Engineering	6	IEEE		978-1-5386-8113-8	2019			http://dx.doi.org/10.1109/iccs45141.2019.9065700

C	Sowmya, KB; Mathew, JA		Sowmya, K. B.; Mathew, Jose Alex	Discrete Wavelet Transform Based on Coextensive Distributive Computation on FPGA	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	Subband coding has recently emerged as the leading standardization candidate in audio/video/image compression, echo cancellation, radar, image analysis, communications, medical imaging etc. Due to this, Discrete Wavelet Transform has gained much attention in memory efficient technique for handling	[Sowmya, K. B.] RVCE, ECE Dept, Bengaluru 560059, India; [Mathew, Jose Alex] SCEM, ECE Dept, Mangaluru 575007, India	R.V. College of Engineering	2	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2018.05.072

C	Metri, PC; Shambulinga, M; Gowda, UK		Metri, Pramod C.; Shambulinga, M.; Gowda, Uday Kumar	Design and Simulation of RF Front End Receiver Mixer for 5G NR Application	2022 IEEE MICROWAVES, ANTENNAS, AND PROPAGATION CONFERENCE, MAPCON	Proceedings Paper	IEEE Microwaves, Antennas, and Propagation Conference (MAPCON)	DEC 12-16, 2022	The need for new technologies to handle peak high speed data rates for the aforementioned communication benefits has unquestionably grown exponentially over the last few years. In this paper, a receiver RF front end mixer design operating for 5G NR application. The BJT transistor with part number BFP405F is selected for the down conversion	[Metri, Pramod C.; Shambulinga, M.] RV Coll Engn, Dept Elect & Telecommun Engn, Bengaluru, India; [Gowda, Uday Kumar] Centum Elect Ltd, Dept RF Testing, Bengaluru, India	R.V. College of Engineering	0	IEEE		978-1-6654-5203-8	2022			http://dx.doi.org/10.1109/MAPCON56011.2022.10047420

C	Pooja, A; Shivaraj, BW; Ravishankar, MV		Pooja, A.; Shivaraj, B. W.; Ravishankar, M., V	Optimization Proposal to Improve Productivity of Elongated Articles	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 16-18, 2018	Increase in productivity of any company is based on the continuous improvement of existing layout design or production processes. Optimization of the existing process plays an important role during high demand of products by customers. Optimization includes improving factors such as efficiency, productivity, utilization and reliability	[Pooja, A.; Shivaraj, B. W.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India; [Ravishankar, M., V] ITC Pvt Ltd, Machine Design & Dev, Bengaluru, Karnataka, India	R.V. College of Engineering	0	ELSEVIER	2214-7853		2020	24		

C	Yadhuraj, SR; Sudarshan, BG; Kumar, SCP; Kumar, DM		Yadhuraj, S. R.; Sudarshan, B. G.; Kumar, Prasanna S. C.; Kumar, Mahesh D.	Analysis of Linear and Non-linear parameters of HRV for opting optimum parameters in wearable device	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	The Human heart rate though appears regular, it is not. There is a change in the time intervals between two successive heart beats, these variations are referred to as heart rate variability (HRV). The HRV will be in certain regular pattern and differs from individuals. HRV depends on state of pathology and physiology of the	[Yadhuraj, S. R.; Sudarshan, B. G.; Kumar, Prasanna S. C.] RVCE, Dept E&IE, Bengaluru, India; [Kumar, Mahesh D.] JSSATE, Dept E&IE, Bengaluru, India	R.V. College of Engineering	0	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.338

J	Mahendra, BM; Sonoli, S; Ameta, A		Mahendra, B. M.; Sonoli, Savita; Ameta, Abhishek	Improved Deep Multi-Patch Hierarchical Network For Handling Saturation In Image Deblurring	ARRAY	Article			The most active study topic in the field of computer vision is dealing with saturation in image deblurring. The Deep Multi Patch Framework (DMPHN) is primarily utilized in dynamic scene deblurring, and its fine - to-coarse hierarchical representation results in lower processing costs. The contribution of the framework in gathering and processing	[Mahendra, B. M.; Ameta, Abhishek] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, Karnataka, India; [Sonoli, Savita] RYM Engn Coll, Dept Elect & Commun Engn, Ballari, Karnataka, India; [Mahendra, B. M.] RV Coll Engn, Dept ECE, Mysore Rd, Bengaluru 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	ELSEVIER	2590-0056		2022	15		http://dx.doi.org/10.1016/j.array.2022.100228

C	Karbari, SR; Kumari, MU; Shireesha, G		Karbari, Sudha R.; Kumari, M. Uttara; Shireesha, G.	Modelling and optimization of PVDF based surface acoustic wave MEMS microphone	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Multifunctional Nanomaterials (ICMN)	DEC 28-30, 2020	A detailed finite element simulations of a piezoelectric based biomimetic surface acoustic wave device as MEMS Microphone is analyzed. A symmetric piezoelectric PVDF based MEMS Microphone inspired by Ormia Orchea provides an excellent frequency response for four resonant frequency bands 84.051 K	[Karbari, Sudha R.; Kumari, M. Uttara; Shireesha, G.] Rashtreeya Vidyalaya Coll Engn, Dept Elect & Commun Engn, Dept Phys, Bangalore, Karnataka, India	R.V. College of Engineering	2	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2021.03.589

C	Chandrashekar, L; Sreedevi, A; Shekar, CM; Raj, M; Kumar, N; Vinay, R		Chandrashekar, Leena; Sreedevi, A.; Shekar, Chandan M.; Raj, Manoj; Kumar, Naveen; Vinay, R.	Angle Classifier for Registration of MRI and CT Brain Images using Deep Learning	2020 5TH IEEE INTERNATIONAL CONFERENCE ON RECENT ADVANCES AND INNOVATIONS IN ENGINEERING (IEEE - ICRAIE-2020)	Proceedings Paper	5th IEEE International Conference on Recent Advances and Innovations in Engineering (IEEE - ICRAIE)	DEC 01-03, 2020	Image registration in field of medical images is highly recommended for detection brain tumor related diseases. With Deep Learning, features are learnt automatically and it allows the system to quickly iterate complex functions. The paper proposes an image registration methodology for Magnetic Resonance Imaging and	[Chandrashekar, Leena; Sreedevi, A.] RVCE, EEE Dept, Bangalore, Karnataka, India; [Shekar, Chandan M.; Raj, Manoj; Kumar, Naveen; Vinay, R.] RNSIT, ECE Dept, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-7281-8867-6	2020			http://dx.doi.org/10.1109/ICRAIE51050.2020.9358365

C	Anand, S; Singh, P; Sagar, BM	Satapathy, SC; Tavares, JMRS; Bhateja, V; Mohanty, JR	Anand, Saurabh; Singh, Pallavi; Sagar, B. M.	Working with Cassandra Database	INFORMATION AND DECISION SCIENCES	Proceedings Paper	6th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA)	OCT 14-15, 2017	Traditional databases cannot handle a huge amount of data. NoSQL database like Cassandra can handle large data with easier management and lower cost compared to SQL databases like Oracle and other relational databases. Cassandra is an open source technology. This paper explains how Cassandra helps in handling	[Anand, Saurabh; Singh, Pallavi] JC Penney, Bengaluru, India; [Sagar, B. M.] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	4	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-981-10-7563-6; 978-981-10-7562-9	2018	701		http://dx.doi.org/10.1007/978-981-10-7563-6_55

C	Sangeetha, BG; Shylashree, N	Sahulhameedu, S; Chen, J; Shakya, S	Sangeetha, B. G.; Shylashree, N.	Electrical Studies of Ge4Sb1Te5 devices for Memory Applications	INTERNATIONAL CONFERENCE ON INVENTIVE RESEARCH IN MATERIAL SCIENCE AND TECHNOLOGY (ICIRMCT 2018)	Proceedings Paper	International Conference on Inventive Research in Material Science and Technology (ICIRMCT)	MAR 23-24, 2018	In this paper, the Ge4Sb1Te5 thin film device preparation and electrical studies for memory devices were carried out. The device was deposited using vapor-evaporation technique. RESET to SET state switching was shown using current-voltage characterization. The current-voltage characterization shows the switching	[Sangeetha, B. G.] RNS Inst Technol, Dept Elect & Commun, Bangalore, Karnataka, India; [Shylashree, N.] Rashtreeya Vidyalaya Coll Engn, Dept Elect & Commun, Bangalore, Karnataka, India	R.V. College of Engineering	1	AMER INST PHYSICS	0094-243X	978-0-7354-1671-0	2018	1966		http://dx.doi.org/10.1063/1.5038710

C	Yadhuraj, SR; Sudarshan, BG; Kumar, SCP; Kumar, DM		Yadhuraj, S. R.; Sudarshan, B. G.; Kumar, Prasanna S. C.; Kumar, Mahesh D.	Study of PDMS Material for ECG Electrodes	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	Continuous monitoring plays vital role in modern diagnostics and health perdition systems. In this regards various researches have been carried on wearable devices. Wearable devices are usually referred to smart electronic devices to detect various parameters of the body and alert the wearer to take appropriate action. ECG (Electrocard	[Yadhuraj, S. R.; Sudarshan, B. G.; Kumar, Prasanna S. C.] RVCE, Dept E&IE, Bengaluru, India; [Kumar, Mahesh D.] JSSATE, Dept E&IE, Bengaluru, India	R.V. College of Engineering	5	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.335

J	Kathigi, A; Kariputtaiah, KH		Kathigi, Asha; Kariputtaiah, Krishnappa Honnamachanahalli	Handwritten character recognition using skewed line segmentation method and long short term memory network	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	Article			In recent decades, character recognition gained more attention among the researchers, due to its rapid growth in intelligent mobile terminals and communication technologies. Still, handwritten character recognition is a complex task, because the characters differ from writing style, shapes and writing device. To	[Kathigi, Asha] GM Inst Technol, Dept Artificial Intelligence & Machine Learning, Davangere, Karnataka, India; [Kariputtaiah, Krishnappa Honnamachanahalli] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	1	SPRINGER INDIA	0975-6809		2022	13	4	http://dx.doi.org/10.1007/s13198-021-01531-y

C	Divya, KV; Mukherjee, D; Shree, V; Roy, S; Raghavan, V; Rajasree, PM; Devaraj, D; Renumadhavi, CH; Lakshman, VR; Subramanya, KN		Divya, Veena K.; Mukherjee, Devanshu; Shree, Vidhya; Roy, Somali; Raghavan, Venkat; Rajasree, P. M.; Devaraj, Deepashree; Renumadhavi, C. H.; Lakshman, Vasanth Raj; Subramanya, K. N.	A Novel Approach towards Early Detection of Obliteration in Lumbar Lordosis	42ND ANNUAL INTERNATIONAL CONFERENCES OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY: ENABLING INNOVATIVE TECHNOLOGIES FOR GLOBAL HEALTHCARE EMBC'20	Proceedings Paper	42nd Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society (EMBC)	JUL 20-24, 2020	The millennial age group (18 to 30 years) spend at least 6 hours sitting, either in college or at their workspace. High screen time as a routine, is the major cause for numerous spinal problems. Despite the wide research carried out on postural abnormalities, there exists numerous unrequited queries with regards to	[Divya, Veena K.; Mukherjee, Devanshu; Shree, Vidhya; Roy, Somali; Raghavan, Venkat; Rajasree, P. M.; Devaraj, Deepashree; Renumadhavi, C. H.] RV Coll Engn, Dept Elect & Instrumentat Engn RV, Bengaluru 560059, India; [Subramanya, K. N.] RV Coll Engn, Bengaluru 560059, India; [Lakshman, Vasanth	R.V. College of Engineering; R.V. College of Engineering	1	IEEE	1557-170X	978-1-7281-1990-8	2020			

C	Bhat, MH; Bhat, PA; Gulur, DR; Nanda, R		Bhat, Mohammad Hanan; Bhat, Pranav A.; Gulur, Disha R.; Nanda, Rishikesh	Operation of Onboard Data Handling System in Different Switching Modes for RVSAT-1	2018 4TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	Proceedings Paper	4th International Conference for Convergence in Technology (I2CT)	OCT 27-28, 2018	RVSAT-1 is a 2U nanosatellite based on cubesat standards with astrobiological payload. RVSAT-1 also aims to deorbit and does not contribute to space debris. RVSAT-1 is designed to undergo five different operational modes. The autonomous switching is preferred over manual switching, since it does not require telecommand and hence	[Bhat, Mohammad Hanan; Bhat, Pranav A.] RV Coll Engn, Dept Informat Sci & Engn, Bengaluru, India; [Gulur, Disha R.; Nanda, Rishikesh] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	0	IEEE		978-1-5386-5232-9	2018			

J	Bhadauria, AS; Bain, A; Shetty, J; Shobha, G; Chala, A; Clements, J		Bhadauria, Anurag Singh; Bain, Atreya; Shetty, Jyoti; Shobha, G.; Chala, Arjuna; Clements, Jeremy	Design and Implementation of HSQL: A SQL-like language for Data Analysis in Distributed Systems	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			In today's modern world, we're experiencing a substantial increase in the use of data in various fields, and this has necessitated the use of distributed systems to consume and process Big Data. Machine learning tends to benefit from the usage of Big Data, and the models generated from such techniques tend to be more effective	[Bhadauria, Anurag Singh; Bain, Atreya; Shetty, Jyoti; Shobha, G.] RV Coll Engn, Comp Sci & Engn, Bengaluru, India; [Chala, Arjuna] LexisNexis Risk Solut, Innovat Technol, Atlanta, GA USA; [Clements, Jeremy] LexisNexis Risk Solut, Atlanta, GA USA	R.V. College of Engineering	0	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2021	12	11	

C	Lokeshwari, M; Bandakli, BRP; Tarun, SR; Sachin, P; Kumar, V		Lokeshwari, M.; Bandakli, B. R. Pavan; Tarun, S. R.; Sachin, P.; Kumar, Venkat	A review on self-curing concrete	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials Behavior and Characterization (ICAMBC)	APR 20-22, 2020	The increase in population has resulted in a rapid increase of construction activities and also caused an imbalance in water management, water being a major requirement in construction used in mixing and curing of concrete and governs hydration of cement. Majority of the water is used in curing of concrete, conventional curing is carried out	[Lokeshwari, M.; Bandakli, B. R. Pavan; Tarun, S. R.; Sachin, P.; Kumar, Venkat] RV Coll Engn, Dept Civil Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	4	ELSEVIER	2214-7853		2021	43		http://dx.doi.org/10.1016/j.matpr.2020.12.859

C	Kumar, YS; Rao, KVSR; Yalamalle, SR; Venugopal, SM; Krishna, S		Kumar, Y. Sandeep; Rao, Rajeswara K. V. S.; Yalamalle, Sunil R.; Venugopal, S. M.; Krishna, Sandeep	Applications of 3 D printing in TKR Pre surgical planning for Design Optimization - A Case Study	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	8th International Conference on Materials Processing and Characterization (ICMPC)	MAR 16-18, 2018	In traditional preoperative planning orthopedic surgeons utilized 2D plain X-Ray images are used to access the bone anatomy of patients, which results more surgical time, heavy intraoperative blood loss and more tissue removal under the tibia and femoral cut. Consequently the surgeon can perform satisfactory reconstruction of knee joint using	[Kumar, Y. Sandeep] RV Coll Engn, Dept IEM, Bangalore 560059, India; [Rao, Rajeswara K. V. S.; Yalamalle, Sunil R.] RV Coll Engn, Dept Ind Engn & Management, Bangalore 560059, India; [Venugopal, S. M.; Krishna, Sandeep] BIRRD Hosp Balaji Inst Surg Res & Rehabil Disable, Tirupati 517507, Andhra Pradesh, India	R.V. College of Engineering; R.V. College of Engineering	1	ELSEVIER	2214-7853		2018	5	9	

C	Rai, NS; Shree, BSP; Meghana, YP; Chavan, AP; Aradhya, HVR		Rai, N. Sameeksha; Shree, Pannaga B. S.; Meghana, Y. P.; Chavan, Arunkumar P.; Aradhya, H. V. Ravish	Design and implementation of 16 tap FIR filter for DSP Applications	2018 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTERS AND COMMUNICATIONS (ICAECC)	Proceedings Paper	2nd International Conference on Advances in Electronics, Computers and Communications (ICAECC)	FEB 09-10, 2018	In this paper, two novel methods to design a high speed, low power 16-Tap 32-bit digital FIR filter for DSP application are proposed. The basic building blocks of the FIR filters are adders, multipliers and delay elements. In the proposed work, proposed filter-1 is designed using carry increment adder and 32-bit Vedic	[Rai, N. Sameeksha; Shree, Pannaga B. S.; Meghana, Y. P.; Chavan, Arunkumar P.; Aradhya, H. V. Ravish] RV Coll Engn Bangalore, Dept Elect & Commun Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-3785-2	2018			

J	Hadimani, P; Murthy, HNN; Mudbidre, R; Angadi, G		Hadimani, Prakash; Murthy, H. N. Narasimha; Mudbidre, Rajalakshmi; Angadi, Gangadhar	Effect of melamine cyanurate on thermal and flame-retardant behaviour of chopped glass fibre reinforced polyphenylene ether/polystyrene/nylon-6	POLYMERS & POLYMER COMPOSITES	Article			This paper deals with the effect of melamine cyanurate on the thermal and fire retardant behaviour of chopped glass fibre (40 wt.%) reinforced polyphenylene ether/polystyrene/nylon-6 (40/40/20 wt. %) which are processed in a twin screw co-rotating extruder. The composite specimens were fabricated by injection moulding. Addition of	[Hadimani, Prakash] RV Coll Engn, Bengaluru, India; [Murthy, H. N. Narasimha; Angadi, Gangadhar] RV Coll Engn, Dept Mech Engn, Mysore Rd, Bengaluru 560059, India; [Mudbidre, Rajalakshmi] RV Coll Engn, Dept Chem Engn, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	3	SAGE PUBLICATIONS LTD	0967-3911		2022	30		http://dx.doi.org/10.1177/0967391122109316 5

J	Radhika, MG; Gopalakrishna, B; Chaitra, K; Bhatta, LKG; Venkatesh, K; Kamath, MKS; Kathyayini, N		Radhika, M. G.; Gopalakrishna, B.; Chaitra, K.; Bhatta, Lakshminarayana Kudinalli Gopalakrishna; Venkatesh, Krishna; Sudha Kamath, M. K.; Kathyayini, N.	Electrochemical studies on Ni, Co & Ni/Co-MOFs for high-performance hybrid supercapacitors	MATERIALS RESEARCH EXPRESS	Article			Metal-organic framework (MOF) of Ni-MOF, Co-MOF, and Ni/Co-MOF were synthesized by a facile hydrothermal method using Trimesic acid as structure directing linker. The physico-chemical properties of the synthesized MOFs were characterized by P-XRD (powder X-ray diffraction), FT-IR (fourier transform infrared	[Radhika, M. G.; Sudha Kamath, M. K.] RV Coll Engn, Dept Phys, Bengaluru 560059, Karnataka, India; [Gopalakrishna, B.; Chaitra, K.; Bhatta, Lakshminarayana Kudinalli Gopalakrishna; Venkatesh, Krishna; Kathyayini, N.] Jyothy Inst Technol, CIIRC, Bengaluru 560082, Karnataka, India	R.V. College of Engineering	45	IOP Publishing Ltd			2020	7	5	http://dx.doi.org/10.1088/2053-1591/ab8d5d

C	Ajay, KM; Dinesh, MN; Murthy, KAV; Ravikumar, CR; Nagaswarupa, HP		Ajay, K. M.; Dinesh, M. N.; Murthy, K. A. Vishnu; Ravikumar, C. R.; Nagaswarupa, H. P.	Deposition & Electrochemical characterization of Multilayer coated electrode material for super capacitor application	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Al2O3/Activated carbon(AC) and Poly Aniline (PANI) based Multilayer coated electrode material have been prepared experimentally on stainless steel substrate for super capacitor application. Nano structured aluminium oxide (Al2O3) thin film of 500nm were coated on stainless steel substrate using DC magnetron	[Ajay, K. M.; Dinesh, M. N.; Murthy, K. A. Vishnu] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, India; [Ravikumar, C. R.; Nagaswarupa, H. P.] East West Inst Technol, Dept Sci, Bengaluru 560091, India	R.V. College of Engineering	9	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.554

J	Sandesh, RS; Venkatesan, N		Sandesh, R. S.; Venkatesan, Nithya	Steady state VEP-based BCI to control a five-digit robotic hand using LabVIEW	INTERNATIONAL JOURNAL OF BIOMEDICAL ENGINEERING AND TECHNOLOGY	Article			This paper proposes steady state visual evoked potential signals for control of five digit robotic hand using LabVIEW as software platform. The experimental setup consist of Ag/Agcl electrodes with 10-20 gel, a low cost, rechargeable battery operated EEG amplifier, a handmade simulation panel flickering at a frequency of 21 Hz	[Sandesh, R. S.] RVCE, Dept E&I Engn, Bengaluru 59, India; [Venkatesan, Nithya] VIT Univ, SELECT, Chennai 127, Tamil Nadu, India	R.V. College of Engineering	2	INDERSCIENCE ENTERPRISES LTD	1752-6418		2022	38	2	http://dx.doi.org/10.1504/IJBET.2022.120867

J	Jadhav, B; Ramanand, R		Jadhav, Bhavana; Ramanand, Ravindra	Vulnerability Assessment of Steel Structures with Plan Irregularities Subjected to Fire	ADVANCES IN SCIENCE AND TECHNOLOGY-RESEARCH JOURNAL	Article			Understanding the performance of steel frames under fire loading is crucial, as numerous recent instances have revealed vulnerability of steel frames to such hazard. The present study is carried out to evaluate the vulnerability of regular and irregular steel structures in plan to fire event. Irregular buildings are	[Jadhav, Bhavana; Ramanand, Ravindra] RV Coll Engn, Dept Civil Engn, RV Vidyaniketan Post,Mysore Rd, Bengaluru, Karnataka, India	R.V. College of Engineering	0	LUBLIN UNIV TECHNOLOGY, POLAND	2080-4075		2021	15	4	http://dx.doi.org/10.12913/22998624/142739

C	Mahantesh, MM; Rao, KVSR; Mandal, J	Bavan, S; Sreenivasa, RM	Mahantesh, M. Math; Rao, K. V. S. Rajeswara; Mandal, Jaydeep	Human Digital Modeling and RULA Analysis for an Office Chair user in computer work environment -A case study in Indian Context	ADVANCED TRENDS IN MECHANICAL AND AEROSPACE ENGINEERING (ATMA-2019)	Proceedings Paper	International Conference on Advanced Trends in Mechanical and Aerospace Engineering (ATMA)	NOV 07-09, 2019	The global market size of office chair is around $10.69 billion and it is slowly increasing in all industries, institutes, schools, and universities, etc. Reports of research studies indicate that excessive sitting and improper sitting postures on the chair hurts the health of human and cause low back pain, musculoskeletal disorders in	[Mahantesh, M. Math; Mandal, Jaydeep] Rashtreeya Vidvalaya Coll Engn, Dept Mech Engn, Bengaluru, Karnataka, India; [Rao, K. V. S. Rajeswara] Rashtreeya Vidyalaya Coll Engn, Dept Ind Engn & Management, Bengaluru, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	AMER INST PHYSICS	0094-243X	978-0-7354-4059-3	2021	2316		http://dx.doi.org/10.1063/5.0036414

C	Sudeep, M; Moses, V	Eswaramoorthy, M; Senthilkumaran, T; Mathivanan, M	Sudeep, M.; Moses, Vinutha	Nanotechnology-As Antibacterial and Heavy Metal Removal In Waste Water Treatment-A Review	INTERNATIONAL CONFERENCE ON SUSTAINABLE ENGINEERING AND TECHNOLOGY (ICONSET 2018)	Proceedings Paper	1st International Conference on Sustainable Engineering and Technology (IconSet)	APR 19-20, 2018	'Water, water everywhere but not a drop of water to drink' was the situation then but now it is almost same except that 'people, people everywhere and no water left to drink'. The world is facing severe water crisis and the worst hit people are the population of the developing countries like India. Today	[Sudeep, M.; Moses, Vinutha] Rashtreeya Vidyalaya Coll Engn, Dept Chem Engn, Bengaluru 59, Karnataka, India	R.V. College of Engineering	2	AMER INST PHYSICS	0094-243X	978-0-7354-1765-6	2018	2039		http://dx.doi.org/10.1063/1.5079026

J	Setlur, AS; Karunakaran, C; Pandey, S; Sarkar, M; Niranjan, V		Setlur, Anagha S.; Karunakaran, Chandrashekar; Pandey, Shruti; Sarkar, Manas; Niranjan, Vidya	Molecular interaction studies of thymol via molecular dynamic simulations and free energy calculations using multi-target approach against Aedes aegypti proteome to decipher its role as mosquito repellent	MOLECULAR SIMULATION	Article			Aedes aegypti (A. aegypti) is the principal vector for several diseases and despite having synthetic repellents to curb its feeding and transmission, they pose a threat to humans upon chronic use. Therefore, this study explores natural alternative thymol, via both structural and molecular binding properties against whole	[Setlur, Anagha S.; Karunakaran, Chandrashekar; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India; [Pandey, Shruti; Sarkar, Manas] Reckitt Benckiser India Pvt Ltd, Res & Dev, Gurgaon, Haryana, India	R.V. College of Engineering	6	TAYLOR & FRANCIS LTD	0892-7022		2023	49	4	http://dx.doi.org/10.1080/08927022.2022.2159054

C	Malhotra, K; Kumari, MU; Shireesha, G; Karbari, SR		Malhotra, Kashish; Kumari, M. Uttara; Shireesha, G.; Karbari, Sudha R.	Design and simulation of stacked PVDF layers with ZnO for piezoelectric nanodevices	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Recent Advances in Materials and Manufacturing (ICRAMM)	NOV 20-21, 2020	Stacked PVDF (polyvinylidene difluoride) polymer with zinc oxide (ZnO) coatings for its improved piezoelectricity properties like electric potential, displacement and von mises stress over single layered piezo-electric devices is designed. A thin PVDF polymer is used as a substrate, stacked with a ZnO coated PVDF sheet	[Malhotra, Kashish; Kumari, M. Uttara; Karbari, Sudha R.] Rashtreeya Vidyalaya V Coll Engn, Dept ECE, Mysore Rd, Bangalore 560059, Karnataka, India; [Shireesha, G.] Rashtreeya Vidyalaya RV Coll Engn, Dept Phys, Mysore Rd, Bangalore 560059, Karnataka, India	R.V. College of Engineering	1	ELSEVIER	2214-7853		2021	42		http://dx.doi.org/10.1016/j.matpr.2020.11.881

C	Raju, BA; Nandhihalli, R; Nanjundappa, CE	Sugumaran, P; Raj, JS	Raju, B. Arpitha; Nandhihalli, Rudranna; Nanjundappa, C. E.	Internally Heated Gravity Driven Convection in a Saturated Porous Layer Dielectric Fluid	INTERNATIONAL CONFERENCE ON SMART SUSTAINABLE MATERIALS AND TECHNOLOGIES (ICSSMT-2020)	Proceedings Paper	International Conference on Smart Sustainable Materials and Technologies (ICSSMT)	AUG 12, 2020	This work opinions fundamental features of each internally heated (IH) convection and Rayleigh-Benard (RB) convection, alongside findings on IH convection from numerical simulations. Three configurations of IH convection driven by the aid of the boundary situations. The IH fashions are outstanding by differing pairs of	[Raju, B. Arpitha] Dr Ambedkar Inst Technol, Dept Elect & Elect Engn, Bengaluru 560056, India; [Nandhihalli, Rudranna] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, India; [Nanjundappa, C. E.] Dr Ambedkar Inst Technol, Dept Math, Bengaluru 560056, India	R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-4031-9	2020	2297		http://dx.doi.org/10.1063/5.0029757

J	Pailoor, S; Murthy, HNN; Sreenivasa, TN		Pailoor, Sandhyarani; Murthy, H. N. Narasimha; Sreenivasa, T. N.	Drilling of In-Line Compression Molded Jute / Polypropylene Composites	JOURNAL OF NATURAL FIBERS	Article			Compression molding can be used to fabricate polymer composites with long-, short- and intermediate-length fibers. In-line compression molding reduces cycle time through a single-step process in which fibers are directly introduced into the molten polymer in the extruder which is directly molded. It eliminates additional stage of heating and	[Pailoor, Sandhyarani; Sreenivasa, T. N.] AMC Engn Coll, Dept Mech Engn, Bengaluru, Karnataka, India; [Murthy, H. N. Narasimha] RV Coll Engn, Dept Mech Engn, PG Studies, Bengaluru, India	R.V. College of Engineering	15	TAYLOR & FRANCIS INC	1544-0478		2021	18	1	http://dx.doi.org/10.1080/15440478.2019.1612309

C	Jyothi, R; Zahid, SM; Zain, MS; Begum, R; Afzal, S; Rao, KU; Jayapal, R		Jyothi, R.; Zahid, Shaik Mohammed; Zain, Mohammed Sufyan; Begum, Reshma; Afzal, Syed; Rao, K. Uma; Jayapal, R.	Automatic Fault Diagnosis System for Voltage Source Inverter Driven Induction Motor	2019 3RD INTERNATIONAL CONFERENCE ON RECENT DEVELOPMENTS IN CONTROL, AUTOMATION & POWER ENGINEERING (RDCAPE)	Proceedings Paper	3rd International Conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE)	OCT 10-11, 2019	The high power drives used in industries are bulky and expensive. Several motor drives are used for different processes in the same plant .A major fault in any one of the drive can stop the whole process and may result in huge monetary loss and may also damage the associated drives. Hence for proper functioning of the	[Jyothi, R.; Zahid, Shaik Mohammed; Zain, Mohammed Sufyan; Begum, Reshma; Afzal, Syed; Rao, K. Uma] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, India; [Jayapal, R.] RVITM, Dept Elect & Elect Engn, Bengaluru, India	R.V. College of Engineering	1	IEEE		978-1-7281-2068-3	2019			http://dx.doi.org/10.1109/rdcape47089.2019.8979041

C	Radhakrishna; Kumar, KP		Radhakrishna; Kumar, Praveen K.	Characteristics of Cement Mortar with M-sand as Replacement of Fine Aggregates	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 17-19, 2017	Natural sand obtained from river bed is conventionally used as fine aggregates in preparation of cement mortar. Present study investigates flow and strength characteristics of cement mortar at various replacement levels of alternative fine aggregate, M-sand. Plastering mortars (1:3 and 1:4 ratio) were prepared	[Radhakrishna; Kumar, Praveen K.] VTU, Autonomous Inst, RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India	R.V. College of Engineering	10	ELSEVIER SCIENCE BV	2214-7853		2018	5	11	http://dx.doi.org/10.1016/j.matpr.2018.10.346

C	Bharathi, R; Kumar, TS; Mahesh, G; Bhagya, R	Shakya, S; Bestak, R; Palanisamy, R; Kamel, KA	Bharathi, R.; Kumar, T. Satish; Mahesh, G.; Bhagya, R.	Development of Diameter Call Simulations Using IPSL Tool for IMS-LTE	MOBILE COMPUTING AND SUSTAINABLE INFORMATICS	Proceedings Paper	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	JAN 29-30, 2021	With the evolution of mobile communication, every country across the world are moving toward all-IP network for both wire line and wireless communication. The life has become unimaginable without the Internet. It is very significant to understand that who can have access to a particular service and for how long the services are	[Bharathi, R.; Kumar, T. Satish; Mahesh, G.] BMS Inst Technol & Management, Dept CSE, Bangalore, Karnataka, India; [Bhagya, R.] RV Coll Engn, Dept ETE, Bangalore, Karnataka, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2367-4512	978-981-16-1866-6; 978-981-16-1865-9	2022	68		http://dx.doi.org/10.1007/978-981-16-1866-6_46

C	Tijare, V; Nagaraj, S; Sastry, J; Mulinti, M		Tijare, Vijay; Nagaraj, Shanmukha; Sastry, Jogayya; Mulinti, Madhusudhanrao	Load Capacity Estimation of Elliptical Contact Rolling Bearings	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 16-18, 2018	Bearing affiliation load capacity is one of the most important aspect while designing the bearings or while selecting it for applications. It has high influence on fatigue life prediction. Various international standards are normally used to calculate bearing load capacity; however, these standards are with	[Tijare, Vijay; Sastry, Jogayya; Mulinti, Madhusudhanrao] SKF Technol, Bangalore, Karnataka, India; [Tijare, Vijay; Nagaraj, Shanmukha] RV Coll Engn, Bangalore, Karnataka, India	R.V. College of Engineering	3	ELSEVIER	2214-7853		2020	24		

C	Karbari, SR; Mohanram, S; Sriniketh, SS; Kumari, MU; Shireesha, G		Karbari, Sudha R.; Mohanram, Sreyas; Sriniketh, S. S.; Kumari, M. Uttara; Shireesha, G.	Signal conditioning circuits for low vibration signals using an array of piezoelectric sensors	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Multifunctional Nanomaterials (ICMN)	DEC 28-30, 2020	Piezo-electric sensors have found widespread application today due to their ability to provide an interface between the mechanical and electronic world. For humans, in order to interact with these materials, we require an electronic interface. This paper describes one of the possible interfaces, which includes a charge amplifier	[Karbari, Sudha R.; Mohanram, Sreyas; Sriniketh, S. S.; Kumari, M. Uttara] Rashtreeya Vidyalaya Coll Engn, Dept Phys, Dept Elect & Commun Engn, Bangalore, Karnataka, India; [Shireesha, G.] Rashtreeya Vidyalaya Coll Engn, Dept Phys, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	2	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2021.03.213

C	Rahul, DS; Reddy, SV; Tarun, N; Basutkar, SM; Wali, RS; Renukadevi, MV		Rahul, Sai D.; Reddy, Sai Vikas; Tarun, N.; Basutkar, S. M.; Wali, Ravikiran S.; Renukadevi, M., V	Influence of brick waste and brick waste fines as fine aggregate on the properties of paver blocks - Preliminary investigation	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials Behavior and Characterization (ICAMBC)	APR 20-22, 2020	With the evolvement of construction practices, Construction and Demolition (C and D) waste disposal is of greater concern as it poses negative impact on the environment. Major constituents of C and D waste are concrete and masonry accounting up to 60%. In this present investigation, paver blocks for pedestrian traffic are	[Rahul, Sai D.; Reddy, Sai Vikas; Tarun, N.; Basutkar, S. M.; Wali, Ravikiran S.; Renukadevi, M., V] RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India	R.V. College of Engineering	5	ELSEVIER	2214-7853		2021	43		http://dx.doi.org/10.1016/j.matpr.2020.09.312

C	Nagaraja, GS; Koundinya, AK; Thippeswamy, G; Hegde, VV	Satapathy, SC; Bhateja, V; Mohanty, JR; Udgata, SK	Nagaraja, G. S.; Koundinya, Anjan K.; Thippeswamy, G.; Hegde, Vinay V.	Spatial Data Infrastructures for Urban Governance Using High-Performance Computing for Smart City Applications	SMART INTELLIGENT COMPUTING AND APPLICATIONS, VOL 2	Proceedings Paper	3rd International Conference on Smart Computing and Informatics (SCI)	DEC 21-22, 2018	Recent environmental experts report of air pollution of major cities in India reveals that about 18-lakh people died in the year 2015, due to air pollution. Further 78.80% of natural air is being polluted as per records collected from 75 places in India and 17 places in Karnataka, resulting in severe health issues. In addition to this, report also says that the	[Koundinya, Anjan K.; Thippeswamy, G.] BMS Inst Technol & Management, Dept Comp Sci & Engn, Bengaluru 560064, India; [Nagaraja, G. S.; Hegde, Vinay V.] RV Coll Engn, Dept Comp Sci & Engn, Mysore Rd, Bengaluru 560059, India	R.V. College of Engineering	0	SPRINGER-VERLAG BERLIN	2190-3018	978-981-32-9690-9; 978-981-32-9689-3	2020	160		http://dx.doi.org/10.1007/978-981-32-9690-9_64

C	Roy, K; Bannintha ya, KV; Prabhu, SM; Koomar , A; Karnata ki, D; Shankar , G		Roy, Koel; Bannintha ya, Vasudeva K.; Prabhu, Shivu M.; Koomar, Arun; Karnataki, Disha; Shankar, Ganesh	Smart IoT based Energy Metering System for Microgrids with Load Managemen t Algorithm	PROCEED INGS OF THE 2ND INTERNA TIONAL CONFERE NCE ON COMPUTI NG METHOD OLOGIES AND COMMUN ICATION (ICCMC 2018)	Proceedings Paper	2nd International Conference on Computing Methodolog ies and Communica tion (ICCMC)	FEB 15-16, 2018	The number of smart meter users in this present day world is still limited. The traditional and conventiona l application of the smart meters was mainly to establish a bi-channel communicat ion one is to provide the billing details of the energy consumed via GSM modules to the end users and the other is to provide energy data and other related	[Roy, Koel] RV Coll Engn, Power Elect, Bengaluru, India; [Banninthay a, Vasudeva K.] RV Coll Engn, Bengaluru, India; [Prabhu, Shivu M.; Koomar, Arun; Karnataki, Disha; Shankar, Ganesh] FluxGen Engn Technol, Bengaluru, India	R.V. College of Enginee ring; R.V. College of Enginee ring	2	IEEE		978-1-5386-3452-3	2018			

C	Sandeep, GS; Kumar, BSS; Mamatha, GS; Deepak, DJ	Reddy, MS; Viswanath, K; Prasad, KMS	Sandeep, G. S.; Kumar, B. S. Sunil; Mamatha, G. S.; Deepak, D. J.	A Survey of Optimization of Rate-Distortion Techniques for H.264 Scalable Video Coding	INTERNATIONAL PROCEEDINGS ON ADVANCES IN SOFT COMPUTING, INTELLIGENT SYSTEMS AND APPLICATIONS, ASISA 2016	Proceedings Paper	International Conference on Advances in Soft Computing, Intelligent Systems and Applications (ASISA)	2016	Rate-Distortion optimization is a process of improving a video quality during video compression. This will mainly concentrate on amount called rate and is a measure of distortion against data required to encode the video. The main usage of video encoders is to improve quality in encoding image, video, audio, and others to decrease	[Sandeep, G. S.; Kumar, B. S. Sunil; Deepak, D. J.] GM Inst Technol, Davangere, India; [Mamatha, G. S.] RV Coll Engn, Bengaluru, India	R.V. College of Engineering	1	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-10-5272-9; 978-981-10-5271-2	2018	628		http://dx.doi.org/10.1007/978-981-10-5272-9_22

C	Madhavi, K; Vinay, GN; Devi, MVR; Basutkar, SM		Madhavi, K.; Vinay, G. N.; Devi, M. V. Renuka; Basutkar, S. M.	Shear behavior of brick masonry strengthened with jute fiber reinforced composite	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	The unreinforced masonry is brittle and susceptible to sudden failure when subjected to lateral loads. The failures of unreinforced masonry in recent earthquakes have led to the development of new strengthening techniques. In this context, fiber reinforced composites are emerging as alternatives for strengthening of	[Madhavi, K.; Vinay, G. N.; Devi, M. V. Renuka; Basutkar, S. M.] RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India	R.V. College of Engineering	1	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.10.307

S	Jayashree, N; Babu, BS	Raj, P; Saini, K; Surianarayanan, C	Jayashree, N.; Babu, B. Sathish	Edge data analytics technologies and tools	EDGE/FOG COMPUTING PARADIGM: THE CONCEPT PLATFORMS AND APPLICATIONS, VOL. 127	Article; Book Chapter			Edge data analytics reduces the volume of data that needs to be sent to the cloud or other available resources for processing. It facilitates with avoidance of an additional processing state via autonomous behaviors of the machine, increased security, and minimized costs of data transmission. Data analytics happened to	[Jayashree, N.] C Byregowda Inst Technol, Dept Comp Sci & Engn, Kolar, Karnataka, India; [Babu, B. Sathish] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	ELSEVIER ACADEMIC PRESS INC	0065-2458	978-0-12-824506-4	2022	127		http://dx.doi.org/10.1016/bs.adcom.2022.02.004

C	Sameera, P; Deshpande, AA	Kavitha, C; Kavitha, KS; Kumar, TS; Niranjan, SK	Sameera, P.; Deshpande, Abhay A.	Pomegranate Diseases and Detection using Sensors: A Review	PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON GREEN COMPUTING AND INTERNET OF THINGS (ICGCIOT 2018)	Proceedings Paper	2nd IEEE International Conference on Green Computing and Internet of Things (ICGCIoT)	AUG 16-18, 2018	Technology is advancing rapid rate with its presence in every field alongside with humans. In the field of Agriculture, farmers are able to detect diseases in their crops, plants and fruits by making use of various sensors available in the technological market. This paper surveys different diseases in Pomegranate plant and suggests sensors	[Sameera, P.] Atria Inst Technol, Bangalore, Karnataka, India; [Deshpande, Abhay A.] RV Coll Engn, Bangalore, Karnataka, India	R.V. College of Engineering	0	IEEE		978-1-5386-5657-0	2018			

C	Vinutha, HP; Poornima, B; Sagar, BM	Satapathy, SC; Tavares, JMRS; Bhateja, V; Mohanty, JR	Vinutha, H. P.; Poornima, B.; Sagar, B. M.	Detection of Outliers Using Interquartile Range Technique from Intrusion Dataset	INFORMATION AND DECISION SCIENCES	Proceedings Paper	6th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA)	OCT 14-15, 2017	Unpredictable usage of Internet adds more problems to the network. Protecting the system from the anomalous behavior plays a major issue in NIDS. Data mining approaches in the field of Intrusion Detection System (IDS) is becoming more popular. The outlier is a current problem faced by many data mining researches. Outliers are	[Vinutha, H. P.] Bapuji Inst Educ & Technol, CS&E Dept, Davangere, India; [Poornima, B.] Bapuji Inst Educ & Technol, IS&E Dept, Davangere, India; [Sagar, B. M.] RVCE, IS&E Dept, Bengaluru, India	R.V. College of Engineering	116	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-981-10-7563-6; 978-981-10-7562-9	2018	701		http://dx.doi.org/10.1007/978-981-10-7563-6_53

J	Vaikund, H; Srivani, SG		Vaikund, Harini; Srivani, S. G.	Cost mitigation strategy for microgrid using an advanced energy management system with an intelligent controller	ELECTRIC POWER SYSTEMS RESEARCH	Article			A microgrid is a power distribution system that mixes distributed energy resources with controlled loads, and it has the capability to operate both grid-connected mode and islanding mode. However, increasing electricity demand and electricity cost remains a major problem worldwide. To mitigate these cost issues	[Vaikund, Harini] Dr Ambedkar Inst Technol, Dept Elect & Elect, BDA Outer Ring Rd,Near Jnana Bharathi Campus, Bengaluru 560056, India; [Srivani, S. G.] RV Coll Engn, Dept Elect & Elect, Mysore Rd, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	4	ELSEVIER SCIENCE SA	0378-7796		2022	210		http://dx.doi.org/10.1016/j.epsr.2022.108116

C	Nataraja n, A; Kannan, A; Belagali , V; Pai, VN; Shettar, R; Ghuli, P	Arai, K	Natarajan, Abhiram; Kannan, Anirudh; Belagali, Varun; Pai, Vaibhavi N.; Shettar, Rajashree; Ghuli, Poonam	Spam Detection Over Call Transcript Using Deep Learning	PROCEED INGS OF THE FUTURE TECHNOL OGIES CONFERE NCE (FTC) 2021, VOL 2	Proceedings Paper	6th Future Technologie s Conference (FTC)	OCT 28-29, 2021	An increasing volume of malicious spam calls has ushered an urgent need for a system that can automaticall y detect them. A robust spam call detection system must identify and block spam calls with high accuracy. Unlike current techniques that use crowd sourcing and are prone to phone number spoofing	[Natarajan, Abhiram; Kannan, Anirudh; Belagali, Varun; Shettar, Rajashree; Ghuli, Poonam] RV Coll Engn, Bangalore, Karnataka, India; [Pai, Vaibhavi N.] Samsung R&D Inst India, Bangalore, Karnataka, India	R.V. College of Enginee ring	0	SPRIN GER INTER NATIO NAL PUBLIS HING AG	2367-3370	978-3-030-89880-9; 978-3-030-89879-3	2022	359		http://dx.doi.org/10.1007/978-3-030-89880-9_10

C	Manujakshi, BC; Ramesh, KB	Silhavy, R	Manujakshi, B. C.; Ramesh, K. B.	A Novel Experimental Prototype for Assessing IoT Performance on Real-Time Analytics	SOFTWARE ENGINEERING AND ALGORITHMS IN INTELLIGENT SYSTEMS	Proceedings Paper	7th Computer Science On-Line Conference (CSOC)	APR, 2018	Internet-of-Things (IoT) is one of the stepping stone to future ubiquitous computing with the aid of cloud environment. We reviewed the existing literature to find that there are more theoretical-based study and less standard and established modeling approach to claim the efficiency of the IoT application. Therefore, we present simple and	[Manujakshi, B. C.] Acharya Inst Technol, Dept Comp Sci & Engn, Bengaluru, India; [Ramesh, K. B.] RV Coll Engn, Dept Elect & Instrumentat Engn, Bengaluru, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-319-91186-1; 978-3-319-91185-4	2019	763		http://dx.doi.org/10.1007/978-3-319-91186-1_6

C	Kumar, NS; Sudhanva, NG; Hande, VS; Sajjan, MV; Kumar, CSH; Kariyappa, BS	Chaki, N; Cortesi, A; Devarakonda, N	Kumar, Naman S.; Sudhanva, N. G.; Hande, V. Shreyas; Sajjan, Mallikarjun V.; Kumar, C. S. Hemanth; Kariyappa, B. S.	SRAM Design Using Memristor and Self-controllable Voltage (SVL) Technique	PROCEEDINGS OF INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND DATA ENGINEERING	Proceedings Paper	1st International Conference on Computational Intelligence & Data Engineering (ICCIDE)	JUL 14-15, 2017	Power consumption is one of the major hurdles in scaling the technology of memories. Static Random Access Memories (SRAMs), in particular, contribute to major dissipation of static and dynamic power in processors that are utilized for building caches, buffers, reservation stations, portable devices, etc. [1]	[Kumar, Naman S.; Sudhanva, N. G.; Hande, V. Shreyas; Sajjan, Mallikarjun V.; Kariyappa, B. S.] RVCE, Dept EC, Bengaluru 560059, Karnataka, India; [Kumar, C. S. Hemanth] GCE, Dept EC, Ramanagara 562159, Karnataka, India	R.V. College of Engineering	1	SPRINGER-VERLAG SINGAPORE PTE LTD	2367-4512	978-981-10-6319-0; 978-981-10-6318-3	2018	9		http://dx.doi.org/10.1007/978-981-10-6319-0_3

C	Rajithkumar, BK; Deepak, GM; Uma, BV; Hadimani, BN; Darshan, AR; Kamble, CR		Rajithkumar, B. K.; Deepak, G. M.; Uma, B., V; Hadimani, Basavaraj N.; Darshan, A. R.; Kamble, Chetan R.	Design and Development of Weight Sensors Based Smart Shopping Cart and Rack System for Shopping Malls	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	With the goal of providing pleasant shopping experience, reduced billing delay and flaw free shopping a Smart Shopping Cart was developed in this proposed work. The idea of Smart Shopping Cart is becoming popular and its need is increasing day by day. But even then in developed countries it is not very popular idea	[Rajithkumar, B. K.; Deepak, G. M.; Uma, B., V; Hadimani, Basavaraj N.; Darshan, A. R.; Kamble, Chetan R.] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, Karnataka, India	R.V. College of Engineering	0	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.367

J	Banu, K; Mondal, B; Rai, B; Monica, N; Hanumegowda, R		Banu, Kauser; Mondal, Bhairab; Rai, Bhawana; Monica, N.; Hanumegowda, Raju	Prospects for the application of aptamer based assay platforms in pathogen detection	BIOCYBERNETICS AND BIOMEDICAL ENGINEERING	Review			Aptamer-based diagnostics platforms for animal, human, plant and environmental patho-gens are gaining importance as they are rapid, user-friendly, sensitive and selective. How-ever, most of the aptamer-based platforms have not yet become commerciall y available. The increasing number of publications signifies the applications	[Banu, Kauser; Mondal, Bhairab; Rai, Bhawana; Monica, N.; Hanumegowda, Raju] Shankaranarayana Life Sci LLP, 144-C-1,Kirloskar Rd,Bommasandra Ind Estate,Hebbag, Bengaluru 560100, Karnataka, India; [Hanumegowda, Raju] RVCE, Dept Biotechnol, Post, Mysore Rd,RV Vidyaniketan,Post, Bengaluru 560059	R.V. College of Engineering	2	ELSEVIER	0208-5216		2022	42	3	http://dx.doi.org/10.1016/j.bbe.2022.07.005

J	Radhika, MG; Byatarayappa, G; Ingale, DV; Bhatta, LKG; Venkatesh, K; Kamath, MKS; Nagaraju, K		Radhika, M. G.; Byatarayappa, Gopalakrishna; Ingale, Deepak V.; Bhatta, Lakshminarayana Kudinalli Gopalakrishna; Venkatesh, Krishna; Kamath, M. K. Sudha; Nagaraju, Kathyayini	High performance of asymmetric coin cells designed using optimized weight percentage of multiwalled carbon nanotubes in Ni/ Co-MOFs nanocomposites	MATERIALS RESEARCH BULLETIN	Article			Nanocomposites (NC-X) of Ni/Co-MOFs with varying weight% of functionalized multiwalled carbon nanotubes (F-MWCNTs) were synthesized by solvothermal method. Physicochemical properties of NC-X were analyzed by different analytical techniques. Further, electrochemical studies were made to comprehend	[Radhika, M. G.; Kamath, M. K. Sudha] RV Coll Engn, Dept Phys, Bengaluru 560059, Karnataka, India; [Byatarayappa, Gopalakrishna; Ingale, Deepak V.; Bhatta, Lakshminarayana Kudinalli Gopalakrishna; Venkatesh, Krishna; Nagaraju, Kathyayini] Jyothy Inst Technol, Ctr Incubat Innovat Res & Consultancy CIIRC, Bengaluru	R.V. College of Engineering	5	PERGAMON-ELSEVIER SCIENCE LTD	0025-5408		2022	156		http://dx.doi.org/10.1016/j.materresbull.2022.111996

J	Sumathi, MS; Anitha, GS		Sumathi, M. S.; Anitha, Gowda Sheshadri	Link Aware Routing Protocol for Landslide Monitoring Using Efficient Data Gathering and Handling System	WIRELESS PERSONAL COMMUNICATIONS	Article			The landslide phenomenon's has become a serious problem in Himalayan regions to killed many people and also thrashed their whole living areas. All these tragedies triggered by environment changes and gathered by sensor nodes. Due to some reasons, sensor nodes are not possible to transfer sensed data to base station. The link failure	[Sumathi, M. S.] BMS Inst Technol, Dept Telecommun Engn, Bangalore 560064, Karnataka, India; [Anitha, Gowda Sheshadri] RVCE, Dept EEE, Bangalore 560059, Karnataka, India	R.V. College of Engineering	2	SPRINGER	0929-6212		2020	112	4	http://dx.doi.org/10.1007/s11277-020-07169-6

C	Kumar, YS; Rao, KVSR; Yalamalle, SR; Venugopal, SM; Krishna, S	Reddy, ANR; Marla, D; Simic, M; Favorskaya, MN; Satapathy, SC	Kumar, Y. Sandeep; Rao, K. V. S. Rajeswara; Yalamalle, Sunil R.; Venugopal, S. M.; Krishna, Sandeep	Effect of Slicing Thickness and Increment on the Design of Patient Specific Implant for Total Knee Replacement (TKR) Using Magnetic Resonance Imaging (MRI)-A Case Study	INTELLIGENT MANUFACTURING AND ENERGY SUSTAINABILITY, ICIMES 2019	Proceedings Paper	International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES)	JUN 21-22, 2019	The role of preoperative MR imaging is crucial in determining the region of injury and in fixing the exact problem to get satisfactory results. The MRI of a knee provides detailed images of structure within the knee joint including cartilage, ligaments, bones, and muscles from different angles. The MRI images in DICOM	[Kumar, Y. Sandeep; Rao, K. V. S. Rajeswara; Yalamalle, Sunil R.] Rashtreeya Vidyalaya Coll Engn, Dept IEM, Bengaluru 560059, India; [Venugopal, S. M.; Krishna, Sandeep] BIRRD Hosp, Tirupati 517507, Andhra Pradesh, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2190-3018	978-981-15-1616-0; 978-981-15-1615-3	2020	169		http://dx.doi.org/10.1007/978-981-15-1616-0_40

C	Shylashree, N; Uma, BV; Dhanush, S; Abachi, S; Nisarga, A; Aashith, K; Sangeetha, BG	Sahulhameedu, S; Chen, J; Shakya, S	Shylashree, N.; Uma, B., V; Dhanush, S.; Abachi, Sagar; Nisarga, A.; Aashith, K.; Sangeetha, B. G.	Preparation and Characterization of Sb2Se3 devices for Memory Applications	INTERNATIONAL CONFERENCE ON INVENTIVE RESEARCH IN MATERIAL SCIENCE AND TECHNOLOGY (ICIRMCT 2018)	Proceedings Paper	International Conference on Inventive Research in Material Science and Technology (ICIRMCT)	MAR 23-24, 2018	In this paper, A phase change material of Sb2Se3 was proposed for non volatile memory application. The thin film device preparation and characterization were carried out. The deposition method used was vapor evaporation technique and a thickness of 180nm was deposited. The switching between the SET and RESET	[Shylashree, N.; Uma, B., V; Dhanush, S.; Abachi, Sagar; Nisarga, A.; Aashith, K.] Rashtreeya Vidyalaya Coll Engn, Dept Elect & Commun, Bangalore, Karnataka, India; [Sangeetha, B. G.] RNS Inst Technol, Dept Elect & Commun, Bangalore, Karnataka, India	R.V. College of Engineering	3	AMER INST PHYSICS	0094-243X	978-0-7354-1671-0	2018	1966		http://dx.doi.org/10.1063/1.5038711

J	Gayathri, DS; Rani, KRU		Gayathri, D. Smitha; Rani, K. R. Usha	Adaptive impedance matching system for broadband power line communication using RC-filters	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	Article; Early Access			The broadband power line communication (BPLC) is designed under severe propagation constraints with devices of low cost, which provides integrated operation with other such devices, mainly the spatial and temporal variation of input side impedance. Adaptive impedance matching circuits have been proposed in this study, and most	[Gayathri, D. Smitha] Don Bosco Inst Technol, ECE Dept, Bengaluru 560074, India; [Rani, K. R. Usha] RV Coll Engn, ECE Dept, Mysuru Rd, Bengaluru 560059, India	R.V. College of Engineering	0	SPRINGER HEIDELBERG	1868-5137		2022			http://dx.doi.org/10.1007/s12652-022-03738-8

J	Sowmyarani, CN; Gadad, V; Dayananda, P		Sowmyarani, C. N.; Gadad, Veena; Dayananda, P.	(p+, α, t)-Anonymity Technique Against Privacy Attacks	INTERNATIONAL JOURNAL OF INFORMATION SECURITY AND PRIVACY	Article			Privacy preservation is a major concern in current technology where enormous amounts of data are being collected and published for carrying out analysis. These data may contain sensitive information related to individual who owns them. If the data is published in their original form, they may lead to privacy disclosure	[Sowmyarani, C. N.; Gadad, Veena] RV Coll Engn, Bengaluru, India; [Dayananda, P.] JSS Acad Tech Educ, Bengaluru, India	R.V. College of Engineering	1	IGI GLOBAL	1930-1650		2021	15	2	http://dx.doi.org/10.4018/IJISP.202104010 4

C	Mukhopadhyaya, K; Srividya, P		Mukhopadhyaya, Keka; Srividya, P.	Trends in performance characteristics and modelling of oxide based TFT	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Integration of Advanced Technologies for Industry 4.0 (ICIATI) - Materials Science	JUN 13-14, 2020	This paper reviews Thin Film Transistors (TFTs) and its performance characteristics. Specific focus has been given on the performance characteristics of oxide based TFT because of the wide range of applications of such TFT's. The oxide TFT devices are having excellent potential in the near future as active matrix displays	[Mukhopadhyaya, Keka] CMR Inst Technol, Dept EEE, Bengaluru, India; [Mukhopadhyaya, Keka; Srividya, P.] RV Coll Engn, Dept ECE, Bengaluru, India	R.V. College of Engineering	3	ELSEVIER	2214-7853		2022	55		http://dx.doi.org/10.1016/j.matpr.2021.12.596

J	Jayadevappa, BR		Jayadevappa, Basavaraja Revappa	Development of multimode gas-fired combined-cycle chemical-looping combustion-based power plant layouts	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	Article			Operation of power plants with carbon dioxide capture and sequestration (CCS) and without carbon dioxide capture and storage modes and energy penalty or energy utilization in such operations is of great significance. This work reports on two gas-fired pressurized chemical-looping combustion (CLC) power plant layouts with two	[Jayadevappa, Basavaraja Revappa] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India	R.V. College of Engineering	0	SPRINGER HEIDELBERG	0944-1344		2022	29	36	http://dx.doi.org/10.1007/s11356-022-19748-0

J	Mamatha, SK; Krishnappa, HK; Shalini, N		Mamatha, S. K.; Krishnappa, H. K.; Shalini, N.	Graph Theory Based Segmentation of Magnetic Resonance Images for Brain Tumor Detection	PATTERN RECOGNITION AND IMAGE ANALYSIS	Article			Segmentation process is very challenging task in medical imaging field. Efficient segmentation of magnetic resonance image (MRI) is very much necessary requirement in medical imaging, because such kind images have complex tissues, texture, structures, and edges, so this results in difficulty to detect any brain	[Mamatha, S. K.; Shalini, N.] Dr AIT, CSE Dept, Bangalore 560056, Karnataka, India; [Krishnappa, H. K.] RVCE, CSE Dept, Bangalore 560059, Karnataka, India	R.V. College of Engineering	4	SPRINGERNATURE	1054-6618		2022	32	1	http://dx.doi.org/10.1134/S1054661821040167

J	Uttarkar, A; Kishore, AP; Srinivas, SM; Rangappa, S; Kusanur, R; Niranjan, V		Uttarkar, Akshay; Kishore, Alice Preethi; Srinivas, Sudhanva M.; Rangappa, Shobith; Kusanur, Raviraj; Niranjan, Vidya	Coumarin derivative as a potent drug candidate against triple negative breast cancer targeting the frizzled receptor of wingless-related integration site signaling pathway	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	Article			Triple negative breast cancer constitutes to about 21.8 percent of the total breast cancer related cases. Its ability to affect young ladies and in pre-menstrual stage makes this a disease of concern worldwide. The current treatment regimens involve chemotherapy which are used for treatment of other cancer	[Uttarkar, Akshay; Kishore, Alice Preethi; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Mysuru Rd, Bengaluru 560059, India; [Srinivas, Sudhanva M.; Rangappa, Shobith] Adichunchanagiri Univ, Adichunchanagiri Inst Mol Med, Mandya, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	17	TAYLOR & FRANCIS INC	0739-1102		2023	41	5	http://dx.doi.org/10.1080/07391102.2021.2022536

J	Shekhar, CA; Sharvani, GS		Shekhar, C. Amith; Sharvani, G. S.	MTLBP: A Novel Framework to Assess Multi-Tenant Load Balance in Cloud Computing for Cost-Effective Resource Allocation	WIRELESS PERSONAL COMMUNICATIONS	Article			The recent advancement in cloud computing enabled technologies to offer scalable and elastic computing components at a reduced cost to manage the IT infrastructure organizations effectively. It addresses the cost optimization problem, which arises in the context of traditional web-enabled computing models where bottle-neck	[Shekhar, C. Amith] GM Inst Technol, Dept IS&E, Davangere, Karnataka, India; [Sharvani, G. S.] RV Coll Engn, Dept CS&E, Bengaluru, Karnataka, India	R.V. College of Engineering	2	SPRINGER	0929-6212		2021	120	2	http://dx.doi.org/10.1007/s11277-021-08541-w

C	Nagaraja, GS; Koundinya, AK; Thippeswamy, G; Mahesh, G; Hegde, VV	Satapathy, SC; Bhateja, V; Mohanty, JR; Udgata, SK	Nagaraja, G. S.; Koundinya, Anjan K.; Thippeswamy, G.; Mahesh, G.; Hegde, Vinay V.	VoIP Smart Speech Encoding Mechanism Using High-Performance Computing	SMART INTELLIGENT COMPUTING AND APPLICATIONS, VOL 2	Proceedings Paper	3rd International Conference on Smart Computing and Informatics (SCI)	DEC 21-22, 2018	With the advent of telephony in digital communication, there has been an overwhelming demand for voice services in a digital network, specifically the packet-switched network. A good example of service that can handle voice services is Voice over the Internet Protocol (VoIP). The VoIP service is a well-known service over the decades but still has prevalent	[Koundinya, Anjan K.; Thippeswamy, G.; Mahesh, G.] BMS Inst Technol & Management, Dept Comp Sci & Engn, Bengaluru 560064, India; [Nagaraja, G. S.; Hegde, Vinay V.] RV Coll Engn, Dept Comp Sci & Engn, Mysore Rd, Bengaluru 560059, India	R.V. College of Engineering	0	SPRINGER-VERLAG BERLIN	2190-3018	978-981-32-9690-9; 978-981-32-9689-3	2020	160		http://dx.doi.org/10.1007/978-981-32-9690-9_63

C	Vishnusai, Y; Kulakarni, TR; Nag, KS	Raj, JS; Bashar, A; Ramson, SRJ	Vishnusai, Y.; Kulakarni, Tejas R.; Nag, K. Sowmya	Ablation of Artificial Neural Networks	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION	Proceedings Paper	International Conference on Innovative Data Communication Technologies and Application (ICIDCA)	OCT 17-18, 2019	Recent research in the field of Artificial Neural Networks (ANNs) has led to a lot of new discoveries in their applications. Many complex problems have been solved using ANNs. But in most cases the question of how such complex information is stored or how such classification or differentiation of input data happens in the ANNs	[Vishnusai, Y.; Kulakarni, Tejas R.; Nag, K. Sowmya] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, India	R.V. College of Engineering	1	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-38040-3; 978-3-030-38039-7	2020	46		http://dx.doi.org/10.1007/978-3-030-38040-3_52

J	Vantigaru, S; Basavaraj, RK		Vantigaru, Siddaramappa; Basavaraj, Ramesh Krishnarajanagar	Two layer Encryption Schemes for Symmetric algorithms using DNA Sequences	INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE	Article			Information security and confidentiality has become important because of the rapid growth of the internet. Advanced information technology and communication devices allowed a person unauthorized access to sensitive data rapidly. There are different techniques used to protect data from an intruder like cryptography and steganograp	[Vantigaru, Siddaramappa] VTU Bangalore, RV Coll Engn, Dept CS&E, Bangalore, Karnataka, India; [Basavaraj, Ramesh Krishnarajanagar] VTU Bangalore, RV Coll Engn, Dept EIE, Bangalore, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	1	LEBANESE UNIV	1814-0424		2019	14	4	

C	Mangawati, A; Mohana; Leesan, M; Aradhya, HVR		Mangawati, Akshay; Mohana; Leesan, Mohammed; Aradhya, H. V. Ravish	Object Tracking Algorithms for Video Surveillance Applications	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	Object tracking is one of the most critical areas of research due to change in motion of object. Specifically, feature selection places a vital role in object tracking. It has wide range of applications such as object detection, traffic control, human-computer interaction, gesture recognition, video surveillance. Many	[Mangawati, Akshay; Mohana; Leesan, Mohammed; Aradhya, H. V. Ravish] RV Coll Engn, Dept Elect & Commun Engn, Bangalore 560059, Karnataka, India; [Mangawati, Akshay; Mohana; Leesan, Mohammed; Aradhya, H. V. Ravish] RV Coll Engn, Dept Telecommun Engn, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	6	IEEE		978-1-5386-3521-6	2018			

C	Raghavan, B; Gupta, T		Raghavan, Bharath; Gupta, Tribikram	H2/CH4 Gas Separation Using Graphene Drilled With Elliptical Pores	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Previous studies have considered nanoporous graphene (NPG) drilled with circular/regular pore, and have shown that only pore-10 is H-2 selective. However, the hydrogen permeance through this pore is low, meaning that the hydrogen yield is low. In order to extend the selectivity range, we considered pores of elliptical/irregular geometries	[Raghavan, Bharath] RV Coll Engn, Dept Chem Engn, Bengaluru, India; [Gupta, Tribikram] RV Coll Engn, Dept Phys, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering	2	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.487

C	Sreevidya, RC; Nagaraja, GS		Sreevidya, R. C.; Nagaraja, G. S.	Secure Multicast Routing for Wireless Sensor Networks using ACO-AODV with DHKE Cryptosystem	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2018)	Proceedings Paper	2nd International Conference on Computing Methodologies and Communication (ICCMC)	FEB 15-16, 2018	The wireless communication plays a major role in transferring data in the form of packets from one place to another in an efficient way. The Wireless Sensor Network (WSNs) gathers large amount of information through SNs (SNs) occupied in a huge area. The important parameters are clustering, power consumptio	[Sreevidya, R. C.] BNMIT, Dept CSE, Bengaluru, India; [Nagaraja, G. S.] RVCE, Dept CSE, Bengaluru, India	R.V. College of Engineering	1	IEEE		978-1-5386-3452-3	2018			

C	Khaleel, S; Madhavi, K; Basutkar, SM		Khaleel, Salman; Madhavi, K.; Basutkar, S. M.	Mechanical characteristics of brick masonry using natural fiber composites	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	Unreinforced masonry (URM) is brittle and most vulnerable to damage in the event of earthquake. The failure of masonry walls during earthquakes lead to the development of new techniques for strengthening. In this context, Fiber reinforced polymer (FRP) materials are evolving to retrofit/strengthen both concrete and	[Khaleel, Salman; Madhavi, K.; Basutkar, S. M.] RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India	R.V. College of Engineering	7	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.10.319

J	Velur, G; Kusanur, R		Velur, Gagana; Kusanur, Raviraj	Herbal Drugs in Cancer Treatment	RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY	Review			For centuries, herbal drugs have been used in various civilizations across the globe. India has its own ancient awareness on herbal drugs that people used without knowing their medicinal value or why they consume them. The changing lifestyle that individuals nowadays are leading and the increasing amount of synthetic chemicals	[Velur, Gagana] RV Coll Engn, Dept Chem Engn, Bangalore 560059, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	1	MAIK NAUKA/INTERPERIODICA/SPRINGER	1068-1620		2022	48	6	http://dx.doi.org/10.1134/S1068162022060267

C	Siddhartha, B; Chavan, AP; Hd, GK; Subramanya, KN		Siddhartha, B.; Chavan, Arunkumar P.; Hd, Gopala Krishna; Subramanya, K. N.	IoT Enabled Real-Time Availability and Condition Monitoring of CNC Machines	2020 IEEE INTERNATIONAL CONFERENCE ON INTERNET OF THINGS AND INTELLIGENCE SYSTEM (IOTAIS)	Proceedings Paper	IEEE International Conference on Internet of Things and Intelligence System (IoTaIS)	JAN 27-28, 2021	One of the biggest challenges faced by the manufacturing industry is to improve productivity and process efficiency. Achieving zero downtime has been the goal of manufacturers since a long time, with the advancement in IoT making sensors inexpensive and compact with Industry 4.0 revolutionizing the complete manufacturi	[Siddhartha, B.; Chavan, Arunkumar P.] RV Coll Engn, Dept Elect & Commun Engn, Bangalore, Karnataka, India; [Hd, Gopala Krishna] RV Coll Engn, Mech Engn Dept, Bangalore, Karnataka, India; [Subramanya, K. N.] RV Coll Engn, Dept Ind Engn & Management, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	4	IEEE		978-1-7281-9448-6	2021			http://dx.doi.org/10.1109/IoTaIS50849.2021.9359698

J	Singh, M; Telukunta, V; Srivani, SG		Singh, Manohar; Telukunta, Vishnuvardhan; Srivani, S. G.	Enhanced real time coordination of distance and user defined over current relays	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	Article			Faults on the transmission lines are primarily cleared by pilot wire differential protection as well as from zone-1 and zone-2 of distance relays, depending upon their location on the lines. If the main distance relays fails to operate, then standard time inverse directional over current (DOCR) relays are set as backup protection in	[Singh, Manohar; Telukunta, Vishnuvardhan] Cent Power Res Inst, Bangalore 560080, Karnataka, India; [Srivani, S. G.] RVCE Coll Engn, Bangalore, Karnataka, India	R.V. College of Engineering	24	ELSEVIER SCI LTD	0142-0615		2018	98		http://dx.doi.org/10.1016/j.ijepes.2017.12.018

J	Manjappa, P; Rajan, HK; Mahesh, MG; Sadananda, KG; Channegowda, M; Shivashankar, GK; Mutt, NB		Manjappa, Praveen; Rajan, Hari Krishna; Mahesh, Mamatha Gowdaru; Sadananda, Karthikeya Gulur; Channegowda, Manjunatha; Shivashankar, Girish Kumar; Mutt, Nagabhushana Bhangi	Effective Attenuation of Electromagnetic Waves by Synergetic Effect of α-Fe2O3 and MWCNT/Graphene in LDPE-Based Composites for EMI Applications	MATERIALS	Article			In this study, a polymer nanocomposite is synthesized using magnetic and conducting fillers for enhanced electromagnetic interference (EMI) shielding. Alfa-ferrite (alpha-Fe2O3) nanoparticles with minimal multiwalled carbon nanotube (MWCNT) as low as 5 weight % in combination with variable concentrations of	[Manjappa, Praveen; Rajan, Hari Krishna; Mutt, Nagabhushana Bhangi] M S Ramaiah Inst Technol, Dept Chem, Bangalore 560054, India; [Rajan, Hari Krishna] M S Ramaiah Inst Technol, Ctr Bio & Energy Mat Innovat, Bangalore 560054, India; [Mahesh, Mamatha Gowdaru] M S Ramaiah Inst Technol	Ramaiah Institute of Technology; Ramaiah Institute of Technology; Ramaiah Institute of Technology; Ramaiah Institute of Technology; R.V. College of Engineering	7	MDPI			2022	15	24	http://dx.doi.org/10.3390/ma15249006

C	Maruti, SV; Krishna, R; Mounesh, M		Maruti, Sasalatti Vinod; Krishna, Radha; Mounesh, M.	Properties of Geopolymer Cement Mortar and Blocks with Calcium Carbonate	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 16-18, 2018	During manufacture of cement, a major constituent of concrete, large amount of CO2 is released and waste/by-product materials are produced. Protection of environment from greenhouse gases and dumping of waste/ by-product materials in an un-controlled manner has become very important. Constituents of concrete	[Maruti, Sasalatti Vinod; Mounesh, M.] VTU, RV Coll Engn, Bangalore, Karnataka, India; [Krishna, Radha; Mounesh, M.] RV Coll Engn Bangalore, Dept Civil Engn, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	2	ELSEVIER	2214-7853		2020	24		

C	Shashidhar, TM; Ramesh, KB	Silhavy, R	Shashidhar, T. M.; Ramesh, K. B.	FARIP: Framework for Artifact Removal for Image Processing Using JPEG	ARTIFICIAL INTELLIGENCE AND ALGORITHMS IN INTELLIGENT SYSTEMS	Proceedings Paper	7th Computer Science On-Line Conference (CSOC)	APR, 2018	Irrespective of a significant advancement of the compression technique in digital image processing, still the presence of artifacts or fingerprints do exists, even in a smaller scale. Such presence of artifacts is mis-utilized by the miscreants by invoking their attacks where it is quite hard to differentiate tampered image due to normal problems or	[Shashidhar, T. M.] Visvesvaraya Technol Univ, Belagavi, Karnataka, India; [Ramesh, K. B.] RV Coll Engn, Dept Elect & Instrumentat Engn, Bengaluru, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-319-91189-2	2019	764		http://dx.doi.org/10.1007/978-3-319-91189-2_2

J	Ranganayakulu, J; Srihari, PV; Rao, KV		Ranganayakulu, Jinka; Srihari, Podala Venkata; Rao, Kaki Venkata	A strategy to improve performance in electrochemical discharge machining using periodic bi-directional tool rotation	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	Article			Increasing machining depth has imposed challenges to machine high aspect ratio features in electrochemical discharge machining (ECDM) of hard and brittle materials like borosilicate glass. As depth of machining (DOM) progresses, the machining is slowed due to insufficient availability of electrolyte at the tool tip. The	[Ranganayakulu, Jinka; Srihari, Podala Venkata] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Rao, Kaki Venkata] Vignans Fdn Sci Technol & Res, Dept Mech Engn, Vadlamudi 522213, Andhra Pradesh, India	R.V. College of Engineering; Vignan's Foundation for Science, Technology & Research (VFSTR)	2	SPRINGER LONDON LTD	0268-3768		2022	123	5-6	http://dx.doi.org/10.1007/s00170-022-10227-x

C	Tripathi, A; Rao, KU	Bevrani, H	Tripathi, Abha; Rao, K. Uma	Line compensation in Power System Using Dynamic Inversion Technique	5TH INTERNATIONAL CONFERENCE ON POWER AND ENERGY SYSTEMS ENGINEERING (CPESE 2018)	Proceedings Paper	5th International Conference on Power and Energy Systems Engineering (CPESE)	SEP 19-21, 2018	Dynamic Inversion Technique has been used for command tracking in High Performance Aircraft. The technique makes the output, track the desired value by enforcing the error dynamics. In this paper, Dynamic Inversion Controller has been applied to a Single Machine Infinite Bus system successfully to improve stability	[Tripathi, Abha] PES Univ, Bangalore 560008, Karnataka, India; RV Coll Engn, Bangalore, Karnataka, India	PES University; R.V. College of Engineering	0	ELSEVIER SCIENCE BV	1876-6102		2019	156		http://dx.doi.org/10.1016/j.egypro.2018.11.143

J	Swamy, SR; Cotîrla, LI		Swamy, Sondekola Rudra; Cotirla, Luminita-Ioana	On -τ-Pseudo-ν-Convex κ-Fold Symmetric Bi-Univalent Function Family	SYMMETRY-BASEL	Article			The object of this article is to explore a tau-pseudo-nu-convex kappa-fold symmetric bi-univalent function family satisfying subordinations condition generalizing certain previously examined families. We originate the initial Taylor-Maclaurin coefficient estimates of functions in the defined family. The classical Fekete-Szego inequalities	[Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, India; [Cotirla, Luminita-Ioana] Tech Univ Cluj Napoca, Dept Math, Cluj Napoca 400114, Romania	R.V. College of Engineering; Technical University of Cluj Napoca	1	MDPI			2022	14	10	http://dx.doi.org/10.3390/sym14101972

J	Binu, D; Kariyappa, BS		Binu, D.; Kariyappa, B. S.	Multi-Rider Optimization-Based Neural Network for Fault Isolation in Analog Circuits	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	Article			Fault isolation in electronic circuits is a trending area of interest as analog circuits find valuable application in industry. The failures in circuit systems cause severe issues in the normal functioning of the system that insists on the need for an automatic method of fault isolation in analog circuits. Literature conveys the issues	[Binu, D.; Kariyappa, B. S.] VTU Univ, RV Coll Engn, Dept Elect & Commun Engn, Bangalore, Karnataka, India	R.V. College of Engineering; Visvesvaraya Technological University	0	WORLD SCIENTIFIC PUBL CO PTE LTD	0218-1266		2021	30	3	http://dx.doi.org/10.1142/S0218126621500481

J	Harish, DVN; Bharatish, A; Murthy, HNN; Anand, B; Subramanya, KN		Harish, D. V. N.; Bharatish, A.; Murthy, H. N. Narasimha; Anand, B.; Subramanya, K. N.	Investigation of thermal residual stresses during laser ablation of tantalum carbide coated graphite substrates using micro-Raman spectroscopy and COMSOL multiphysics	CERAMICS INTERNATIONAL	Article			Laser ablation of high-temperature ceramic coatings results in thermal residual stresses due to which the coatings fail by cracking and debonding. Hence, the measurement of such residual stresses during laser ablation process holds utmost importance from the view of performance of coatings in extreme conditions. The present	[Harish, D. V. N.; Bharatish, A.; Murthy, H. N. Narasimha; Anand, B.] VTU, Dept Mech Engn, Autonomous Inst, RV Coll Engn, Belagavi 560059, Bengaluru, India; [Subramanya, K. N.] VTU, Autonomous Inst, RV Coll Engn, Belagavi 560059, Bengaluru, India	Visvesvaraya Technological University; R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	9	ELSEVIER SCI LTD	0272-8842		2021	47	3	http://dx.doi.org/10.1016/j.ceramint.2020.09.193

C	Dutta, A; Gupta, A; Sathish, S; Bandooni, A; Kumar, P		Dutta, Anchit; Gupta, Adhip; Sathish, Sharath; Bandooni, Aman; Kumar, Pramod	SIMPLE RECUPERATED S-CO2 CYCLE REVISITED: OPTIMIZATION OF OPERATING PARAMETERS FOR MAXIMUM CYCLE EFFICIENCY	PROCEEDINGS OF THE ASME TURBO EXPO: TURBOMACHINERY TECHNICAL CONFERENCE AND EXPOSITION, 2019, VOL 9	Proceedings Paper	ASME Turbo Expo: Turbomachinery Technical Conference and Exposition	JUN 17-21, 2019	The paper presents modeling and Design of Experiments (DOE) analysis for a simple recuperated s-CO2 closed loop Brayton cycle operating at a maximum temperature of 600 degrees C and a compressor inlet temperature of 45 degrees C. The analysis highlights the impact of isentropic efficiencies of the turbine and	[Dutta, Anchit] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India; [Gupta, Adhip; Sathish, Sharath; Bandooni, Aman; Kumar, Pramod] Indian Inst Sci, Dept Mech Engn, Bangalore, Karnataka, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	5	AMER SOC MECHANICAL ENGINEERS		978-0-7918-5872-1	2019			

C	Prasad, P; Subramani, S; Bhavana, V; Krishnappa, HK		Prasad, Pournami; Subramani, Surekha; Bhavana, V; Krishnappa, H. K.	Medical Image Fusion Techniques Using Discrete Wavelet Transform	PROCEEDINGS OF THE 2019 3RD INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2019)	Proceedings Paper	3rd International Conference on Computing Methodologies and Communication (ICCMC)	MAR 27-29, 2019	Identifying the ailments and to cure these ailments require accurate and defined evidence that has to be obtained from different kinds of medical images, like Positron Emission tomography(PET), Computed tomography(CT), Magnetic Resonance Imaging(MRI) etc. By undergoing their respective procedure and scans, these methods are	[Prasad, Pournami] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Elect & Commun Engn, Bengaluru, India; [Krishnappa, H. K.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	2	IEEE		978-1-5386-7808-4	2019			http://dx.doi.org/10.1109/iccmc.2019.8819672

C	Sheikh, H; Geetha, V; Hariprasad, SA	Smys, S; Senjyu, T; Lafata, P	Sheikh, Hasansab; Geetha, V; Hariprasad, S. A.	Implementation of Reputation Based Framework for Detecting Misbehaving Nodes and Illustration of Vampire Attack in Manets	SECOND INTERNATIONAL CONFERENCE ON COMPUTER NETWORKS AND COMMUNICATION TECHNOLOGIES, ICCNCT 2019	Proceedings Paper	2nd International Conference on Computer Networks and Communication Technologies (ICCNCT)	MAY 23-24, 2019	A Mobile ad-hoc Network is set of nodes which are self organized in a wireless system. The attack on the network will be either attack or passive attack. The malicious node in the network can act as a base node for vampire attack which drains the life of other nodes in the network. In this study, we have proposed a reputation based	[Sheikh, Hasansab; Geetha, V] RVCE, Informat Sci & Engn, Bengaluru 59, India; [Hariprasad, S. A.] Jain Univ, Bengaluru, India	R.V. College of Engineering; Jain University	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-37051-0; 978-3-030-37050-3	2020	44		http://dx.doi.org/10.1007/978-3-030-37051-0_96

J	Bhargavi, K; Babu, BS		Bhargavi, K.; Babu, B. Sathish	Uncertainty Aware Resource Provisioning Framework for Cloud Using Expected 3-SARSA Learning Agent: NSS and FNSS Based Approach	CYBERNETICS AND INFORMATION TECHNOLOGIES	Article			Efficiently provisioning the resources in a large computing domain like cloud is challenging due to uncertainty in resource demands and computation ability of the cloud resources. Inefficient provisioning of the resources leads to several issues in terms of the drop in Quality of Service (QoS), violation of Service Level Agreement	[Bhargavi, K.] Siddaganga Inst Technol, Dept CSE, Tumkur, Karnataka, India; [Babu, B. Sathish] RV Coll Engn, Dept CSE, Bangalore, Karnataka, India	Siddaganga Institute of Technology; R.V. College of Engineering	3	INST INFORMATION & COMMUNICATION TECHNOLOGIES-BULGARIAN ACAD SCIENCES	1311-9702		2019	19	3	http://dx.doi.org/10.2478/cait-2019-0028

J	Sujatha, BG; Anitha, GS		Sujatha, B. G.; Anitha, G. S.	Enhancement of PQ in grid connected PV system using hybrid technique	AIN SHAMS ENGINEERING JOURNAL	Article			This paper proposed a hybrid technique based on power quality (PQ) enhancement in grid connected Photovoltaic (PV) system. The hybrid technique is the combined performance of both the Radial Basis Function Neural Network (RBFNN) and Proportional Integral (PI) controller. The primary intention of	[Sujatha, B. G.] Jain Univ, Cambridge Inst Technol, Dept Elect & Elect, Bangalore, Karnataka, India; [Anitha, G. S.] RV Coll Engn, Dept Elect & Elect Engn, Bangalore, Karnataka, India	Jain University; R.V. College of Engineering	11	ELSEVIER	2090-4479		2018	9	4	http://dx.doi.org/10.1016/j.asej.2016.04.007

J	Narayanam, LSV; Motammanavar, S		Narayanam, Lakshmi Satya Vani; Motammanavar, Satish, V	On computing Banzhaf power index for k-edge connectivity in graphs	SOCIAL NETWORK ANALYSIS AND MINING	Article			Consider an undirected and unweighted graph G = (V, E) where V is the set of vertices and E is the set of edges. Let P be a set of pairs of vertices in G. For a given integer k, we assume that there exists at least k edge disjoint paths between pairs of vertices in P. We consider a new problem that studies the role played by each edge	[Narayanam, Lakshmi Satya Vani] PES Univ, Bangalore, Karnataka, India; [Motammanavar, Satish, V] RV Coll Engn, Bangalore, Karnataka, India	PES University; R.V. College of Engineering	0	SPRINGER WIEN	1869-5450		2022	12	1	http://dx.doi.org/10.1007/s13278-022-00985-7

J	Hiremath, S; Raj, MALA; Prabha, MNC; Vidya, C		Hiremath, Shilpa; Raj, M. A. L. Antony; Prabha, M. N. Chandra; Vidya, C.	Tamarindus indica mediated biosynthesis of nano TiO2 and its application in photocatalytic degradation of Titan yellow	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	Article			Present article reports for the first time a simple, eco-friendly synthesis of nano TiO2 semiconductor photo - catalyst mediated by ethanolic Tamarindus indica leaf extract using titanium isopropoxide as precursor. XRD of the obtained product confirms the synthesis of anatase titania. Presence of aggregates of near	[Hiremath, Shilpa; Raj, M. A. L. Antony; Vidya, C.] RV Coll Engn, Dept Chem Engn, Bangalore 59, Karnataka, India; [Prabha, M. N. Chandra] MSRIT, Dept Biotechnol, Bangalore 54, Karnataka, India	Ramaiah Institute of Technology	22	ELSEVIER SCI LTD			2018	6	6	http://dx.doi.org/10.1016/j.jece.2018.08.052

C	Anupama, HS; Jain, RV; Venkatesh, R; Mahadevan, R; Cauvery, NK; Lingaraju, GM	Sa, PK; Bakshi, S; Hatzilygeroudis, IK; Sahoo, MN	Anupama, H. S.; Jain, Raj, V; Venkatesh, Revanur; Mahadevan, Rupa; Cauvery, N. K.; Lingaraju, G. M.	Implementing and Analyzing Different Feature Extraction Techniques Using EEG-Based BCI	RECENT FINDINGS IN INTELLIGENT COMPUTING TECHNIQUES, VOL 2	Proceedings Paper	5th International Conference on Advanced Computing, Networking, and Informatics (ICACNI)	JUN 01-03, 2017	Brain-computer interface (BCI) is a method of communication between the brain and computer or machines, which use the neural activity of the brain. This neural activity communication does not occur using the peripheral nervous system and muscles, as is the usual case in human beings, but through any other mechanism. This paper focuses on	[Anupama, H. S.; Jain, Raj, V; Venkatesh, Revanur; Mahadevan, Rupa] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India; [Cauvery, N. K.] RV Coll Engn, Dept Informat Sci & Engn, Bengaluru, India; [Lingaraju, G. M.] MS Ramaiah Inst Technol, Dept Informat Sci, Bengaluru, India	R.V. College of Engineering; R.V. College of Engineering; Ramaiah Institute of Technology	2	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-10-8636-6; 978-981-10-8635-9	2018	708		http://dx.doi.org/10.1007/978-981-10-8636-6_39

C	Dharani, A; Vijaylakshmi, MN; Swamy, SN	Shaw, RN; Verma, JK; Johri, P	Dharani, Andhe; Vijaylakshmi, M. N.; Swamy, Narasimha S.	Mobile as a Sensor in Intelligent Transportation System for Street Route	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	Proceedings Paper	International Conference on Computing, Power and Communication Technologies (GUCON)	SEP 28-29, 2018	Rapid increase in the espousal of mobile phones and their ubiquity has significantly reflected upon the Intelligent Transport system (ITS). Some of the major ITS areas of usage include active traffic management, driver information, navigation information, Telematics and so on. Currently there are many apps for destination	[Dharani, Andhe; Vijaylakshmi, M. N.; Swamy, Narasimha S.] RV Coll Engn, Dept MCA, Bangalore, Karnataka, India; [Dharani, Andhe; Vijaylakshmi, M. N.; Swamy, Narasimha S.] Visvesvaraya Technol Univ, Belagavi, Karnataka, India	R.V. College of Engineering; Visvesvaraya Technological University	2	IEEE		978-1-5386-4491-1	2018			

J	Sunitha, R; Sreedevi, A		Sunitha, R.; Sreedevi, A.	Understanding the nonlinear dynamics of seizure and sleep EEG patterns generated using hierarchical chaotic neuronal network	INTERNATIONAL JOURNAL OF COMPUTATIONAL SCIENCE AND ENGINEERING	Article			The purpose of this article is to describe how a chaotic biological neural network based on a mammalian olfactory system can be used to generate EEG patterns during seizures, REM and NREM sleep. The parameters governing the connection between each node at each layer of an olfactory system's K3 topology	[Sunitha, R.] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Elect & Commun Engn, Bengaluru, India; [Sreedevi, A.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	1	INDERSCIENCE ENTERPRISES LTD	1742-7185		2022	25	4	http://dx.doi.org/10.1504/IJCSE.2022.124563

J	Raj, S; Channegowda, M		Raj, Sinchana; Channegowda, Manjunatha	Biomimicry: Recent Updates on Nanotechnology Innovations Inspired by Nature Creations	CURRENT NANOSCIENCE	Review			Nature mimicry rather, biomimicry is one such field being considered for the backbone of the most astounding inventions in recent science and technology. Biomimicry combined with nanotechnology developed many sustainable solutions to satisfy problems existing in daily life. In this article, we explore the individual concepts of biomimicry	[Raj, Sinchana] RV Coll Engn, Dept Comp Sci Engn, Bengaluru 560059, India; [Channegowda, Manjunatha] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Channegowda, Manjunatha] Visvesvaraya Technol Univ, Belagavi 590018, India	R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	2	BENTHAM SCIENCE PUBL LTD	1573-4137		2021	17	5	http://dx.doi.org/10.2174/1573413716999201127111149

C	Buravalli, M; Kumar, T; Shilpa, GD; Anuradha, S		Buravalli, Manasa; Kumar, Tejaswini; Shilpa, G. D.; Anuradha, S.	Simulation Study of 2x3 Microstrip Patch Antenna Array for 5G Applications	PROCEEDINGS OF THE 2020 5TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND SECURITY (ICCCS-2020)	Proceedings Paper	5th International Conference on Computing, Communication and Security (ICCCS)	OCT 14-16, 2020	This paper proposes a compact 6-element (2x3) micro-strip patch antenna array with inset feed, which is designed to work at a resonant frequency of 30 GHz. The antenna design simulation is done using Ansoft HFSS software. RT/duroid5880 with relative permittivity, 'epsilon r' equal to 2.2 and loss tangent, tan delta = 0.0009 is	[Buravalli, Manasa; Kumar, Tejaswini; Shilpa, G. D.] RV Coll Engn, Dept Telecommun, Bengaluru, KA, India; [Anuradha, S.] Bangalore Univ, Dept Elect Sci, Bengaluru, KA, India	R.V. College of Engineering; Bangalore University	0	IEEE		978-1-7281-9180-5	2020			http://dx.doi.org/10.1109/icccs49678.2020.9276831

C	Reddy, D; Dheeraj; Kiran; Bhavana, V; Krishnappa, HK		Reddy, Digvijay; Dheeraj; Kiran; Bhavana, V; Krishnappa, H. K.	Brain Tumor Detection using Image Segmentation Techniques	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	Brain Tumor is the unconstrained growth of bizarre cells in brain. In this work, dicom Magnetic Resonance Image (MRI) is taken as an input and tried to extract tumor cells from the input image. Pre-processing technique is used to remove noise from image. To this image, k-means clustering is applied and from this clustered image, skull	[Reddy, Digvijay; Dheeraj; Kiran; Bhavana, V] Amrita Vishwa Vidyapeetham, Dept Elect & Commun Engn, Amrita Sch Engn, Bengaluru, India; [Krishnappa, H. K.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	12	IEEE		978-1-5386-3521-6	2018			

J	Murthy, N; Sangwan, KS; Narahari, NS		Murthy, Narasimha; Sangwan, Kuldip Singh; Narahari, Nuggenahalli S.	Empirical classification of European Foundation for Quality Management (EFQM) model enabler sub-criteria using a quadrant matrix	INTERNATIONAL JOURNAL OF QUALITY & RELIABILITY MANAGEMENT	Article			Purpose - The purpose of this paper is to examine how sub-criteria of the European Foundation for Quality Management (EFQM) model is structurally connected and influence each other. This paper also tries to find the underpinning logics in the EFQM model. Design/methodology/approach - The study uses the empirical methodology based on	[Murthy, Narasimha] Birla Inst Technol & Sci, Mech Engn, Pilani, Rajasthan, India; [Sangwan, Kuldip Singh] Birla Inst Technol & Sci, Dept Mech, Pilani, Rajasthan, India; [Narahari, Nuggenahalli S.] RV Coll Engn, Ind Engn & Management, Bangalore, Karnataka, India	Birla Institute of Technology & Science Pilani (BITS Pilani); Birla Institute of Technology & Science Pilani (BITS Pilani); R.V. College of Engineering	4	EMERALD GROUP PUBLISHING LTD	0265-671X		2022	39	2	http://dx.doi.org/10.1108/IJQRM-10-2020-0351

J	Ajay, KM; Dinesh, MN; Byatarayappa, G; Radhika, MG; Kathyayini, N; Vijeth, H		Ajay, K. M.; Dinesh, M. N.; Byatarayappa, Gopalakrishna; Radhika, M. G.; Kathyayini, N.; Vijeth, H.	Electrochemical investigations on low cost KOH activated carbon derived from orange-peel and polyaniline for hybrid supercapacitors	INORGANIC CHEMISTRY COMMUNICATIONS	Article			This paper presents a comparative study of electrode materials for supercapacitors concerning biomass centered orange peel derived activated carbon (OPAC), and Polyaniline-OPAC nanocomposite. OPAC was synthesized via a chemical activation technique under the nitrogen atmosphere. The BET studies of OPAC	[Ajay, K. M.; Dinesh, M. N.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, Karnataka, India; [Byatarayappa, Gopalakrishna; Radhika, M. G.; Kathyayini, N.] Jyothy Inst Technol, Ctr Incubat Innovat Res & Consultancy, Kanakapura Rd, Bengaluru 560082, Karnataka, India; [Vijeth, H.] Mangalore	R.V. College of Engineering	21	ELSEVIER	1387-7003		2021	127		http://dx.doi.org/10.1016/j.inoche.2021.108523

J	Niranjan, V; Rao, A; Janaki, B; Uttarkar, A; Setlur, AS; Chandrashekar, K; Udayakumar, M		Niranjan, Vidya; Rao, Amulya; Janaki, B.; Uttarkar, Akshay; Setlur, Anagha S.; Chandrashekar, K.; Udayakumar, M.	Molecular Docking and Interaction Studies of Identified Abscisic Acid Re-ceptors in Oryza sativa: An In-Silico Perspective on Comprehending Stress Tolerance Mechanisms	CURRENT GENOMICS	Article			Background: Abiotic stresses affect plants in several ways and as such, phytohormones such as abscisic acid (ABA) play an important role in conferring tolerance towards these stresses. Hence, to comprehend the role of ABA and its interaction with receptors of the plants, a thorough investigation is essential. Aim: The	[Niranjan, Vidya; Rao, Amulya; Janaki, B.; Uttarkar, Akshay; Setlur, Anagha S.; Chandrashekar, K.] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, India; [Udayakumar, M.] Univ Agr Sci, GKVK, Dept Crop Physiol, Bengaluru 560065, India	R.V. College of Engineering; University of Agricultural Sciences Bangalore	7	BENTHAM SCIENCE PUBL LTD	1389-2029		2021	22	8	http://dx.doi.org/10.2174/1389202923666211222161006

J	Bharathi, M; Amsaveni, A; Ravishankar, S		Bharathi, M.; Amsaveni, A.; Ravishankar, S.	Extraction of two wire Loop topology using Hybrid Single Ended Loop Testing	INFORMACIJE MIDEM-JOURNAL OF MICROELECTRONICS ELECTRONIC COMPONENTS AND MATERIALS	Article			Performance of the Digital Subscriber Line (DSL) depends on the line topology and the noise power spectral density (PSD). Single ended loop testing (SELT) is the preferred and economical method for identifying the loop topology. In this paper SELT based on a combination of Correlation Time Domain Reflectomet	[Bharathi, M.; Amsaveni, A.] Kumaraguru Coll Technol, Coimbatore, Tamil Nadu, India; [Ravishankar, S.] RV Coll Engn, Bangalore, Karnataka, India	Kumaraguru College of Technology; R.V. College of Engineering	0	SOC MICROELECTRONICS, ELECTRON COMPONENTS MATERIALS-MIDEM	0352-9045		2018	48	1	

J	Ravish, R; Rangaswamy, S; Arpitha, V; Vasuprada, U		Ravish, Roopa; Rangaswamy, Shanta; Arpitha, V; Vasuprada, U.	User preference-based intelligent road route recommendation using SARSA and dynamic programming	JOURNAL OF CONTROL AND DECISION	Article			Traffic congestion is one of the main challenges in transportation engineering. It directly impacts the economy by increasing travel time and affecting the environment by excessive fuel consumption and emission. Road route recommendation to overcome the congestion by alternative route suggestions	[Ravish, Roopa] PES Univ, Dept Comp Sci & Engn, Bengaluru, India; [Rangaswamy, Shanta] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bengaluru, India; [Arpitha, V; Vasuprada, U.] Rashtreeya Vidyalaya Coll Engn, Bengaluru, India	PES University; R.V. College of Engineering; R.V. College of Engineering	0	TAYLOR & FRANCIS LTD	2330-7706		2023	10	3	http://dx.doi.org/10.1080/23307706.2022.2096705

C	Shashank, BS; Kumar, KP; Nagaraja, PS		Shashank, B. S.; Kumar, K. Praveen; Nagaraja, P. S.	Fracture behavior study of self-healing bacterial concrete	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Sustainable Materials and Practices for Built Environment (SMPBE)	NOV 25-26, 2021	Presently, the construction sector expects quicker strength attainment in concrete so that the works can be finished on or before the schedule. This mandate is solved by high early strength cement and the usage of a low water/cement ratio. However, the above process results in a large amount of thermal and drying shrinkage	[Shashank, B. S.] Natl Inst Construct Management & Res, Sch Construct Management, Pune 411045, India; [Kumar, K. Praveen] RV Coll Engn, Dept Civil, Bengaluru 560059, India; [Nagaraja, P. S.] Univ Visvesvaraya Coll Engn, Dept Civil, Bengaluru 560056, India	R.V. College of Engineering	5	ELSEVIER	2214-7853		2022	60		http://dx.doi.org/10.1016/j.matpr.2021.12.520

C	Managuli, M; Deshpande, A		Managuli, Manjunath; Deshpande, Abhay	A role of e-nose system information gathering with smart phone	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	IEEE International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience and Nanotechnology (5NANO)	APR 29-30, 2021	This work deals with the design & development of E-nose method, information gathering like explosive chemical substance, gases in military region the devise of E-nose depends on the array of sensors connecting to the tracking in sequence on situational responsiveness considered directions & convert inspection associated	[Managuli, Manjunath] RV Coll Engn, Dept ECE, Bangalore, Karnataka, India; VTU Belagavi, Belagavi, Karnataka, India	R.V. College of Engineering; Visvesvaraya Technological University	0	ELSEVIER	2214-7853		2021	43		http://dx.doi.org/10.1016/j.matpr.2020.09.069

C	Vardhan, KSA; Jakaradi, M; Shobha, G; Shetty, J; Chala, A; Camper, D		Vardhan, K. S. Amogh; Jakaraddi, Manjunath; Shobha, G.; Shetty, Jyoti; Chala, Arjuna; Camper, Dan	Design and Development of IoT Plugin for HPCC Systems	2019 4TH IEEE INTERNATIONAL CONFERENCE ON BIG DATA ANALYTICS (ICBDA 2019)	Proceedings Paper	4th IEEE International Conference on Big Data Analytics (ICBDA)	MAR 15-18, 2019	HPCC Systems is an open source computing system platform which is very frequently used in the field of providing end-to-end big data solutions. Use of big data in IoT (Internet of things) is increasing as a lot of meaningful data can be analyzed and extracted from the data produced by the sensors. In the current HPCC	[Vardhan, K. S. Amogh; Jakaraddi, Manjunath; Shobha, G.; Shetty, Jyoti] RV Coll Engn, Comp Sci & Engn Dept, Bengaluru, India; [Chala, Arjuna; Camper, Dan] LexisNexis Risk Solut, Alpharetta, GA USA	R.V. College of Engineering; Reed Elsevier	1	IEEE		978-1-7281-1282-4	2019			http://dx.doi.org/10.1109/icbda.2019.8713225

J	Vishwas, M; Shamala, KS; Gandla, SB		Vishwas, M.; Shamala, K. S.; Gandla, Satheesh Babu	Comparison of optical properties of CdS thin films synthesized by spray pyrolysis and thermal evaporation method	JOURNAL OF OPTICS-INDIA	Article			Cadmium sulfide (CdS) thin films were deposited on glass and silicon (100) substrates by thermal evaporation method. The structure and microstructure of the CdS thin films were investigated by X-ray diffraction and scanning electron microscopy and Raman spectra. The optical properties were studied using transmittanc	[Vishwas, M.] Nrupathunga Univ, Dept Phys, Nrupathunga Rd, Bangalore 560001, Karnataka, India; [Shamala, K. S.] Mt Carmel Coll, Dept Phys, Bangalore 560052, Karnataka, India; [Gandla, Satheesh Babu] RV Coll Engn, Interdisciplinary Res Ctr, Bangalore 560059, Karnataka, India	R.V. College of Engineering	6	SPRINGER INDIA	0972-8821		2022	51	3	http://dx.doi.org/10.1007/s12596-022-00887-z

J	Kanumuri, C; Madhavi, CR; Ravichandra, T		Kanumuri, Chalapathiraju; Madhavi, CH. Renu; Ravichandra, Torthi	Novel Approach in Classification and Prediction of COVID-19 from Radiograph Images using CNN	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Effective screening and early detection of COVID-19 patients are highly crucial to slow down and stop the disease's rapid spread at this time. Currently, RT-PCR, CT scanning and Chest X-ray (CXR) imaging are the diagnosis mechanisms for COVID-19 detection. In this proposed work radiology examination by using	[Kanumuri, Chalapathiraju] SRKR Engineering Coll, Dept ECE, RKR Engn Coll Bhimavaram, Bangalore, India; [Madhavi, CH. Renu] RV Coll Engn Bangalore, Dept EIE, Bangalore, India; [Ravichandra, Torthi] Ellenki Coll Engn, Dept ECE, Hyderabad, India	R.V. College of Engineering	0	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2022	13	9	

J	Rajeev, R; Marathe, SD; Niranjan, V; Sharma, B; Sarojini, S		Rajeev, Rijo; Marathe, Shreedhanya D.; Niranjan, Vidya; Sharma, Bhavya; Sarojini, Suma	In silico Analysis of Stigmasterol from Saraca asoca as a Potential Therapeutic Drug Against Alzheimer's Disease	JOURNAL OF BIOLOGICALLY ACTIVE PRODUCTS FROM NATURE	Article			Improvements and advances in health care over the past few decades have increased life expectancy and quality of life. However, this has resulted in an increase in non-communicable diseases like dementia, Alzheimer's Disease (AD), etc. AD most commonly affects the older population, but recent studies reveal that it can also	[Rajeev, Rijo; Sharma, Bhavya] CHRIST Univ, Dept Chem, Bangalore 29, India; [Marathe, Shreedhanya D.; Niranjan, Vidya] RVCE, Dept Biotechnol, Mysuru Rd, Bengaluru 560059, India; [Sarojini, Suma] CHRIST Univ, Dept Life Sci, Bangalore 29, India	Christ University; R.V. College of Engineering; Christ University	3	TAYLOR & FRANCIS LTD	2231-1866		2021	11	5-6	http://dx.doi.org/10.1080/22311866.2021.1970021

J	Sridhar, A; Sharvani, GS; Reddy, AHM; Bhattacharjee, B; Nagaraj, K		Sridhar, Amulyashree; Sharvani, G. S.; Reddy, A. H. Manjunatha; Bhattacharjee, Biplab; Nagaraj, Kalyan	The Eminence of Co-Expressed Ties in Schizophrenia Network Communities	DATA	Article			Exploring gene networks is crucial for identifying significant biological interactions occurring in a disease condition. These interactions can be acknowledged by modeling the tie structure of networks. Such tie orientations are often detected within embedded community structures. However, most of the prevailing community detection modules are	[Sridhar, Amulyashree; Sharvani, G. S.; Nagaraj, Kalyan] RV Coll Engn, Dept Comp Sci & Engn, Bangalore 560059, Karnataka, India; [Reddy, A. H. Manjunatha] RV Coll Engn, Dept Biotechnol, Bangalore 560059, Karnataka, India; [Bhattacharjee, Biplab] Amrita Vishwa Vidyapeetham, Dept Management, Amritapuri 690525	R.V. College of Engineering; R.V. College of Engineering; Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Amritapuri	0	MDPI			2019	4	4	http://dx.doi.org/10.3390/data4040149

J	Supreeth, R; Arokkiaswamy, A; Raikar, NJ; Prajwal, HP		Supreeth, R.; Arokkiaswamy, A.; Raikar, Nagarjun J.; Prajwal, H. P.	Experimental Investigation of Performance of a Small Scale Horizontal Axis Wind Turbine Rotor Blade	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	Article			Analytically and experimentally evaluating the performance of a 2kW small scale horizontal axis wind turbine rotor blade has been presented by the authors. Initially, the performance of linearized blade is predicted theoretically at wind velocities ranging from V=1-20m/s and TSR=1-20. Further, appropriate scaling laws have	[Supreeth, R.; Arokkiaswamy, A.] Dayananda Sagar Coll Engn, Dept Aeronaut Engn, Bengaluru 560059, India; [Supreeth, R.; Raikar, Nagarjun J.; Prajwal, H. P.] Rashtreeya Vidyalaya Coll Engn, Dept Aerosp Engn, Mysore Rd, Bengaluru 560059, Karnataka, India	Dayananda Sagar College of Engineering; R.V. College of Engineering	3	INT JOURNAL RENEWABLE ENERGY RESEARCH			2019	9	4	

C	Geetha, V; Hariprasad, SA; Vanke, P	Hemanth, J; Fernando, X; Lafata, P; Baig, Z	Geetha, V; Hariprasad, S. A.; Vanke, Priyanka	Reputation Based Extensive Deep Packet Sc-Rutiny Algorithm for Detecting Selfish Nodes in MANETs	INTERNATIONAL CONFERENCE ON INTELLIGENT DATA COMMUNICATION TECHNOLOGIES AND INTERNET OF THINGS, ICICI 2018	Proceedings Paper	International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI)	AUG 07-08, 2018	A Wireless Mobile Ad-Hoc Network is a self-configured network with a spontaneous change in the network topology. Since the nodes are under mobility the routing topology adopts to the changes instantaneously. Routing security is the more challenging and nodes misbehavior attacks are likely to happen when using AODV protocol. Nodes tend	[Geetha, V] RVCE, Informat Sci & Engn, Bengaluru, India; [Hariprasad, S. A.] Jain Univ, Bengaluru, India; [Vanke, Priyanka] RVCE, Software Engn, Bengaluru, India	R.V. College of Engineering; Jain University; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-4512	978-3-030-03146-6; 978-3-030-03145-9	2019	26		http://dx.doi.org/10.1007/978-3-030-03146-6_177

J	Guduru, KK; Usha, J		Guduru, Kiran Kumar; Usha, J.	Reliable Session Initiation Protocol (RSIP) signaling with UDP transport using piggybacking method	TELECOMMUNICATION SYSTEMS	Article			Session Initiation Protocol is an IP based application level signaling protocol. SIP is used for locating end users, establishing, modifying and closing multimedia sessions between end users. SIP prefers UDP as transport protocol. Since UDP is not reliable, SIP enables reliability of requests through retransmissions. These retransmissions may result in	[Guduru, Kiran Kumar] Samsung Elect, Bangalore, Karnataka, India; [Usha, J.] RV Coll Engn, MCA, Bangalore, Karnataka, India	Samsung; R.V. College of Engineering	0	SPRINGER	1018-4864		2018	68	3	http://dx.doi.org/10.1007/s11235-017-0406-0

J	Supreeth, R; Arokkiaswamy, A; Anirudh, K; Pradyumna, RK; Pramod, PK; Sanarahamat, AK		Supreeth, R.; Arokkiaswamy, A.; Anirudh, K.; Pradyumna, R. K.; Pramod, P. K.; Sanarahamat, A. K.	Experimental and Numerical Investigation of the Influence of Leading Edge Tubercles on S823 Airfoil Behavior	JOURNAL OF APPLIED FLUID MECHANICS	Article			Investigating the role of leading edge tubercles on the aerodynamic behavior of S823 airfoil tailored for wind turbine applications has been the forefront of the study. The aerodynamic characteristics of S823 airfoil effectuated by leading edge tubercles are ascertained at Reynolds number Re=200000 which is the	[Supreeth, R.] Dayananda Sagar Coll Engn, Rashtreeya Vidyalaya Coll Engn, Dept Aeronaut Engn, Dept Aerosp Engn, Bengaluru 560059, Karnataka, India; [Arokkiaswamy, A.] Dayananda Sagar Coll Engn, Dept Aeronaut Engn, Bengaluru 560078, Karnataka, India; [Anirudh, K.; Pradyumna, R. K.; Pramod, P. K.	R.V. College of Engineering; Dayananda Sagar College of Engineering; Dayananda Sagar College of Engineering; R.V. College of Engineering	7	ISFAHAN UNIV TECHNOLOGY	1735-3572		2020	13	6	http://dx.doi.org/10.47176/jafm.13.06.31244

J	Hiremath, L; Kumar, SN; Gupta, PK; Srivastava, AK; Choudhary, S; Suresh, R; Keshamma, E		Hiremath, Lingayya; Kumar, Narendra S.; Gupta, Praveen Kumar; Srivastava, Ajeet Kumar; Choudhary, Shreya; Suresh, R.; Keshamma, E.	Synthesis, Characterization of TiO2 Doped Nanofibres and Investigation on their Antimicrobial Property	JOURNAL OF PURE AND APPLIED MICROBIOLOGY	Article			Contaminants in air and water contribute largely to the occurrence of a number of diseases and health problems. TiO2 has been used as a photo-catalyst in various fields such as water purification, air-filters, disinfection and sterilization. The present study is focused on the synthesis of TiO2 and TiO2 doped nanofibers to achieve highly	[Hiremath, Lingayya; Kumar, Narendra S.; Gupta, Praveen Kumar; Srivastava, Ajeet Kumar; Choudhary, Shreya] RV Coll Engn, Dept Biotechnol, Bangalore 560059, Karnataka, India; [Suresh, R.] RV Coll Engn, Dept Chem Engn, Bangalore 560059, Karnataka, India; [Keshamma, E.] Maharanis Sci Coll Women, Dept	R.V. College of Engineering; R.V. College of Engineering	4	DR M N KHAN	0973-7510		2019	13	4	http://dx.doi.org/10.22207/JPAM.13.4.25

J	Shubha, S; Meera, BN		Shubha, S.; Meera, B. N.	The Effect of Visual Representation in Developing Conceptual Understanding of Magnetic Force	JOURNAL OF FORMATIVE DESIGN IN LEARNING	Article			Science learning in general and physics learning in particular are far perceived to be complex. Various physics education researchers have substantiated that traditional teaching methods accomplish simple transmission of the physics concepts. Hence, for real learning, this necessitates interactive-engagement instruction	[Shubha, S.] Rashtreeya Vidyalaya Coll Engn, Dept Phys, Bangalore, Karnataka, India; [Meera, B. N.] Bangalore Univ, Dept Phys, Bangalore, Karnataka, India	R.V. College of Engineering; Bangalore University	1	SPRINGER INTERNATIONAL PUBLISHING AG			2019	3	1	http://dx.doi.org/10.1007/s41686-019-00031-4

C	Reddy, KSA; Kumar, KK; Kumar, KN; Bhavana, V; Krishnappa, HK		Reddy, K. Sai Asish; Kumar, K. Kalyan; Kumar, K. Naveen; Bhavana, V; Krishnappa, H. K.	Multimodal Medical Image Fusion Enhancement Technique for Clinical Diagnosis	PROCEEDINGS OF THE 2019 3RD INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2019)	Proceedings Paper	3rd International Conference on Computing Methodologies and Communication (ICCMC)	MAR 27-29, 2019	Image fusion is a process, which collects the important Information from several images and convert it into single image. Now a days image fusion plays a major role in medical image processing. There are many other transforms for the fusion depending on the fusion and input images. In this paper, we have adopted the combination	[Reddy, K. Sai Asish; Kumar, K. Kalyan; Kumar, K. Naveen; Bhavana, V] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Elect & Commun Engn, Bengaluru, India; [Krishnappa, H. K.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	1	IEEE		978-1-5386-7808-4	2019			http://dx.doi.org/10.1109/iccmc.2019.8819840

C	Sowmya, KB; Mathew, JA	Abraham, A; Dutta, P; Mandal, JK; Bhattacharya, A; Dutta, S	Sowmya, K. B.; Mathew, Jose Alex	Adept-Disseminated Arithmetic-Based Discrete Cosine Transform	EMERGING TECHNOLOGIES IN DATA MINING AND INFORMATION SECURITY, IEMIS 2018, VOL 1	Proceedings Paper	Springer International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS)	FEB 23-25, 2018	Disseminated arithmetic (DA) based construction of DCT for less circuit cost and less power consumption is presented here. Using disseminated arithmetic-less number of additions is used to the Discrete Cosine Transform by exploiting the time property of the DCT. The planned One-D DCT architecture is implemented on the	[Sowmya, K. B.] RV Coll Engn, Bengaluru 560059, Karnataka, India; [Mathew, Jose Alex] Srinivas Inst Technol, Mangaluru 574219, Karnataka, India	R.V. College of Engineering; Srinivas Group of Institutions	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-13-1951-8; 978-981-13-1950-1	2019	755		http://dx.doi.org/10.1007/978-981-13-1951-8_34

C	Hiremath, L; Kumar, SN; Sukanya, P		Hiremath, Lingayya; Kumar, Narendra S.; Sukanya, P.	Development of Antimicrobial Smart Textiles Fabricated with Magnetite Nano Particles Obtained Through Green Synthesis	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	There is an increasing need for antimicrobial materials in many application areas like medical devices, hospitals, dental surgery, health care and hygienic applications. The world market of textiles presently is becoming highly competitive as compared to that of the traditional textiles. Many technologies have been developed	[Hiremath, Lingayya; Kumar, Narendra S.] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, India; [Sukanya, P.] Himalaya Drug Co, Tumakuru Rd, Bengaluru 562162, India	R.V. College of Engineering; Himalaya Drug Company	11	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.496

C	Lathashree, H; Katte, NJM; Pooja, KP; Babu, BS; Bhargavi, K		Lathashree, H.; Katte, Niveditha J. Moka; Pooja, K. P.; Babu, B. Sathish; Bhargavi, K.	Multiple CAs based Framework with ANN for Load Balancing in Cloud Computing Environment	2018 4TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	Proceedings Paper	4th International Conference for Convergence in Technology (I2CT)	OCT 27-28, 2018	Cloud computing is a revolutionary paradigm that enables ubiquitous availability of a shared pool of resources. In this type of computing environment, balanced distribution of workload across all the resources is one of the major challenges. This paper proposes a framework for efficient load balancing in the cloud. The objective of the paper is	[Lathashree, H.; Katte, Niveditha J. Moka; Pooja, K. P.; Bhargavi, K.] Siddaganga Inst Technol, Dept Comp Sci & Engn, Tumakuru 572103, India; [Babu, B. Sathish] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, India	Siddaganga Institute of Technology; R.V. College of Engineering	0	IEEE		978-1-5386-5232-9	2018			

J	Andal, CK; Jayapal, R		Andal, C. Kothai; Jayapal, R.	Design and implementation of IoT based intelligent energy management controller for PV/wind/battery system with cost minimization	RENEWABLE ENERGY FOCUS	Article			Energy management is essential to maximizing the efficiency of power distribution in a distant hybrid renewable system (HRS) which consists of wind turbines, solar modules, the grid, and a battery storage device utilised as a backup supply. Due to their concern for the environment, these systems are	[Andal, C. Kothai; Jayapal, R.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, Karnataka, India; [Andal, C. Kothai] VTU, Belagavi, Karnataka, India	R.V. College of Engineering; Visvesvaraya Technological University	2	ELSEVIER	1755-0084		2022	43		http://dx.doi.org/10.1016/j.ref.2022.10.004

J	Swamy, SR; Altinkaya, S		Swamy, Sondekola Rudra; Altinkaya, Sahsene	Fekete-Szego functional for regular functions based on quasi-subordination	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS	Article			Considering two special families of regular functions in an open unit disk based on quasi-subordination, we present sharp bounds for initial coefficient estimates and also determine the classical functional of Fekete-Szego of functions in these families. Further, we discuss subordination and majorization results for the associated	[Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Altinkaya, Sahsene] Beykent Univ, Fac Arts Sci, Dept Math, TR-34500 Istanbul, Turkey	R.V. College of Engineering; Beykent University	0	SEMNAN UNIV	2008-6822		2022	13	2	http://dx.doi.org/10.22075/ijnaa.2021.23420.2537

C	Kumar, ARA; Hoovinalli, H; Salanke, GR		Kumar, A. R. Ashok; Hoovinalli, Harsha; Salanke, Girish Rao	Resolving Coverage and Interference conflicts in 5G	2021 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (IEEE ANTS)	Proceedings Paper	15th IEEE International Conference on Advanced Networks and Telecommunications Systems (IEEE ANTS)	DEC 13-16, 2021	With 5G targeting to achieve faster connectivity speed, ultra low latency and a greater bandwidth, complexities associated with 5G have also increased. These complexities include network densification, use of variety of node types, separation of control plane and data plane, use of multiple frequency bands, frequency reuse and many other	[Kumar, A. R. Ashok; Salanke, Girish Rao] Rashtreeya Vidyalaya Coll Engn, CS & E Dept, Bangalore, Karnataka, India; [Hoovinalli, Harsha] Cisco Syst India Private Ltd, Bangalore, Karnataka, India	R.V. College of Engineering; Cisco Systems Inc	0	IEEE	2329-7077	978-1-6654-4893-2	2021			http://dx.doi.org/10.1109/ANTS52808.2021.9937018

C	Rekha, BS; Srinivasan, GN; Reddy, SK; Kakwani, D; Bhattad, N	Smys, S; Tavares, JMRS; Balas, VE; Iliyasu, AM	Rekha, B. S.; Srinivasan, G. N.; Reddy, Sravan Kumar; Kakwani, Divyanshu; Bhattad, Niraj	Fish Detection and Classification Using Convolutional Neural Networks	COMPUTATIONAL VISION AND BIO-INSPIRED COMPUTING	Proceedings Paper	International Conference on Computational Vision and Bio-Inspired Computing (ICCVBIC)	SEP 25-26, 2019	About fifty percent of the world relies on seafood as main protein source. Due to this, the illegal and uncultured fishery activities are proving to be a threat to marine life. The paper discusses a novel technique that automatically detects and classifies various species of fishes such as dolphins, sharks etc. to help and protect endangered	[Rekha, B. S.] Bharathiar Univ, Coimbatore, Tamil Nadu, India; [Srinivasan, G. N.] RV Coll Engn, Dept Informat Sci & Engn, Bengaluru, India; [Reddy, Sravan Kumar; Kakwani, Divyanshu; Bhattad, Niraj] RV Coll Engn, Bengaluru, India	Bharathiar University; R.V. College of Engineering; R.V. College of Engineering	10	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-030-37218-7; 978-3-030-37217-0	2020	1108		http://dx.doi.org/10.1007/978-3-030-37218-7_128

J	Singh, R; Bodhe, AR; Kanuparthi, P; Anantha krishnan, A; Pitt, J		Singh, Rahul; Bodhe, Ankur Ravindra; Kanuparthi, Pranav; Ananthakrishnan, Aditya; Pitt, Jeremy	From Classification to Definition: The Changing Nature of Human Adjudication	IEEE TECHNOLOGY AND SOCIETY MAGAZINE	Article			It is a feature of social coordination to operate within a system of formalized rules and regulations [1]. The purpose may be to coordinate expectations through norms [2], through the use of language in the context of an institution (Speech Act theory [3]), or to voluntarily constrain behavior in order to resolve a collective action problem	[Singh, Rahul; Bodhe, Ankur Ravindra; Kanuparthi, Pranav; Ananthakrishnan, Aditya] RV Coll Engn, Bengaluru, India; [Pitt, Jeremy] Imperial Coll London, Intelligent & Self Organizing Syst, London, England	R.V. College of Engineering; Imperial College London	2	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	0278-0097		2019	38	4	http://dx.doi.org/10.1109/MTS.2019.2948441

C	Chandra, JN; Bhavana, V; Krishnappa, HK		Chandra, J. Naveen; Bhavana, V; Krishnappa, H. K.	Brain Tumor Detection using Threshold and Watershed Segmentation Techniques with Isotropic and Anisotropic Filters	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	Image processing is becoming a challenging field in various aspects like astrophysics, medical images, etc. Processing and extracting results from an MRI image is considered as challenging task in this field. This paper presents clear view of detecting the tumor in the brain using thresholding and watershed segmentation	[Chandra, J. Naveen; Bhavana, V] Amrita Vishwa Vidyapeetham, Dept Elect & Commun Engn, Amrita Sch Engn, Bengaluru, India; [Krishnappa, H. K.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	0	IEEE		978-1-5386-3521-6	2018			

J	Binu, D; Kariyappa, BS		Binu, D.; Kariyappa, B. S.	Rider-Deep-LSTM Network for Hybrid Distance Score-Based Fault Prediction in Analog Circuits	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	Article			Fault prediction in the analog circuits is a serious problem to be addressed on an immediate basis, as traditionally, the faults in the analog circuits are diagnosed only after their occurrence. Since the outcome of the faults creates highly expensive scenarios in case of the analog circuit industry, there is a need for an	[Binu, D.; Kariyappa, B. S.] VTU Univ, RV Coll Engn, Dept Elect & Commun Engn, Bengaluru 560059, India	Visvesvaraya Technological University; R.V. College of Engineering	38	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	0278-0046		2021	68	10	http://dx.doi.org/10.1109/TIE.2020.3028796

C	Kaur, G; Prakash, A; Rao, KU		Kaur, Gurpreet; Prakash, Anupama; Rao, K. Uma	Design and Implementation of Hybrid Micro-Grid in MATLAB for Fault Current Analysis in Different Modes of Micro-Grid Operations	2019 3RD INTERNATIONAL CONFERENCE ON RECENT DEVELOPMENTS IN CONTROL, AUTOMATION & POWER ENGINEERING (RDCAPE)	Proceedings Paper	3rd International Conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE)	OCT 10-11, 2019	A good protection system is a backbone of any grid. With the injection of distributed generators in the grid, the traditional protection system consisting of overcurrent relay is not sufficient to protect the system. It is therefore very important to understand the level of fault currents in the micro grids when they are connected to the grid	[Kaur, Gurpreet; Prakash, Anupama] Amity Univ, EEE Dept, Noida, UP, India; [Rao, K. Uma] RV Coll Engn, EEE Dept, Bengaluru, India	Amity University Noida; R.V. College of Engineering	1	IEEE		978-1-7281-2068-3	2019			http://dx.doi.org/10.1109/rdcape47089.2019.8979096

J	Rajeswari, M; Bhoomika, KN; Ruksar, H; Naveen, R; Vidyadhara, SR; Rao, NN; Sharma, A; Deepak, SM		Rajeswari, M.; Bhoomika, K. N.; Ruksar, Hifza; Naveen, R.; Vidyadhara, S. R.; Rao, Nagashree N.; Sharma, Ashwani; Deepak, S. M.	Design and Performance Assessment of Zinc Oxide-Chitosan Nanocomposite Filter for Continuous Removal of Textile Azo Dye	TOPICS IN CATALYSIS	Article			Providing a cost effective and efficient textile effluent treatment option is crucial to prevent the destruction of natural environment and meeting the demand of potable water. However, the present study embarks on the design and development of novel zinc oxide-chitosan nanocomposite filter for cost effective and	[Rajeswari, M.; Bhoomika, K. N.; Ruksar, Hifza; Naveen, R.; Vidyadhara, S. R.; Rao, Nagashree N.; Sharma, Ashwani] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, India; [Deepak, S. M.] PES Univ, Dept Mech Engn, Bengaluru 560085, India	R.V. College of Engineering; PES University	3	SPRINGER/PLENUM PUBLISHERS	1022-5528		2022	65	19-20	http://dx.doi.org/10.1007/s11244-022-01683-6

C	Supreeth, R; Arokkiaswamy, A; Hegde, KM; Srinath, P; Prajwal, HP; Sudhanva, M	Bavan, S; Sreenivasa, RM	Supreeth, R.; Arokkiaswamy, A.; Hegde, Kai Maitreya; Srinath, Pavan; Prajwal, H. P.; Sudhanva, M.	Analytical Evaluation of Performance of a Small Scale Horizontal Axis Wind Turbine Rotor Blade	ADVANCED TRENDS IN MECHANICAL AND AEROSPACE ENGINEERING (ATMA-2019)	Proceedings Paper	1st International Conference on Advanced Trends in Mechanical and Aerospace Engineering (ATMA)	NOV 07-09, 2019	Influence of downstream wake rotation., drag coefficient C-d and Prandtl's tip losses F-i on the geometry and performance of rotor blade for a 2kW horizontal axis small scale wind turbine has been analytically analyzed. The objectives of the study are accomplished through Blade Element Momentum theory (BEMT)	[Supreeth, R.; Arokkiaswamy, A.] Dayananda Sagar Coll Engn, Dept Aeronaut Engn, Bengaluru, Karnataka, India; [Supreeth, R.; Hegde, Kai Maitreya; Srinath, Pavan; Prajwal, H. P.; Sudhanva, M.] Rashtreeya Vidyalaya Coll Engn, Dept Aerosp Engn, Bengaluru, Karnataka, India	Dayananda Sagar College of Engineering; R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-4059-3	2021	2316		http://dx.doi.org/10.1063/5.0036766

J	Ravish, R; Rangaswamy, S		Ravish, Roopa; Rangaswamy, Shanta	Integrated mode of transport: a predictive model for route guidance	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	Article			Purpose The purpose of this study is to provide real-time route guidance within city to help commuters. Design/methodology/approach In urban areas to avoid road congestion and to reach the destination on time, intelligent transport system (ITS) utilizes recent advanced technology. To support this, existing route	[Ravish, Roopa] PES Univ, Dept Comp Sci & Engn, Bangalore, Karnataka, India; [Rangaswamy, Shanta] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bangalore, Karnataka, India	PES University; R.V. College of Engineering	3	EMERALD GROUP PUBLISHING LTD	2049-6427		2022	10	4	http://dx.doi.org/10.1108/IJIUS-09-2020-0040

J	Swamy, SR; Wanas, AK		Swamy, S. R.; Wanas, Abbas Kareem	A comprehensive family of bi-univalent functions defined by (m, n)-Lucas polynomials	BOLETIN DE LA SOCIEDAD MATEMATICA MEXICANA	Article			Making use of (m, n)-Lucas polynomials, we propose a comprehensive family of regular functions of the type g(z) = z + Sigma(infinity)(j=2) d(j)z(j) which are bi-univalent in the disc {z is an element of C : vertical bar z vertical bar<1}. We find estimates on the coefficients vertical bar d(2)vertical bar, vertical bar d(3)vertical bar and the	[Swamy, S. R.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Wanas, Abbas Kareem] Univ Al Qadisiyah, Coll Sci, Dept Math, Diwaniyah, Iraq	R.V. College of Engineering; University of Al-Qadisiyah	1	SPRINGER INT PUBL AG	1405-213X		2022	28	2	http://dx.doi.org/10.1007/s40590-022-00411-0

C	Roopa, J; Swathi, H; Geetha, KS; Satyanaryana, BS		Roopa, J.; Swathi, H.; Geetha, K. S.; Satyanaryana, B. S.	Modeling and simulation of triboelectric nanogenerator for energy harvesting using COMSOL Multiphysics® and optimization on thickness of flexible polymer	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Nanomaterials and Devices for Energy and Environment (ICAN)	JAN 27-29, 2019	The project involves the simulation of an organic/polymer-based Tribo-Electric Nano Generator (TENG), to generate electricity from the vast mechanical energy wasted in the form of friction from human footfalls. The energy conversion in the device is achieved by the triboelectric effect, which is the electrostatic effect	[Roopa, J.; Swathi, H.; Geetha, K. S.] RV Coll Engn, Dept Elect & Commun Engn, Bangalore 560059, Karnataka, India; [Satyanaryana, B. S.] CV Raman Global Univ, Bhubaneshwar, Bhubaneswar, India	R.V. College of Engineering	5	ELSEVIER	2214-7853		2022	48		http://dx.doi.org/10.1016/j.matpr.2021.10.128

C	Niranjan, PK	Kumar, BR; Ponnusamy, S; Giri, D; Thuraisingham, B; Clifton, CW; Carminati, B	Niranjan, P. K.	The Radio k-chromatic Number for the Corona of Arbitrary Graph and K1	MATHEMATICS AND COMPUTING, ICMC 2022	Proceedings Paper	International Conference on Mathematics and Computing (ICMC)	JAN 06-08, 2022	For k > 0, an integer, and a connected simple graph H, a radio k-coloring of H is a function h which assigns every vertex of H a non-negative integer so that for each duo of two separate vertices x and y of H, the absolute difference of color of the vertices is at least 1 + k - d(y, x). For a radio k-coloring h, the span rc(k)(h) of h is the	[Niranjan, P. K.] RV Coll Engn, Dept Math, Mysuru Rd, Bengaluru 560059, India	R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-1009	978-981-19-9309-1; 978-981-19-9307-7; 978-981-19-9306-0	2022	415		http://dx.doi.org/10.1007/978-981-19-9307-7_15

J	Channegowda, M		Channegowda, Manjunatha	Recent advances in environmentally benign hierarchical inorganic nano-adsorbents for the removal of poisonous metal ions in water: a review with mechanistic insight into toxicity and adsorption	NANOSCALE ADVANCES	Review			Recent developments in nanoscience and technology have addressed many of the problems associated with water quality. Accordingly, using the technological outputs of the recent research on nanomaterials, the best solution for the purification of water is highlighted in this review. Herein, the main objective is to provide mechanistic insight into	[Channegowda, Manjunatha] RV Coll Engn, Dept Chem, Bengaluru 560059, Karnataka, India; [Channegowda, Manjunatha] Visvesvaraya Technol Univ, Belagavi 590018, India	R.V. College of Engineering; Visvesvaraya Technological University	18	ROYAL SOC CHEMISTRY	2516-0230		2020	2	12	http://dx.doi.org/10.1039/d0na00650e

J	Vishnumurthy, KA; Kesavan, AV; Swathi, SK; Ramamurthy, PC		Vishnumurthy, K. A.; Kesavan, Arul Varman; Swathi, S. K.; Ramamurthy, Praveen C.	Low band gap thienothiophene-diketopyrrolopyrole copolymers with V2O5 as hole transport layer for photovoltaic application	OPTICAL MATERIALS	Article			The present article mainly focuses on the synthesis of copolymers alternating thienothiophene, diketopyrrolopyrrole based units with thiophene spacers were designed, synthesized and characterized. The synthesized polymers were characterized for thermal stability, structural and its photovoltaics properties. All the	[Vishnumurthy, K. A.] Rashtreeya Vidyalaya Coll Engn, Bengaluru 560059, India; [Kesavan, Arul Varman; Swathi, S. K.; Ramamurthy, Praveen C.] Indian Inst Sci, Dept Mat Engn, Bengaluru 560012, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	7	ELSEVIER	0925-3467		2020	109		http://dx.doi.org/10.1016/j.optmat.2020.110303

C	Malipatil, N; Avati, SI; Vinay, HN; Sunil, S	Mathew, TV; Joshi, GJ; Velaga, NR; Arkatkar, S	Malipatil, Naveen; Avati, Soumya Iswar; Vinay, Hosahally Nanjegowda; Sunil, S.	Application of Queuing Theory to a Toll Plaza-A Case Study	TRANSPORTATION RESEARCH	Proceedings Paper	4th Conference of the Transportation-Research-Group-of-India (CTRG)	DEC, 2017	Queuing areas are the junctions involving vehicles waiting in lines and are characterized by an arrival pattern, a service facility arranged in a particular manner and service time. Since the maximum capacity of roads and service facility (i.e. number of booths in case of tolls) are fixed for certain period (i.e. design	[Malipatil, Naveen; Avati, Soumya Iswar; Sunil, S.] Rashtreeya Vidyalaya Coll Engn, Dept Civil Engn, Bengaluru, India; [Vinay, Hosahally Nanjegowda] Adichunchanagiri Inst Technol, Dept Civil Engn, Chikkamagalur, India	R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2366-2557	978-981-32-9042-6; 978-981-32-9041-9	2020	45		http://dx.doi.org/10.1007/978-981-32-9042-6_27

C	Beeresha, RS; Khan, AM; Reddy, HVM		Beeresha, R. S.; Khan, A. M.; Reddy, Manjunatha H., V	The Design and EM-Simulation of Square Spiral Inductor Using Simple Equations	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 21-22, 2016	The RF/Microwave circuits are very much essential in communication and broadcasting fields. The important requirement of such a circuit is to be miniaturized and integrate planar passive components. The design of passive on chip capacitor and inductor are key components for RFIC/MMIC design technique such as	[Beeresha, R. S.; Khan, A. M.] Mangalore Univ, Dept Elect, Konaje, Karnataka, India; [Reddy, Manjunatha H., V] RV Coll Engn, Bangalore, Karnataka, India	Mangalore University; R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2018.05.074

J	Murthy, MAN; Sangwan, KS; Naraharai, NS		Murthy, M. A. Narasimha; Sangwan, Kuldip Singh; Narahari, N. S.	Tracing evolution of EFQM and its relationship with Industry 4.0	TOTAL QUALITY MANAGEMENT & BUSINESS EXCELLENCE	Article			EFQM is one of the popular business excellence modelling frameworks and is globally accepted in several countries to motivate organisations to formulate strategies for the continual improvement of organisational processes leading to excellence. This paper tracks the historical evolution of the EFQM model and dissects the model to its most	[Murthy, M. A. Narasimha] Birla Inst Technol & Sci BITS, Dept Mech Engn, Pilani, Rajasthan, India; [Sangwan, Kuldip Singh] Birla Inst Technol & Sci BITS, Dept Mech Engn, Workshop, Pilani, Rajasthan, India; [Narahari, N. S.] RV Coll Engn, Dept Ind Engn & Management, Bangalore, Karnataka, India	Birla Institute of Technology & Science Pilani (BITS Pilani); Birla Institute of Technology & Science Pilani (BITS Pilani); R.V. College of Engineering	14	ROUTLEDGE JOURNALS, TAYLOR & FRANCIS LTD	1478-3363		2022	33	15-16	http://dx.doi.org/10.1080/14783363.2021.1999802

J	Rohit, B; Reddy, SSR; Ghosh, S; Shakil, MAS		Rohit, B.; Reddy, S. S. R.; Ghosh, S.; Shakil, M. A. S.	Computations of Flow past the Corrugated Airfoil of Drosophila Melanogaster at Ultra Low Reynolds Number	JOURNAL OF APPLIED FLUID MECHANICS	Article			The study of corrugated wings has become acquainted in the field of insect flight in recent times. Recent studies on the aerodynamic effects of a corrugated wing are based on insects like the Dragonfly; whereas the likes of Fruitfly (Drosophila Melanogaster) usually go unobserved due to their smaller size	[Rohit, B.; Ghosh, S.] Rashtreeya Vidyalaya Coll Engn, Bengaluru, India; [Reddy, S. S. R.] Inst Ind Sci, Bengaluru, India; [Shakil, M. A. S.] Magellan Aerosp India Pvt Ltd, Bengaluru, India	R.V. College of Engineering	1	ISFAHAN UNIV TECHNOLOGY	1735-3572		2021	14	2	http://dx.doi.org/10.47176/jafm.14.02.31386

C	Kumar, ARA; Anusha, KL; Hegde, SG		Kumar, A. R. Ashok; Anusha, K. L.; Hegde, Shruti Ganapati	Packet scheduler for meeting deadline in 4-4, 1-4 architecture	2018 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (ANTS)	Proceedings Paper	12th IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS)	DEC 16-19, 2018	The distributed computing models such as MapReduce, Dryad, cluster based tile systems, query to web search engine, parallel scientific applications and many other are associated with problems such as incast congestion, queue buildup and memory pressure. These adversities hinders the flows to meet their associated	[Kumar, A. R. Ashok] Rashtreeya Vidhyalaya Coll Engn, CS&E Dept, Bangalore, Karnataka, India; [Anusha, K. L.] East West Inst Technol, CS&E Dept, Bangalore, Karnataka, India; [Hegde, Shruti Ganapati] Brindavan Coll Engn, CS&E Dept, Bangalore, Karnataka, India	R.V. College of Engineering	1	IEEE		978-1-5386-8134-3	2018			

C	Manujesh, BJ; Prajna, MR; Aan, MPS; Majida, CV		Manujesh, B. J.; Prajna, M. R.; Aan, Sham M. P.; Majida, C., V	Flexural Characterization of Foam Cored E-Glass Reinforced Smart Materials Using Artificial Neural Network	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	The work aims at the comparison of experimental and artificial neural network (ANN) results of smart structures (SWC's) comprising of three different densities of polyurethane foam (PUF) cored Vinyl ester (VE) SWC's. As the expected life span of the SWC's is not properly known yet, the long term durability	[Manujesh, B. J.] KVGCE, Dept Mech Engn, Sullia 574327, Karnataka, India; [Prajna, M. R.] KVGCE, Dept Comp Sci & Engn, Sullia 574327, Karnataka, India; [Aan, Sham M. P.] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Majida, C., V] KMCT Coll Engn, Dept Comp Sci & Engn, Kozhikode	R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.533

C	Sandeep, SR; Nandihalli, R	Kavitha, C; Kavitha, KS; Kumar, TS; Niranjan, SK	Sandeep, S. R.; Nandihalli, Rudranna	Control of Stand-alone Hybrid Renewable Energy Generation System Using Fuzzy Controller	PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON GREEN COMPUTING AND INTERNET OF THINGS (ICGCIOT 2018)	Proceedings Paper	2nd IEEE International Conference on Green Computing and Internet of Things (ICGCIoT)	AUG 16-18, 2018	The paper proposes a novel method for fulfilling the load demands using the two renewable generation system such as wind and solar. The fuzzy logic controller is used to control the generation of the generating station. The power reference of each renewable source is calculated and provided to the fuzzy controller; it generates the control	[Sandeep, S. R.] SJBIT, Dept EEE, Bengaluru, Karnataka, India; [Nandihalli, Rudranna] RVCE, Dept EEE, Bengaluru, Karnataka, India	SJB Institute of Technology; R.V. College of Engineering	1	IEEE		978-1-5386-5657-0	2018			

J	Kumar, K; Shinde, A; Aeron, V; Verma, A; Arif, NS		Kumar, Kundan; Shinde, Akshay; Aeron, Varad; Verma, Aanchal; Arif, Naseera Sayed	Genetic engineering of plants for phytoremediation: advances and challenges	JOURNAL OF PLANT BIOCHEMISTRY AND BIOTECHNOLOGY	Review			Heavy metal and metalloid contamination of the environment due to natural processes, industrialization, and anthropogenic activities pose a serious problem, threatening the health of millions of people exposed to drinking water and crop plants grown in contaminated areas. The traditional remediation method often includes the removal of pollutants	[Kumar, Kundan; Shinde, Akshay; Aeron, Varad; Verma, Aanchal] Birla Inst Technol & Sci Pilani, Dept Biol Sci, KK Birla Goa Campus, Sancoale 403726, Goa, India; [Arif, Naseera Sayed] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, Karnataka, India	Birla Institute of Technology & Science Pilani (BITS Pilani); R.V. College of Engineering	11	SPRINGER INDIA	0971-7811		2023	32	1	http://dx.doi.org/10.1007/s13562-022-00776-3

J	Sandeep, SR; Nandihalli, R		Sandeep, S. R.; Nandihalli, Rudranna	Optimal Sizing in Hybrid Renewable Energy System with the Aid of Opposition Based Social Spider Optimization	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	Article			Rely on fossil fuels for several decades deplete the source and pollute environment drastically, these significant impact contemplates and urge seeking alternate energy. Renewable energy plays a vital role in compensating power demands and ecofriendly source of alternate energies. Despite, individual standalone source of renewable	[Sandeep, S. R.] Visvesvaraya Technol Univ, Dept Elect & Elect Engn, Belagavi 590018, Karnataka, India; [Nandihalli, Rudranna] RV Coll Engn, Dept Elect & Elect Engn, Bangalore 560059, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering	9	SPRINGER SINGAPORE PTE LTD	1975-0102		2020	15	1	http://dx.doi.org/10.1007/s42835-019-00184-z

C	Arvind, CS; Prajwal, R; Bhat, PN; Sreedevi, A; Prabhudeva, KN		Arvind, C. S.; Prajwal, R.; Bhat, Prithvi Narayana; Sreedevi, A.; Prabhudeva, K. N.	Fish Detection and Tracking in Pisciculture Environment using Deep Instance Segmentation	PROCEEDINGS OF THE 2019 IEEE REGION 10 CONFERENCE (TENCON 2019): TECHNOLOGY, KNOWLEDGE, AND SOCIETY	Proceedings Paper	IEEE Region 10 Conference on Technology, Knowledge, and Society (TENCON)	OCT 17-20, 2019	This study presents a novel approach in detecting and tracking of fish in pisciculture. Pisciculture in general involves challenging tasks of counting and monitoring fish in natural or nature like, man-made habitats such as inland fisheries for breeding, feeding and sorting purposes. These are presently achieved using	[Arvind, C. S.; Prajwal, R.; Bhat, Prithvi Narayana; Sreedevi, A.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, India; [Prabhudeva, K. N.] Anim & Fisheries Sci Univ, Karnataka Vet, Bidar, India	R.V. College of Engineering; West Bengal University of Animal & Fishery Sciences	16	IEEE	2159-3442	978-1-7281-1895-6	2019			http://dx.doi.org/10.1109/tencon.2019.8929613

C	Ravish, R; Nadagouda, P; Hombal, K; Ramkumar, L; Nayak, P; Shah, P; Jayakumar, R; Suresh, P; Rangaswamy, S		Ravish, Roopa; Nadagouda, Prajwal; Hombal, Kiran; Ramkumar, Lavanya; Nayak, Priya; Shah, Preet; Jayakumar, Rakshith; Suresh, Pragnya; Rangaswamy, Shanta	IoT Based Road Travel Time Detection	2018 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	Proceedings Paper	7th International Conference on Computing, Communications and Informatics (ICACCI)	SEP 19-22, 2018	Traffic congestion is not uniform across the metropolitan cities like Bengaluru, in India. Road travel time becomes unpredictable many a times. In this aspect, several prediction models have been built. All these models require data on a daily basis for training. IoT based model to collect the input data using sensors can be the best	[Ravish, Roopa; Nadagouda, Prajwal; Hombal, Kiran; Ramkumar, Lavanya; Nayak, Priya; Shah, Preet; Jayakumar, Rakshith; Suresh, Pragnya] PES Univ, Dept CSE, Bengaluru, India; [Rangaswamy, Shanta] Rashtreeya Vidyalaya Coll Engn, Dept CSE, Bengaluru, India	PES University; R.V. College of Engineering	0	IEEE		978-1-5386-5314-2	2018			

C	Suresh, A; Reddy, BN; Nandi, S		Suresh, Arjun; Reddy, Bhargava N.; Nandi, Somesh	Framework for Cloud based Open Source VLSI Design	2020 5TH IEEE INTERNATIONAL CONFERENCE ON RECENT TRENDS ON ELECTRONICS, INFORMATION, COMMUNICATION & TECHNOLOGY (RTEICT-2020)	Proceedings Paper	5th IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology (RTEICT)	NOV 12-13, 2020	VLSI design is an important process towards continued development in hardware technology. Adoption of open source technology for VLSI design is generating huge interest among research communities. Open source platforms provide inherent advantages of lower cost, scaled up development and enhanced collaborativ	[Suresh, Arjun] RV Coll Engn, Dept E & IE, Bengaluru, India; [Reddy, Bhargava N.] PES Univ, Dept CSE, Bengaluru, India; [Nandi, Somesh] RV Coll Engn, Cisco CoE IoT, Bengaluru, India	R.V. College of Engineering; PES University; R.V. College of Engineering	0	IEEE		978-1-7281-9772-2	2020			http://dx.doi.org/10.1109/RTEICT49044.2020.9315624

J	Pailoor, S; Murthy, HNN; Hadimani, P; Sreenivasa, TN		Pailoor, Sandhyarani; Murthy, H. N. Narasimha; Hadimani, Prakash; Sreenivasa, T. N.	Effect of chopped/continuous fiber, coupling agent and fiber ratio on the mechanical properties of injection-molded jute/polypropylene composites	JOURNAL OF NATURAL FIBERS	Article			This paper presents the development of jute/polypropylene (PP) composites by twin-screw extrusion and injection molding. Jute/PP was compounded using twin-screw extruder and injection molded. The effects of chopped/continuous fibers, coupling agent and fiber ratio on mechanical properties were investigated	[Pailoor, Sandhyarani; Sreenivasa, T. N.] AMC Engn Coll, Dept Mech Engn, Bangalore, Karnataka, India; [Murthy, H. N. Narasimha] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India; [Hadimani, Prakash] Steer Engn, Res & Applicat Dept, Bangalore, Karnataka, India	R.V. College of Engineering	10	TAYLOR & FRANCIS INC	1544-0478		2019	16	1	http://dx.doi.org/10.1080/15440478.2017.1410510

C	Ravikumar, CP; Swamy, SK; Uma, BV		Ravikumar, C. P.; Swamy, S. Kendaganna; Uma, B., V	A hierarchical approach to self-test, fault-tolerance and routing security in a Network-on-Chip	2019 IEEE INTERNATIONAL TEST CONFERENCE INDIA (ITC INDIA)	Proceedings Paper	IEEE International Test Conference India (ITC India)	JUL 21-23, 2019	Since the performance of bus interconnects does not scale with the number of processors connected to the bus, chip multiprocessors make use of on-chip networks that implement packet switching and virtual channel flow control to efficiently transport data. In this paper, we consider the test and fault-tolerance aspects of	[Ravikumar, C. P.] Texas Instruments Inc, Bagmane Tech Pk,CV Raman Nagar, Bangalore, Karnataka, India; [Swamy, S. Kendaganna] RV Coll Engn, Dept Elect & Instrumentat, Bangalore, Karnataka, India; [Uma, B., V] RV Coll Engn, Dept Elect & Commun, Bangalore, Karnataka, India	Texas Instruments; R.V. College of Engineering; R.V. College of Engineering	3	IEEE		978-1-7281-0573-4	2019			http://dx.doi.org/10.1109/itcindia46717.2019.8979997

C	Ravish, R; Gupta, VR; Nagesh, KJ; Karnam, A; Rangaswamy, S		Ravish, Roopa; Gupta, Varun R.; Nagesh, K. J.; Karnam, Amruth; Rangaswamy, Shanta	Software Implementation of an Automatic Movable Road Barrier	2019 IEEE 53RD INTERNATIONAL CARNAHAN CONFERENCE ON SECURITY TECHNOLOGY (ICCST 2019)	Proceedings Paper	53rd IEEE International Carnahan Conference on Security Technology (ICCST)	OCT 01-03, 2019	One of the most commonly used solution to control the traffic in most of the cities is the road divider system. It divides the roads into equal parts/sides, one for incoming traffic and other for outgoing traffic. There may be many such lanes on each side of the road. The idea of equal road division for both sides in all time may cause inconvenien	[Ravish, Roopa; Gupta, Varun R.; Nagesh, K. J.; Karnam, Amruth] Peoples Educ Soc Univ, Dept Comp Sci & Engn, Bangalore, Karnataka, India; [Rangaswamy, Shanta] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bangalore, Karnataka, India	PES University; R.V. College of Engineering	0	IEEE	1071-6572	978-1-7281-1576-4	2019			

C	Roopa, J; Geetha, KS; Satyana rayana, BS		Roopa, J.; Geetha, K. S.; Satyanara yana, B. S.	Fabrication of polymer based flexible sensors for EoG and EMG applications	MATERIA LS TODAY-PROCEED INGS	Proceedings Paper	International Conference on Advances in Nanomateri als and Devices for Energy and Environmen t (ICAN)	JAN 27-29, 2019	Range of materials from polymeric to inorganic materials encompasse s a wide array of performance benchmarks as reported in the International Roadmap for Devices and Systems (IRDS) in the field of Large Area and Flexible Electronics for market greater than $100 Billion. It is these benchmarks of device characteristi cs	[Roopa, J.; Geetha, K. S.] RV Coll Engn, Mysore Rd, Bengaluru 560059, India; [Satyanaray ana, B. S.] BML Munjal, Gurgaon, Haryana, India	R.V. College of Enginee ring; BML Munjal Universi ty	4	ELSEVI ER	2214-7853		2022	48		http://dx .doi.org/ 10.1016/ j.matpr.2 021.09.1 29

J	Reddy, MKTR; Srihari, PV; Sahas; Krupashankara, MS		Reddy, M. K. Thinakallu Ramakrishna; Srihari, P., V; Sahas; Krupashankara, M. S.	Experimental studies of W-Al2O3 composite thin films for solar absorptance	INDIAN JOURNAL OF PHYSICS	Article			Solar energy has environmental benefits by reducing the pollution and global warming resulting in cleaner water and air. One of the key factors is the absorber surface for entrapping the solar energy that is receiving from solar spectrum under the wavelength range of 250-2500 nm. Generally, absorber surfaces are made of thin films	[Reddy, M. K. Thinakallu Ramakrishna; Srihari, P., V; Sahas] RV Coll Engn, Dept Mech Engn, Bengaluru, India; [Krupashankara, M. S.] Goa Coll Engn, Ponda, Goa, India	R.V. College of Engineering; Goa College Of Engineering	0	INDIAN ASSOC CULTIVATION SCIENCE	0973-1458		2021	95	11	http://dx.doi.org/10.1007/s12648-020-01911-3

J	Varma, DR; Ponnaganti, S; Dandu, RV		Varma, Dandu R.; Ponnaganti, Sandeep; Dandu, Rithika V.	Beware of artifacts in orbital magnetic resonance imaging	INDIAN JOURNAL OF OPHTHALMOLOGY	Editorial Material				[Varma, Dandu R.] Citi Neuro Ctr, Hyderabad, Telangana, India; [Ponnaganti, Sandeep] Citi Neuro Ctr, Neuroradiol, Hyderabad, Telangana, India; [Dandu, Rithika V.] RV Coll Engn, Dept Elect & Commun Engn, Bangalore, Karnataka, India	R.V. College of Engineering	5	WOLTERS KLUWER MEDKNOW PUBLICATIONS	0301-4738		2020	68	11	http://dx.doi.org/10.4103/ijo.IJO_640_20

C	Balaji, V; Sadashivappa, G		Balaji, V; Sadashivappa, G.	Waveform Analysis and. Feature Extraction from speech data of dysarthric persons	2019 6TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND INTEGRATED NETWORKS (SPIN)	Proceedings Paper	6th International Conference on Signal Processing and Integrated Networks (SPIN)	MAR 07-08, 2019	Speech recognition systems provide a natural way of interacting with computers and serve as an alternative to the more popular but less intuitive peripherals (input / output devices). Tools employing the techniques of Automatic Speech Recognition (ASR) can be extended to serve people with speech disabilities	[Balaji, V] Christ Deemed Be Univ, Dept Comp Sci, Bangalore, Karnataka, India; [Sadashivappa, G.] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India	Christ University; R.V. College of Engineering	2	IEEE		978-1-7281-1380-7	2019			

J	Swamy, SR; Yalçin, S		Swamy, S. R.; Yalcin, S.	COEFFICIENT BOUNDS FOR REGULAR AND BI-UNIVALENT FUNCTIONS LINKED WITH GEGENBAUER POLYNOMIALS	PROBLEMY ANALIZA-ISSUES OF ANALYSIS	Article			The main goal of the paper is to initiate and explore two sets of regular and bi-univalent (or bi-Schlicht) functions in D = {z is an element of C : vertical bar z vertical bar < 1} linked with Gegenbauer polynomials. We investigate certain coefficient bounds for functions in these families. Continuing the study on the initial coefficients of these	[Swamy, S. R.] RV Coll Engn, Bengaluru 560059, Karnataka, India; [Yalcin, S.] Bursa Uludag Univ, TR-16059 Bursa, Turkey	R.V. College of Engineering; Uludag University	1	PETROZAVODSK STATE UNIV	2306-3424		2022	11	1	http://dx.doi.org/10.15393/j3.art.2022.10351

J	Shinde, AS; Mahendra, BM; Nejakar, S; Herur, SM; Bhat, N		Shinde, Ashwini S.; Mahendra, B. M.; Nejakar, Santosh; Herur, Santosh M.; Bhat, Nagaraj	Performance analysis of machine learning algorithm of detection and classification of brain tumor using computer vision	ADVANCES IN ENGINEERING SOFTWARE	Article			Brain tumor is one of the undesirables, uncontrolled growth of cells in all age groups. Classification of tumors depends no its origin and degree of its aggressiveness, it also helps the physician for proper diagnosis and treatment plan. This research demonstrates the analysis of various state-of-art techniques in Machine Learning such as	[Shinde, Ashwini S.] Nutan Coll Engn & Res, Dept CSE AI, Pune, Maharashtra, India; [Mahendra, B. M.; Bhat, Nagaraj] RVCE, Dept ECE, Bengaluru, Karnataka, India; [Nejakar, Santosh] JIT, Dept Elect Engn, Davangere, Karnataka, India; [Herur, Santosh M.] JIT, Dept ECE, Davangere, Karnataka, India	R.V. College of Engineering	6	ELSEVIER SCI LTD	0965-9978		2022	173		http://dx.doi.org/10.1016/j.advengsoft.2022.103221

J	Ranganayakulu, J; Srihari, PV; Rao, KV		Ranganayakulu, Jinka; Srihari, P., V; Rao, K. Venkata	An Optimization Strategy to Improve Performance in Electrochemical Discharge Machining of Borosilicate Glass Using Graph Theory Algorithm and Desirability Index	SILICON	Article			Electrochemical discharge machining (ECDM) a combined version of electrical discharge machining (EDM) and electrochemical machining (ECM), is an emerging alternative method to shape low machinability material like borosilicate glass. Since the material removal rate (MRR) decreases with the machining depth due to insufficient	[Ranganayakulu, Jinka; Srihari, P., V] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Rao, K. Venkata] Vignans Fdn Sci Technol & Res, Dept Mech Engn, Vadlamudi 522213, India	R.V. College of Engineering; Vignan's Foundation for Science, Technology & Research (VFSTR)	9	SPRINGER	1876-990X		2022	14	10	http://dx.doi.org/10.1007/s12633-021-01317-8

C	Mishra, H; Jayanth, S; Chala, A; Camper, D; Shobha, G; Shetty, J		Mishra, Harsh; Jayanth, S.; Chala, Arjuna; Camper, Dan; Shobha, G.; Shetty, Jyoti	Data Skew Profiling using HPCC Systems	2019 INTERNATIONAL CONFERENCE ON BIG DATA AND EDUCATION (ICBDE 2019)	Proceedings Paper	International Conference on Big Data and Education (ICBDE)	MAR 30-APR 01, 2019	Over the last few decades, there has been a tremendous increase in the volume of data available for analysis in various domains. Although processing power has scaled up as well, it is well known that the rate of increase of data far supersedes the higher processing capabilities of modern processors. The natural consequence to the advent of big data was	[Mishra, Harsh; Jayanth, S.; Shobha, G.; Shetty, Jyoti] RVCE, Bengaluru, India; [Chala, Arjuna; Camper, Dan] LexisNexis Risk Solut, Alpharetta, GA USA	R.V. College of Engineering; Reed Elsevier	0	ASSOC COMPUTING MACHINERY		978-1-4503-6186-6	2019			http://dx.doi.org/10.1145/3322134.3322142

C	Vishwas, M; Babu, KRV; Gowda, KVA; Gandla, SB		Vishwas, M.; Babu, K. R. Venkatesha; Gowda, K. V. Arjuna; Gandla, Satheesh Babu	Synthesis, characterization and photo-catalytic activity of magnetic CoFe2O4 nanoparticles prepared by temperature controlled co-precipitation method	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials (ICAM)	FEB 11-12, 2022	Cobalt ferrite (CoFe2O4) nano-particles were synthesized by temperature controlled co-precipitation method using cobalt chloride and iron chloride as the precursor materials. CoFe2O4 nanoparticles as prepared were annealed at 500 degrees C for 4 hrs and then subjected to structural and microstructural	[Vishwas, M.; Babu, K. R. Venkatesha] Nrupathunga Univ, Sch Phys Sci, Nrupathunga Rd, Bangalore 560001, India; [Gowda, K. V. Arjuna] Govt First Grade Coll, Dept Phys, Hoskote 562114, India; [Gandla, Satheesh Babu] RV Coll Engn, Interdisciplinary Res Ctr, Bangalore 560059, India	R.V. College of Engineering	2	ELSEVIER	2214-7853		2022	68		http://dx.doi.org/10.1016/j.matpr.2022.07.429

J	Mahesh, S; Marco, S; Sharma, RS; Praveen kumar, MK; Wadagavi, V; Subbarao, L		Mahesh, S.; Marco, Schiffel; Sharma, Ramesh S.; Praveenkumar, M. K.; Wadagavi, Vishal; Subbarao, Lakshminarasimhan	A machine learning approach to predict the stress results of quadratic tetrahedral elements	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	Article			Industries are always looking for an effective and efficient way to reduce the computation time of simulation because of the huge expenditure involved. From basics of Finite Element Method (FEM), it is known that, linear order finite elements consume less computation time and are less accurate compared to higher order finite elements	[Mahesh, S.; Sharma, Ramesh S.] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India; [Marco, Schiffel] Robert Bosch Automot Steering, Schwabisch Gmund, Germany; [Praveenkumar, M. K.; Wadagavi, Vishal; Subbarao, Lakshminarasimhan] Robert Bosch Engn & Business Solut Pvt Ltd, Bangalore, Karnataka	R.V. College of Engineering	1	SAGE PUBLICATIONS LTD	0954-4062		2022	236	2	http://dx.doi.org/10.1177/09544062211010828

J	Ravish, R; Swamy, SR		Ravish, Roopa; Swamy, Shanta Ranga	INTELLIGENT TRAFFIC MANAGEMENT: A REVIEW OF CHALLENGES, SOLUTIONS, AND FUTURE PERSPECTIVES	TRANSPORT AND TELECOMMUNICATION JOURNAL	Review			Recent years have witnessed a colossal increase of vehicles on the roads; unfortunately, the infrastructure of roads and traffic systems has not kept pace with this growth, resulting in inefficient traffic management. Owing to this imbalance, traffic jams on roads, congestions, and pollution have shown a marked increase. The management of growing	[Ravish, Roopa] PES Univ, Dept Comp Sci & Engn, Bangalore, Karnataka, India; [Swamy, Shanta Ranga] Rashtreeya Vidyalaya Coll Engn, Dept Comp Sci & Engn, Bangalore, Karnataka, India	PES University; R.V. College of Engineering	6	SCIENDO	1407-6160		2021	22	2	http://dx.doi.org/10.2478/ttj-2021-0013

C	Noolvi, B; Nagaraj, S		Noolvi, Basavaraj; Nagaraj, Shanmukha	Modal analysis of smart composite cantilever beams	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	1st International Conference on Advanced Lightweight Materials and Structures (ICALMS)	MAR 06-07, 2020	This work presents modal analysis of a Smart hybrid composite beam (SHCB) in cantilever configuration, constituted of LY551 resin by enclosed shape memory alloy (SMA) wires amidst layers of 0/90 glass fibers. The overall properties of the SHCB are estimated using method of mixtures, and the	[Noolvi, Basavaraj] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Mech Engn, Bengaluru, India; [Nagaraj, Shanmukha] RV Coll Engn, Dept Mech Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	3	ELSEVIER	2214-7853		2020	27		http://dx.doi.org/10.1016/j.matpr.2020.03.643

C	Kumar, HKD; Pandith, TSR; Rangan ayakulu, J; Murthy, HNN; Srihari, PV; Rao, KV; Kumar, KN		Kumar, Darshan H. K.; Pandith, Rakesh T. S.; Ranganay akulu, Jinka; Murthy, H. N. Narashim ha; Srihari, P. V.; Rao, K. Venkata; Kumar, Koti Naveen	Experimenta l Investigatio ns on the Influence of Mixing Chamber Design in Micro - Abrasive Jet Machining of Borosilicate Glass	MATERIA LS TODAY-PROCEED INGS	Proceedings Paper	International Conference on Advances in Materials and Manufacturi ng Applications (IConAMM A)	AUG 17-19, 2017	Borosilicate glass finds applications in micro-fluidic devices, micro-electro mechanical devices (MEMS) due to its biocompatib ility, optical transparency and anodic bonding capability with silicon wafer. Abrasive jet machining (AJM) is a potential process to machine low machinabilit y brittle materials like borosilicate glass and ceramics	[Kumar, Darshan H. K.; Pandith, Rakesh T. S.; Ranganayak ulu, Jinka; Murthy, H. N. Narashimha; Srihari, P. V.; Kumar, Koti Naveen] RV Coll Engn, Mysuru Rd, Bengaluru 560059, Karnataka, India; [Rao, K. Venkata] Vignan Univ, Sch Mech Engn, Guntur, Andhra Pradesh, India	R.V. College of Enginee ring; Vignan's Foundati on for Science, Technol ogy & Researc h (VFSTR)	1	ELSEVI ER SCIEN CE BV	2214-7853		2018	5	11	

C	Rajanish, M; Nanjundaradhya, NV; Sharma, RS; Shivananda, HK; Hegde, A; Darshan, RS		Rajanish, M.; Nanjundaradhya, N. V.; Sharma, Ramesh S.; Shivananda, H. K.; Hegde, Alok; Darshan, R. S.	Longitudinal and transverse compressive properties of alumina nanoparticles filled epoxy/unidirectional glass fiber composite laminate under in-plane loading	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	In this work, alumina nanoparticles at various concentrations were used to modify the epoxy system to develop the composites along with unidirectional (UD) glass-fibers. In order to understand the influence of alumina nanoparticles over the directional compressive properties, tests were performed along longitudinal and transverse directions	[Rajanish, M.; Nanjundaradhya, N. V.; Sharma, Ramesh S.] RVCE, Dept Mech Engn, Res Ctr, Bengaluru 560059, India; [Shivananda, H. K.] UVCE, Dept Mech Engn, Res Ctr, Bengaluru 560001, India; [Hegde, Alok; Darshan, R. S.] Dayananda Sagar ATM, Dept Mech Engn, Bengaluru 560082, India	R.V. College of Engineering	3	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2018.01.087

J	Kaur, G; Prakash, A; Rao, KU		Kaur, Gurpreet; Prakash, Anupama; Rao, K. Uma	A critical review of Microgrid adaptive protection techniques with distributed generation	RENEWABLE ENERGY FOCUS	Review			The main technical challenges in the emerging concept of the micro-grid (MG) and integration of sustainable energy resources in the Distribution System (DS) is the low fault current phenomena in the islanded mode of the MG operation and change in the network topologies with frequent DG connection	[Kaur, Gurpreet; Prakash, Anupama] Amity Univ, EEE Dept, Noida, Uttar Pradesh, India; [Rao, K. Uma] RV Coll Engn, EEE Dept, Bangalore, Karnataka, India	Amity University Noida; R.V. College of Engineering	9	ELSEVIER	1755-0084		2021	39		http://dx.doi.org/10.1016/j.ref.2021.07.005

J	Jayalatha, G; Muchikel, N		Jayalatha, Gopal; Muchikel, Nivya	Modulated gravity effects on nonlinear convection in viscoelastic ferromagnetic fluids between two horizontal parallel plates	HEAT TRANSFER	Article			In this study, the analysis of nonlinear stability with viscoelastic ferromagnetic fluids as working media is performed by finite-amplitude perturbations. The solution of the resulting nonautonomous system of the Lorenz model (generalized Khayat-Lorenz model of four modes) is obtained numerically to measure the amount of heat	[Jayalatha, Gopal; Muchikel, Nivya] RV Coll Engn, Dept Math, RV Vidyaniketan Post,8th Mile,Mysuru Rd, Bengaluru 560059, Karnataka, India	R.V. College of Engineering	1	WILEY	2688-4534		2021	50	5	http://dx.doi.org/10.1002/htj.22077

C	Mudali, P; Roopa, J; Raju, MG; Yadav, A	Das, AK; Nayak, J; Naik, B; Dutta, S; Pelusi, D	Mudali, Prateek; Roopa, J.; Raju, M. Govinda; Yadav, Akhilesh	Analysis of Parallel M5P and Random Forest Regression for Visualization of Traffic Behavior	COMPUTATIONAL INTELLIGENCE IN PATTERN RECOGNITION, CIPR 2020	Proceedings Paper	2nd International Conference on Computational Intelligence in Pattern Recognition (CIPR)	JAN 04-05, 2020	Traffic data collection and information extraction have been a wide area of study for various objectives. One such objective is to predict the nature of traffic in a particular road region followed by its visualization. The primary objective of this paper is to analyze the traffic big data using two comparative parallel algorithms of M5P rules and random	[Mudali, Prateek; Roopa, J.; Raju, M. Govinda] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, Karnataka, India; [Yadav, Akhilesh] Aptus Data Lab, Bengaluru 560103, Karnataka, India	R.V. College of Engineering	1	SPRINGER-VERLAG SINGAPORE PTE LTD	2194-5357	978-981-15-2449-3; 978-981-15-2448-6	2020	1120		http://dx.doi.org/10.1007/978-981-15-2449-3_19

J	Sunitha, R; Chandu, SSS; Sreedevi, A		Sunitha, Ramachandran; Chandu, Suma Sri Sravya; Sreedevi, Asundi	Analysis of the dynamics of the olfactory evoked EEG responses generated by the brain and e-nose under natural and synthetic odorant stimulations	INTERNATIONAL JOURNAL OF COMPUTATIONAL SCIENCE AND ENGINEERING	Article			Aroma and taste have a disproportionately strong effect on the human brain in comparison to the other senses, however this effect is mostly unappreciated. The capacity for olfaction to perceive, identify, and distinguish a vast number of chemicals present in the air is the consequence of complicated interactions between	[Sunitha, Ramachandran; Chandu, Suma Sri Sravya] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Elect & Commun Engn, Bengaluru, India; [Sreedevi, Asundi] RV Coll Engn, Bengaluru, Karnataka, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	0	INDERSCIENCE ENTERPRISES LTD	1742-7185		2022	25	4	http://dx.doi.org/10.1504/IJCSE.2022.124564

C	Supreeth, R; Arokkiaswamy, A; Keshavan, A; Koushik, PR; Kashyap, PP; Sanarahamat, AK	Bavan, S; Sreenivasa, RM	Supreeth, R.; Arokkiaswamy, A.; Keshavan, Anirudh; Koushik, Pradyumna R.; Kashyap, Pramod P.; Sanarahamat, A. K.	Numerical Investigation of the Role of Tubercles in Augmenting the Aerodynamic Characteristics of S823 Airfoil	ADVANCED TRENDS IN MECHANICAL AND AEROSPACE ENGINEERING (ATMA-2019)	Proceedings Paper	International Conference on Advanced Trends in Mechanical and Aerospace Engineering (ATMA)	NOV 07-09, 2019	Numerically investigating the role of leading edge tubercles on the fluid dynamic behavior of S823 airfoil tailored for wind turbine application has been the forefront of the study. Baseline and the modified airfoils exhibiting three different amplitude (A) and wavelength (lambda) geometries represented as A07W50	[Supreeth, R.; Arokkiaswamy, A.] Dayananda Sagar Coll Engn, Dept Aeronaut Engn, Bengaluru, Karnataka, India; [Supreeth, R.; Keshavan, Anirudh; Koushik, Pradyumna R.; Kashyap, Pramod P.; Sanarahamat, A. K.] Rashtreeya Vidyalaya Coll Engn, Dept Aerosp Engn, Bengaluru, Karnataka, India	Dayananda Sagar College of Engineering; R.V. College of Engineering	0	AMER INST PHYSICS	0094-243X	978-0-7354-4059-3	2021	2316		http://dx.doi.org/10.1063/5.0036767

J	Venugopal, K; Vidya, KA		Venugopal, K.; Vidya, K. A.	ON MULTIPLE INTRUDER LOCATING DOMINATION IN INFINITE GRIDS	ADVANCES AND APPLICATIONS IN DISCRETE MATHEMATICS	Article			For securing a network represented by a graph G = (V, E), one is interested in finding the optimal number of vertices where detection devices are to be installed. Suppose S is the subset of V with detection devices. Then a vertex in S is called a codeword and a vertex not in S is called a non-codeword. If every non-codeword u	[Venugopal, K.] VTU, RV Coll Engn, Dept Math, Bengaluru 560059, India; [Vidya, K. A.] VTU, Dayananda Sagar Acad Technol & Managemen t, Dept Math, Bengaluru 560082, India	R.V. College of Engineering	1	PUSHPA PUBLISHING HOUSE	0974-1658		2020	24	1	http://dx.doi.org/10.17654/DM024010001

J	Kumar, GVA; Ramaa, A; Shilpa, M		Kumar, G. Venkata Ajay; Ramaa, A.; Shilpa, M.	Parametric analysis of dry machining process using a novel integrated multi-attribute decision making approach	DECISION SCIENCE LETTERS	Article			In most of the machining processes, the complexity arises in the selection of the right process parameters, which influence the machining process and output responses such as machinability and surface roughness. In such situations, it is important to estimate the inter-relationships among the output responses. One such	[Kumar, G. Venkata Ajay; Ramaa, A.] RV Coll Engn, Bengaluru, India; [Shilpa, M.] MS Ramaiah Inst Technol, Bengaluru, India	R.V. College of Engineering; Ramaiah Institute of Technology	1	GROWING SCIENCE	1929-5804		2022	11	2	http://dx.doi.org/10.5267/dsl.2021.11.001

J	Sudeep, M; Manjunatha, C; Aan, MPS; Ashoka, S; Suresh, R; Ujwal, SM		Sudeep, M.; Manjunatha, Cheelenahally; Aan, M. P. Sham; Ashoka, S.; Suresh, R.; Ujwal, S. M.	Development of Nano Copper Sulfide (CuS) Structures for Electrochemical Detection of Vitamin C	JOURNAL OF NANOSTRUCTURES	Article			Copper Sulfide (CuS) has received significant interest due to its attractive physical and chemical properties. In this study, the development and characterization of nano CuS (a p-type semiconductor with a bandgap of 1.2 similar to 2 eV) for the detection of ascorbic acid (Vitamin C) is reported. Nano CuS was synthesized	[Sudeep, M.; Suresh, R.; Ujwal, S. M.] RV Coll Engn, Dept Chem Engn, Bangalore, Karnataka, India; [Manjunatha, Cheelenahally; Aan, M. P. Sham] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Ashoka, S.] Dayananda Sagar Univ, Dept Chem, Bangalore 560068, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	2	UNIV KASHAN PRESS	2251-7871		2021	11	3	http://dx.doi.org/10.22052/JNS.2021.03.020

J	Hadimani, P; Murthy, HNN; Mudbidre, R		Hadimani, P.; Murthy, H. N. Narasimha; Mudbidre, R.	Processing and Characterization of Polyphenylene Ether/Polystyrene/Nylon-6 Ternary Blends	INTERNATIONAL POLYMER PROCESSING	Article			Polyphenylene ether (PPE) is a polymer with very high glass transition temperature, superior thermal stability but poor melt processability. Mainly to improve its processability and chemical resistance, it is blended with Polystyrene (PS) and Nylon-6, respectively. In this research, ternary blends of PPE/PS/Nylon-6 were prepared	[Hadimani, P.] Steer Engn, Bangalore, Karnataka, India; [Murthy, H. N. Narasimha] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India; [Mudbidre, R.] RV Coll Engn, Dept Chem Engn, Bangalore, Karnataka, India	R.V. College of Engineering; R.V. College of Engineering	3	CARL HANSER VERLAG	0930-777X		2020	35	2	http://dx.doi.org/10.3139/217.3864

C	Ramya, S; Indumathi, TS	Barolli, L; Xhafa, F; Hussain, OK	Ramya, S.; Indumathi, T. S.	Optimizing the Placement of Wavelength Converters in WDM	INNOVATIVE MOBILE AND INTERNET SERVICES IN UBIQUITOUS COMPUTING, IMIS-2019	Proceedings Paper	13th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS)	JUL 03-05, 2019	In this work, tandem networks are simulated for the blocking probabilities using two types of channel assignment methods, namely, random assignment and first fit assignment methods. The simulations are performed with and without wavelength conversions. The wavelength converters are installed at selective locations	[Ramya, S.] RV Coll Engn, Dept ECE, Bengaluru, India; [Indumathi, T. S.] Visvesvaraya Technol Univ, Bengaluru, India	R.V. College of Engineering; Visvesvaraya Technological University	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-030-22263-5; 978-3-030-22262-8	2020	994		http://dx.doi.org/10.1007/978-3-030-22263-5_82

C	Suresh, C; Halli, RN		Suresh, C.; Halli, Rudranna Nandi	Investigation of Sulphur in Destruction of the Transformer Paper Oil Insulation	2018 3RD INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS, COMMUNICATION, COMPUTER, AND OPTIMIZATION TECHNIQUES (ICEECCOT - 2018)	Proceedings Paper	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (IGEECCOT)	DEC 14-15, 2018	The power transformer is the crucial and vital unit of power system. In a transformer, the transformer oil is used to reduce the temperature of the power transformer and electrically dielectric media. In power transformer, the reactive sulphurcomponents of antioxidant leads to uneven electric stress in paper oil insulation and causes	[Suresh, C.; Halli, Rudranna Nandi] RV Coll Engn, Dept EEE, Bangalore, Karnataka, India; [Suresh, C.; Halli, Rudranna Nandi] VTU, Belagavi, India	R.V. College of Engineering; Visvesvaraya Technological University	0	IEEE		978-1-5386-5130-8	2018			

C	Kiran, CRS; Prasad, MEG; Thammaiah, KA; Badami, SS; Shruthi, HG; Sampathkumar, MC	Heggy, E; Bermudez, V; Vermeersch, M	Kiran, C. R. Shashi; Prasad, M. E. Gowtham; Thammaiah, K. Ashwin; Badami, Shrithi S.; Shruthi, H. G.; Sampathkumar, M. C.	Drought Risk Assessment Using NDVI-A Case Study	SUSTAINABLE ENERGY-WATER-ENVIRONMENT NEXUS IN DESERTS	Proceedings Paper	1st International Conference on Sustainable Energy-Water-Environment Nexus in Desert Climates (ICSEWEN)	DEC 02-05, 2019	Agriculture drought is deemed one of the most horrible phenomena that mankind has been facing. In a nation like India, dry spells are causing such vulnerability due to the inconsistency of precipitations. Administrative bodies are saving energy and cash for the potential dry seasons, yet this procedure is a tedious and testing. Favorable position of	[Kiran, C. R. Shashi; Prasad, M. E. Gowtham; Thammaiah, K. Ashwin; Badami, Shrithi S.] Rashtreeya Vidyalaya Coll Engn, Bengaluru, Karnataka, India; [Shruthi, H. G.] ATME Coll Engn, Mysuru, Karnataka, India; [Sampathkumar, M. C.] BMS Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering; BMS College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2522-8714	978-3-030-76081-6; 978-3-030-76080-9	2022			http://dx.doi.org/10.1007/978-3-030-76081-6_29

C	Harikrishnakumar, R; Borujeni, SE; Ahmad, SF; Nannapaneni, S	Muller, HA; Byrd, G; Culhane, C; Humble, T	Harikrishnakumar, Ramkumar; Borujeni, Sima E.; Ahmad, Syed Farhan; Nannapaneni, Saideep	Rebalancing Bike Sharing Systems under Uncertainty using Quantum Bayesian Networks	2021 IEEE INTERNATIONAL CONFERENCE ON QUANTUM COMPUTING AND ENGINEERING (QCE 2021) / QUANTUM WEEK 2021	Proceedings Paper	IEEE International Conference on Quantum Computing and Engineering (QCE) / Quantum Week	OCT 17-22, 2021	Smart Mobility is the key component of Smart City initiative that are being explored throughout the world. The bike-sharing system (BSS) aims to provide an alternative mode of Smart Mobility transportation system, and it is being widely adopted in urban areas. The use of bikes for short-distance travel helps	[Harikrishnakumar, Ramkumar; Borujeni, Sima E.; Nannapaneni, Saideep] Wichita State Univ, Dept Ind Syst & Mfg Engn, Wichita, KS 67260 USA; [Ahmad, Syed Farhan] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, India	Wichita State University; R.V. College of Engineering	3	IEEE COMPUTER SOC		978-1-6654-1691-7	2021			http://dx.doi.org/10.1109/QCE52317.2021.00078

J	Gurunandan, M; Phalgun, M; Raghavendra, T; Udayashankar, BC		Gurunandan, M.; Phalgun, Madhusudan; Raghavendra, T.; Udayashankar, B. C.	Mechanical and Damping Properties of Rubberized Concrete Containing Polyester Fibers	JOURNAL OF MATERIALS IN CIVIL ENGINEERING	Article			Environmental sustainability is the need of the hour. The dependency on natural river sand has to be decreased, and an environment friendly disposal of waste rubber tires needs to be promoted. The application-specific properties of concrete such as damping or vibration absorbing capacity can be enhanced, by the use of scrap rubber tires	[Gurunandan, M.; Raghavendra, T.; Udayashankar, B. C.] Visvesvaraya Technol Univ, RV Coll Engn, Dept Civil Engn, Bengaluru 560059, Karnataka, India; [Phalgun, Madhusudan] Visvesvaraya Technol Univ, RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, Karnataka, India	R.V. College of Engineering; Visvesvaraya Technological University; Visvesvaraya Technological University; R.V. College of Engineering	30	ASCE-AMER SOC CIVIL ENGINEERS	0899-1561		2019	31	2	http://dx.doi.org/10.1061/(ASCE)MT.1943-5533.0002614

C	Ashoka, SB; Hanumanthappa, M; Manjunath, M		Ashoka, S. B.; Hanumanthappa, M.; Manjunath, M.	Comparity Study of Traditional and Nature Inspired Routing Algorithms for Mobile Adhoc Network	IEEE INTERNATIONAL CONFERENCE ON SOFT-COMPUTING AND NETWORK SECURITY (ICSNS 2018)	Proceedings Paper	IEEE International Conference on Soft-Computing and Network Security (ICSNS)	FEB 14-16, 2018	Mobile Adhoc Networks (MANET) is infrastructureless based wireless network which enable peoples to communicate, exchange and share information between them in easy and efficient manner. MANET is one the most popular and important types of wireless networks that used in the mobile communication systems	[Ashoka, S. B.] Maharanis Sci Coll Women, Dept Comp Sci PG, Bangalore 560001, Karnataka, India; [Hanumanthappa, M.] Bangalore Univ, Dept Comp Sci & Applicat, Bangalore 560056, Karnataka, India; [Manjunath, M.] RV Coll Engn, Dept Comp Applicat, Bangalore 560059, Karnataka, India	Bangalore University; R.V. College of Engineering	0	IEEE	2639-4308	978-1-5386-4552-9	2018			

J	Bayineni, VK; Suresh, S; Sharma, A; Kadeppagari, RK		Bayineni, Venkata Krishna; Suresh, Sukrutha; Sharma, Ashwani; Kadeppagari, Ravi-Kumar	Improvement of bilirubin oxidase productivity of Myrotheciu m verrucaria and studies on the enzyme overproduced by the mutant strain in the solid-state fermentation	JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY	Article			Bilirubin oxidase has applications in the health and environmental sectors. Hence, several attempts have been made to increase enzyme yields. However, improvements were not very high. We report here the development of a mutant strain of Myrotheciu m verrucaria by using UV-rays, which produced 28.8 times more enzyme	[Bayineni, Venkata Krishna; Suresh, Sukrutha; Kadeppagari, Ravi-Kumar] Jyothy Inst Technol Campus, CIIRC, Off Kanakapura Main Rd, Bengaluru 560082, Karnataka, India; [Bayineni, Venkata Krishna; Suresh, Sukrutha] Visvesvaraya Technol Univ, Res Resource Ctr, Belagavi 590018, Karnataka, India; [Sharma, Ashwani]	Visvesvaraya Technological University; R.V. College of Engineering	1	MICROBIOL RES FOUNDATION	0022-1260		2018	64	2	http://dx.doi.org/10.2323/jgam.2017.07.002

C	Shanchana, S; Nithyashree, S; Aishwarya, M; Sanjana, S; Nithin, M; Kittur, HM		Shanchana, S.; Nithyashree, S.; Aishwarya, M.; Sanjana, S.; Nithin, M.; Kittur, Harish M.	Systematic Design and Analysis of Split length Compensated Op-Amp Using gm/ID Technique	PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCSP)	Proceedings Paper	7th IEEE International Conference on Communication and Signal Processing (IEEE ICCSP)	APR 03-05, 2018	With the evolution of CMOS technology, scaling continues to play an important role. This requires the transistor to operate at low supply voltages. However, the threshold voltages do not decrease at the same rate as the supply voltage (VDD), resulting in reduced output swing. Besides, the second order effects will be more	[Shanchana, S.; Nithyashree, S.; Aishwarya, M.; Sanjana, S.; Nithin, M.] RV Coll Engn, Dept ECE, Bengaluru, Karnataka, India; [Nithin, M.; Kittur, Harish M.] VIT Univ, Sch Elect Engn, Vellore, Tamil Nadu, India	R.V. College of Engineering; Vellore Institute of Technology (VIT); VIT Vellore	0	IEEE		978-1-5386-3521-6	2018			

C	Singh, MM; Vijaya, G; Krupashankara, MS; Sridhara, BK; Shridhara, TN		Singh, Muralidhar M.; Vijaya, G.; Krupashankara, M. S.; Sridhara, B. K.; Shridhara, T. N.	Studies on Thin Film Multilayer Coatings Deposited using Sputtering Process	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	Multilayer coatings have been modelled and prepared experimentally for optical and mechanical properties for solar reflector applications on ceramic substrate. Aluminium thin films are ideally suited for reflector. This value of reflection is reduced reasonably by integrating multilayer thin films based on dielectric materials, behaving as bond and	[Singh, Muralidhar M.; Sridhara, B. K.] Natl Inst Engn, Dept Mech Engn, Mysuru 570008, India; [Vijaya, G.; Krupashankara, M. S.; Shridhara, T. N.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India	National Institute of Engineering (NIE); R.V. College of Engineering	3	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2018.01.098

J	Nandyal, AB; Rafi, M; Siddappa, M; Sathish, BB		Nandyal, Aslam B.; Rafi, Mohammed; Siddappa, M.; Sathish, Babu B.	Improving Data Services of Mobile Cloud Storage with Support for Large Data Objects using OpenStack Swift	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Providing data services support for large file upload and download is increasingly vital for mobile cloud storage. There is an increase in mobile users whose data access trends show more access and large file sharing. It is a challenging task for Mobile Application Developers to handle upload and retrieve large files to/from a mobile app because of	[Nandyal, Aslam B.; Rafi, Mohammed] Univ BDT Coll Engn, Dept Comp Sci & Engn, Davanagere, Karnataka, India; [Siddappa, M.] Sri Siddhartha Inst Technol Maralur Tumkur, Dept Comp Sci & Engn, Tumkur, Karnataka, India; [Sathish, Babu B.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, India	Visvesvaraya Technological University; R.V. College of Engineering	1	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2021	12	6	

J	Resma, KS; Sharvani, GS; Somula, R		Resma, K. S.; Sharvani, G. S.; Somula, Ramasubbareddy	Optimization of cloud load balancing using fitness function and duopoly theory	INTERNATIONAL JOURNAL OF INTELLIGENT COMPUTING AND CYBERNETICS	Article			Purpose Current industrial scenario is largely dependent on cloud computing paradigms. On-demand services provided by cloud data centre are paid as per use. Hence, it is very important to make use of the allocated resources to the maximum. The resource utilization is highly dependent on the allocation of resources to the incoming	[Resma, K. S.] RV Coll Engn, Comp Sci & Engn Res Ctr, VTU Belagavi, Bangalore, Karnataka, India; [Sharvani, G. S.] RV Coll Engn, Comp Sci & Engn, Bangalore, Karnataka, India; [Somula, Ramasubbareddy] VNRVJIET, Informat Technol, Hyderabad, India	R.V. College of Engineering; Visvesvaraya Technological University; R.V. College of Engineering; Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering &Technology (VNRVJIET)	2	EMERALD GROUP PUBLISHING LTD	1756-378X		2021	14	2	http://dx.doi.org/10.1108/IJICC-11-2020-0176

J	Niranjan, V; Setlur, AS; Karunakaran, C; Uttarkar, A; Kumar, KM; Skariyachan, S		Niranjan, Vidya; Setlur, Anagha Shamsundar; Karunakaran, Chandrashekar; Uttarkar, Akshay; Kumar, Kalavathi Murugan; Skariyachan, Sinosh	Scope of repurposed drugs against the potential targets of the latest variants of SARS-CoV-2	STRUCTURAL CHEMISTRY	Review			The unprecedented outbreak of the severe acute respiratory syndrome (SARS) Coronavirus-2, across the globe, triggered a worldwide uproar in the search for immediate treatment strategies. With no specific drug and not much data available, alternative approaches such as drug repurposing came to the limelight. To date, extensive	[Niranjan, Vidya; Setlur, Anagha Shamsundar; Karunakaran, Chandrashekar] RV Coll Engn, Dept Biotechnol, Bengaluru, Karnataka, India; [Uttarkar, Akshay] Pondicherry Univ, Dept Bioinformat, Pondicherry, Tamil Nadu, India; [Kumar, Kalavathi Murugan; Skariyachan, Sinosh] St Pius X Coll, Dept Microbiol	R.V. College of Engineering; Pondicherry University	6	SPRINGER/PLENUM PUBLISHERS	1040-0400		2022	33	5	http://dx.doi.org/10.1007/s11224-022-02020-z

C	Akshitha, BN; Balreddy, MS; Sunil, S		Akshitha, B. N.; Balreddy, Muttana S.; Sunil, S.	Laboratory investigation of stone mastic asphalt using reclaimed asphalt pavement	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	Conference on Sustainable Materials and Practices for Built Environment (SMPBE)	NOV 25-26, 2021	One of the current priorities in the pavement industries includes utilization of Reclaimed Asphalt Pavement (RAP) in the Stone Mastic Asphalt (SMA). There are numerous advantages to using reclaimed asphalt pavement, including reduced use of fresh bitumen and natural aggregates, lower costs, and lower emissions into the	[Akshitha, B. N.; Balreddy, Muttana S.] Siddaganga Inst Technol, Dept Civil Engn, Tumakuru, India; [Sunil, S.] RV Coll Engn, Dept Civil Engn, Bengaluru, India	Siddaganga Institute of Technology; R.V. College of Engineering	1	ELSEVIER	2214-7853		2022	60		http://dx.doi.org/10.1016/j.matpr.2022.02.274

C	Hiremath, S; Koppad, D	Smys, S; Balas, VE; Palanisamy, R	Hiremath, Sujatha; Koppad, Deepali	Design of Low Power Sequential Circuits Using GDI Cells	INVENTIVE COMPUTATION AND INFORMATION TECHNOLOGIES, ICICIT 2021	Proceedings Paper	3rd International Conference on Inventive Computation and Information Technologies (ICICIT)	AUG 12-13, 2021	This paper describes the development of a 180 nm standard cell library designed for building power efficient digital circuits. Creating an Integrated Circuit (IC) can be very time consuming if high flexibility or low power is demanded. This paper will try to solve this problem by creating own standard cell libraries	[Hiremath, Sujatha] RVCE, Dept Elect & Commun Engn, Bengaluru, India; [Koppad, Deepali] RIT, Dept Elect & Commun Engn, Bengaluru, India	R.V. College of Engineering; Ramaiah Institute of Technology	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-3370	978-981-16-6723-7; 978-981-16-6722-0	2022	336		http://dx.doi.org/10.1007/978-981-16-6723-7_54

J	Kulkarni, BN; Anantharama, V		Kulkarni, Bhargavi N.; Anantharama, V	Repercussions of COVID-19 pandemic on municipal solid waste management: Challenges and opportunities	SCIENCE OF THE TOTAL ENVIRONMENT	Article			The COVID-19 pandemic has caused global emergency and has raised social and economic concerns which will also spill over to environmental issues. Amid this natural experiment, current study evaluates prevailing municipal solid waste (MSW) management practices, with the emphasis on MSW treatment and disposal	[Kulkarni, Bhargavi N.; Anantharama, V] RV Coll Engn, Dept Civil Engn, Mysore Rd, Bangalore 560059, Karnataka, India; [Kulkarni, Bhargavi N.; Anantharama, V] Visvesvaraya Technol Univ, Autonomus Inst, Belagavi, Karnataka, India	R.V. College of Engineering; Visvesvaraya Technological University	177	ELSEVIER	0048-9697		2020	743		http://dx.doi.org/10.1016/j.scitotenv.2020.140693

J	Bhat, PSV; Renukadevi, MV; Jagadish, KS		Bhat, P. Subrahmanya, V; Renukadevi, M., V; Jagadish, K. S.	Stresses in orthotropic, spherical masonry domes	INTERNATIONAL JOURNAL OF MASONRY RESEARCH AND INNOVATION	Article			Most of the theories developed for shell analysis assume the material is isotropic. But recent studies on masonry reveal its orthotropic behaviour. Hence, for the better understanding, orthotropic stress analysis following Timoshenko approach for uniformly distributed load is adopted, which is the prerequisite for failure analysis. The axial	[Bhat, P. Subrahmanya, V; Renukadevi, M., V] RVCE, Dept Civil Engn, Bengaluru 560059, Karnataka, India; [Jagadish, K. S.] IISc, Dept Civil Engn, Bengaluru 560012, Karnataka, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	0	INDERSCIENCE ENTERPRISES LTD	2056-9459		2022	7	6	http://dx.doi.org/10.1504/IJMRI.2022.10049863

C	Panda, B; Niranjan, CA; Vishwanatha, AD; Harisha, P; Chandan, KR; Kumar, R		Panda, Bijayani; Niranjan, C. A.; Vishwanatha, A. D.; Harisha, P.; Chandan, K. R.; Kumar, Rakesh	Development of Novel Stir Cast Aluminium Composite with modified Coconut Shell Ash Filler	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Materials Manufacturing and Modelling (ICMMM)	MAR 29-31, 2019	Coconut shell is a bio-degradable agro-waste obtained from the coconut processing industry and is found abundantly in India. Due to its low density, suitable chemical composition, ease of availability and cost effectiveness, coconut shell ash (CSA) is a suitable candidate as reinforcement for metal-matrix composites for	[Panda, Bijayani; Vishwanatha, A. D.; Harisha, P.; Chandan, K. R.] CMR Inst Technol, 132 AECS Layout,ITPL Main Rd, Kundanahalli 560037, Bengaluru, India; [Niranjan, C. A.] BMS Coll Engn, Bull Temple Rd, Basavanagudi 560019, Bengaluru, India; [Kumar, Rakesh] RV Coll Engn, Mysore Rd, Vidyaniketan Post 560059, Bengaluru	BMS College of Engineering; R.V. College of Engineering	8	ELSEVIER	2214-7853		2020	22		

J	Skariyachan, S; Gopal, D; Muddebihalkar, AG; Uttarkar, A; Niranjan, V		Skariyachan, Sinosh; Gopal, Dharshini; Muddebihalkar, Aditi G.; Uttarkar, Akshay; Niranjan, Vidya	Structural insights on the interaction potential of natural leads against major protein targets of SARS-CoV-2: Molecular modelling, docking and dynamic simulation studies	COMPUTERS IN BIOLOGY AND MEDICINE	Article			Though significant efforts are in progress for developing drugs and vaccines against COVID-19, limited therapeutic agents are available currently. Thus, it is essential to undertake COVID-19 research and to identify therapeutic interventions in which computational modeling and virtual screening of lead molecules provide significant insights	[Skariyachan, Sinosh] St Pius X Coll Rajapuram, Dept Microbiol, Kasaragod, Kerala, India; [Gopal, Dharshini] Manipal Acad Higher Educ, Dept Bioinformat, Manipal, Karnataka, India; [Muddebihalkar, Aditi G.; Uttarkar, Akshay; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bengaluru, Karnataka, India	Manipal Academy of Higher Education (MAHE); R.V. College of Engineering	16	PERGAMON-ELSEVIER SCIENCE LTD	0010-4825		2021	132		http://dx.doi.org/10.1016/j.compbiomed.2021.104325

J	Harish, DVN; Bharatish, A; Murthy, HNN; Anand, B; Rangaraj, L		Harish, D. V. N.; Bharatish, A.; Murthy, H. N. Narasimha; Anand, B.; Rangaraj, Lingappa	Evaluation of nanosecond laser ablation and scratch resistance of tantalum carbide coated graphite substrates	CERAMICS INTERNATIONAL	Article			The present work aimed at investigating the effect of nanosecond laser parameters on ablation characteristics such as ablation depth and surface roughness of plasma sprayed tantalum carbide coated graphite substrates. The micro scratch tests were performed on the laser ablated and as-sprayed coatings to evaluate the critical loads and	[Harish, D. V. N.; Bharatish, A.; Murthy, H. N. Narasimha; Anand, B.] RV Coll Engn, Dept Mech Engn, Bengaluru, India; [Rangaraj, Lingappa] CSIR, Mat Sci Div, Natl Aerosp Labs, Bengaluru, India	R.V. College of Engineering; Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL)	4	ELSEVIER SCI LTD	0272-8842		2019	45	17	http://dx.doi.org/10.1016/j.ceramint.2019.07.289

C	Omprakash, SS; Kumar, SKN; Holla, R		Omprakash, S. S.; Kumar, Naveen S. K.; Holla, Ravishankar	Titanium dioxide and Zinc oxide as a Dielectric Material for Application in TFT's	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	2nd International Conference on Large Area Flexible Microelectronics (ILAFM) - Wearable Electronics	DEC 20-22, 2016	Multiple dielectrics are being studied for a wide range of applications for large area and flexible electronics. In view to address the challenges of thin film transistors based on amorphous semiconductors, nanocarbons, metal oxides and organics semiconductors, Titanium dioxide (TiO2) and Zinc oxide (ZnO) films have been studied as potential	[Omprakash, S. S.; Kumar, Naveen S. K.] Mangalore Univ, Dept Elect, Mangalore 574199, India; [Holla, Ravishankar] RV Coll Engn, Dept Elect & Commun Engn, RV Vidyaniketan PO,Mysore Rd, Bangalore 560059, Karnataka, India	Mangalore University; R.V. College of Engineering	4	ELSEVIER SCIENCE BV	2214-7853		2018	5	4	http://dx.doi.org/10.1016/j.matpr.2017.12.370

J	Roopa, TS; Murthy, HNN; Harish, DVN; Jain, A; Angadi, G		Roopa, T. S.; Murthy, H. N. Narasimha; Harish, D. V. N.; Jain, Anjana; Angadi, Gangadhar	Properties of PVDF films stretched in machine direction	POLYMERS & POLYMER COMPOSITES	Article			Polyvinylidene fluoride (PVDF) films possess superior piezoelectric properties due to the beta-phase obtained by methods, such as addition of nanofillers, application of high electric field, use of polar solvents and mechanical stretching. Simultaneous stretching and heating of the films can reduce porosity, increase transformation from alpha-phase	[Roopa, T. S.; Murthy, H. N. Narasimha; Harish, D. V. N.; Angadi, Gangadhar] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India; [Jain, Anjana] Natl Aerosp Labs, Dept Mat Sci, Bengaluru, Karnataka, India	R.V. College of Engineering; Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL)	10	SAGE PUBLICATIONS LTD	0967-3911		2021	29	3	http://dx.doi.org/10.1177/096739112091059 2

C	Shabaze, M; Sahoo, PK; Guptha, VLJ		Shabaze, Mohamed; Sahoo, P. K.; Guptha, V. L. Jagannatha	Multiscale material modelling and analysis of carbon fiber/MWCNT/epoxy composites to predict effective elastic constants	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	1st International Conference on Manufacturing, Material Science and Engineering	AUG 16-17, 2019	In the current work, the effect of weight percentage and orientation of multi-walled carbon nanotubes (MWCNTs) on the mechanical properties of unidirectional (UD) carbon fiber (CF)/MWCNT/epoxy composites was studied by using multiscale material modelling and finite element analysis (FEA). Nanoscale representati	[Shabaze, Mohamed; Guptha, V. L. Jagannatha] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India; [Sahoo, P. K.] Natl Aerosp Labs, Struct Technol Div, CSIR, Bengaluru 560017, Karnataka, India	R.V. College of Engineering; Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL)	7	ELSEVIER	2214-7853		2019	19		http://dx.doi.org/10.1016/j.matpr.2019.07.647

C	Agarwal, DM; Basutkar, SM; Madhavi, K; Devi, MVR; Jagadish, KS		Agarwal, Divesh M.; Basutkar, S. M.; Madhavi, K.; Devi, M. V. Renuka; Jagadish, K. S.	Influence of surface reinforcement on the strength of brick masonry wall	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	In this article, an attempt is made to evaluate the load carrying capacity of one brick thick vertical, surface reinforced masonry wall and compared with unreinforced wall. Locally available bricks of compressive strength of 4-8 MPa is used in study. Basic properties of bricks and three types of mortars are evaluated	[Agarwal, Divesh M.; Basutkar, S. M.; Madhavi, K.; Devi, M. V. Renuka] RVCE, Dept Civil Engn, Bengaluru, India; [Jagadish, K. S.] IISc, Dept Civil Engn, Bengaluru, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	3	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.10.500

J	Dayananda, P; Latte, MV; Raisinghani, MS; Sowmyarani, CN		Dayananda, P.; Latte, Mrityunjaya V.; Raisinghani, Mahesh S.; Sowmyarani, C. N.	New approach for target setting mechanism of course outcomes in higher education accreditation	JOURNAL OF ECONOMIC AND ADMINISTRATIVE SCIENCES	Article			Purpose Standard quality is very highly important parameter in the education sector. Accreditation is a process where standard quality of education is given and the process of continuous improvement is defined. Emphasizing quality of student education is achieved through outcome-based education system (OBE). Program	[Dayananda, P.; Latte, Mrityunjaya V.] JSS Acad Tech Educ, Bangalore, Karnataka, India; [Raisinghani, Mahesh S.] Texas Womans Univ, Coll Business, Denton, TX 76204 USA; [Sowmyarani, C. N.] RV Coll Engn, Bangalore, Karnataka, India	Texas Womans University; R.V. College of Engineering	3	EMERALD GROUP PUBLISHING LTD	1026-4116		2021	37	1	http://dx.doi.org/10.1108/JEAS-03-2020-0024

J	Srinivas, DB; Hegde, SN; Rajan, MA; Krishnappa, HK		Srinivas, D. B.; Hegde, Sujay N.; Rajan, M. A.; Krishnappa, H. K.	An efficient greedy task scheduling algorithm for heterogeneous inter-dependent tasks on computational grids	INTERNATIONAL JOURNAL OF GRID AND UTILITY COMPUTING	Article			Designing a task scheduling algorithm for precedence constrained task graphs is still a challenge due to its complexity (NP-complete). Hence the majority of the research in this area is devoted to designing optimal scheduler based on a plethora of techniques such as heuristic, greedy, genetic, game theory, bio-inspired, machine	[Srinivas, D. B.] Nitte Meenakshi Inst Technol, Dept Informat Sci & Engn, Bangalore, Karnataka, India; [Hegde, Sujay N.] Nitte Meenakshi Inst Technol, Informat Sci & Engn, Bangalore, Karnataka, India; [Rajan, M. A.] TCS Res & Innovat, Bangalore, Karnataka, India; [Krishnappa, H. K.] RV Coll Engn	Nitte Meenakshi Institute of Technology; Nitte Meenakshi Institute of Technology; R.V. College of Engineering	1	INDERSCIENCE ENTERPRISES LTD	1741-847X		2020	11	5	

C	Krishna, UBG; Ranganatha, P; Rajesh, GL; Auradi, V; Kumar, SM; Vasudeva, B		Krishna, Gopal U. B.; Ranganatha, P.; Rajesh, G. L.; Auradi, V; Kumar, Mahendra S.; Vasudeva, B.	Studies on Dry Sliding Wear Characteristics of Cermet WC-Co Particulate Reinforced Al7075 Metal Matrix Composite	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials, Manufacturing and Applied Sciences (ICAMMAS)	MAR 30-31, 2017	In the present work, an attempt is made to synthesize cermet (WC-Co) reinforced Al7075 metal matrix composite by liquid metallurgy route. The dry sliding wear behavior of these prepared composites was studied with varying sliding speed, load and sliding distance. Cermet in an amount of 6 wt% is used as reinforceme	[Krishna, Gopal U. B.; Ranganatha, P.; Rajesh, G. L.; Auradi, V; Vasudeva, B.] Siddaganga Inst Technol, Dept Mech Engn, R&D Ctr, Tumakuru 572103, Karnataka, India; [Kumar, Mahendra S.] RV Coll Engn, Dept Mech Engn, R&D Ctr, Bengaluru 560059, Karnataka, India	Siddaganga Institute of Technology; R.V. College of Engineering	5	ELSEVIER	2214-7853		2019	16		

C	Verma, AK; Prakash, N		Verma, Amit Kumar; Prakash, Nikhil	A Grid-based Model for Generating Scale-Free Networks	2019 11TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	Proceedings Paper	11th International Conference on Communication Systems & Networks (COMSNETS)	JAN 07-11, 2019	It has been observed that the evolution of complex networks such as social networks is not a random process, there exist some key features which are responsible for their evolution. One such feature is the degree distribution of these networks which follow the power law i.e. P(k) proportional to k(-gamma) where gamma is a	[Verma, Amit Kumar] Indian Inst Technol Ropar, Dept Comp Sci & Engn, Rupnagar, Punjab, India; [Prakash, Nikhil] RV Coll Engn, Dept Telecommun Engn, Bengaluru, Karnataka, India	Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Ropar; R.V. College of Engineering	0	IEEE	2155-2487	978-1-5386-7902-9	2019			http://dx.doi.org/10.1109/comsnets.2019.8711403

J	Mamatha, B; Pradeep, N; Uma, V; Kumar, SM		Mamatha, B.; Pradeep, N.; Uma, V; Kumar, S. Mahendra	Wearable Strain Sensor Using Multiwalled Carbon Nanotubes on Different Fabrics	JOURNAL OF ELECTRONIC MATERIALS	Article			Wearable sensors, as the name indicates, are sensors attached directly to the body in order to monitor certain parameters by detecting human body motions. They find widespread applications in continuous monitoring of various parameters. In particular, the wearable strain sensor has been fabricated using	[Mamatha, B.] Visvesvaraya Technol Univ, Dept Nanotechnol, Muddenahalli 562101, Karnataka, India; [Pradeep, N.; Uma, V] Mt Carmel Coll, Dept Nanosci & Technol, Bangalore 560052, Karnataka, India; [Kumar, S. Mahendra] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering	0	SPRINGER	0361-5235		2022	51	12	http://dx.doi.org/10.1007/s11664-022-09948-2

J	Raju, BA; Nandihalli, R; Nanjundappa, CE; Shivakumara, IS		Raju, B. Arpitha; Nandihalli, Rudranna; Nanjundappa, C. E.; Shivakumara, I. S.	Buoyancy-surface tension driven forces on electro-thermal-convection in a rotating dielectric fluid-saturated porous layer: effect of cubic temperature gradients	SN APPLIED SCIENCES	Article			x This paper analyses the onset of buoyancy-surface tension driven forces on rotating electro-thermal-convection in a dielectric fluid-saturated porous layer under the influence of different basic temperature gradients. The lower surface is rigid-isothermal, and the upper surface is stress-free and flat at	[Raju, B. Arpitha] Dr Ambedkar Inst Technol, Dept Elect & Elect Engn, Bengaluru 560056, India; [Nandihalli, Rudranna] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, India; [Nanjundappa, C. E.] Dr Ambedkar Inst Technol, Dept Math, Bengaluru 560056, India; [Shivakumara, I. S.] Bangalore Univ, Dept	R.V. College of Engineering; Bangalore University	2	SPRINGER INTERNATIONAL PUBLISHING AG	2523-3963		2020	2	2	http://dx.doi.org/10.1007/s42452-019-1904-3

J	Vyas, UB; Shah, VA; S G, S		Vyas, Ujjval B.; Shah, Varsha A.; S G, Srivani	Fault detection technique for modified cascaded half-bridge multi-level inverter with polarity changer in pv grid system	SN APPLIED SCIENCES	Article			Multilevel Inverters (MLI) are a viable option for a filter-less and transformerless photovoltaic system for direct grid integration, reducing losses, space and cost provided the issues of control and reliability are resolved. A modified cascaded half-bridge MLI with polarity changer is proposed with a reduced number of	[Vyas, Ujjval B.; Shah, Varsha A.] Sardar Vallabhbhai Natl Inst Technol, Surat, India; [S G, Srivani] RV Coll Engn, Bangalore, Karnataka, India	National Institute of Technology (NIT System); Sardar Vallabhbhai National Institute of Technology; R.V. College of Engineering	4	SPRINGER INT PUBL AG	2523-3963		2021	3	5	http://dx.doi.org/10.1007/s42452-021-04586-5

J	Nanjundaswamy, GS; Mahesh, B; Gowda, DC; Chamaraja, NA; Angadi, G		Nanjundaswamy, G. S.; Mahesh, B.; Gowda, Channe D.; Chamaraja, N. A.; Angadi, Gangadhar	Examination of miscibility characteristics of the synthetic plastic-mimetic peptide with polyacrylamide: development of nonwoven mats by electrospinning	POLYMER-PLASTICS TECHNOLOGY AND MATERIALS	Article			The polypeptide, poly(AVGVP), a prominent member of the synthetic polypeptides (PLP), exhibiting plastic properties for biomedical applications. Their miscibility characteristics with polyacrylamide (PAM) were scrutinized in different weight proportions manipulating viscometry in the aqueous phase. The	[Nanjundaswamy, G. S.] JSS Acad Tech Educ, Dept Chem, Noida, India; [Nanjundaswamy, G. S.; Mahesh, B.; Chamaraja, N. A.] JSS Acad Tech Educ, Dept Chem, Bengaluru 560060, India; [Gowda, Channe D.; Angadi, Gangadhar] Univ Mysore, Dept Studies Chem, Mysuru, India; [Angadi, Gangadhar] RV Coll	University of Mysore; R.V. College of Engineering	7	TAYLOR & FRANCIS INC	2574-0881		2021	60	4	http://dx.doi.org/10.1080/25740881.2020.1811322

J	Mohana ; Aradhya , HR		Mohana; Aradhya, H. V. Ravish	Object Detection and Tracking using Deep Learning and Artificial Intelligence for Video Surveillance Applications	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	Article			Data is the new oil in current technological society. The impact of efficient data has changed benchmarks of performance in terms of speed and accuracy. The enhancement is visualizable because the processing of data is performed by two buzzwords in industry called Computer Vision (CV) and Artificial Intelligence (AI). Two technologies	[Mohana; Aradhya, H. V. Ravish] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru 560059, Karnataka, India; [Mohana; Aradhya, H. V. Ravish] Visvesvaraya Technol Univ, Belagavi, Karnataka, India	R.V. College of Engineering; Visvesvaraya Technological University	3	SCIENCE & INFORMATION SAI ORGANIZATION LTD	2158-107X		2019	10	12	

C	Inamdar, SR; Babu, BS; Yadahalli, RM		Inamdar, Sadanand R.; Babu, Sathish B.; Yadahalli, Ravi M.	ACO and CLD Techniques in MANETs to Design Adaptable Protocols	2018 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTERS AND COMMUNICATIONS (ICAECC)	Proceedings Paper	2nd International Conference on Advances in Electronics, Computers and Communications (ICAECC)	FEB 09-10, 2018	Mobile Ad hoc Networks (MANETs) envisioned as battlefield application of wireless networks build cooperation in a multi-hop fashion between limited powered mobile nodes to prove inter-communication with one another. In self-configuring and self-organizing nature MANETs, designing adaptive protocols is a great	[Inamdar, Sadanand R.] SIT, Dept CSE, Tumakuru, Karnataka, India; [Babu, Sathish B.] RV Coll Engn, Dept CSE, Bengaluru, Karnataka, India; [Yadahalli, Ravi M.] SGB Inst Technol, Dept CSE, Belagavi, Karnataka, India	Siddaganga Institute of Technology; R.V. College of Engineering	0	IEEE		978-1-5386-3785-2	2018			

C	Harikrishnakumar, R; Ahmad, SF; Nannapaneni, S		Harikrishnakumar, Ramkumar; Ahmad, Syed Farhan; Nannapaneni, Saideep	Comparing Quantum Optimization Solvers for Rebalancing Analysis of Bike Sharing System	2022 IEEE INTERNATIONAL CONFERENCE ON QUANTUM COMPUTING AND ENGINEERING (QCE 2022)	Proceedings Paper	3rd IEEE International Conference on Quantum Computing and Engineering (QCE)	SEP 18-23, 2022	Smart Mobility is the key component of Smart City initiative that are being explored throughout the world. The bike-sharing system (BSS) aims to provide an alternative mode of Smart Mobility transportation system, and it is being widely adopted in urban areas. The use of bikes for short-distance travel helps	[Harikrishnakumar, Ramkumar; Nannapaneni, Saideep] Wichita State Univ, Dept Ind Syst & Mfg Engn, Wichita, KS 67260 USA; [Ahmad, Syed Farhan] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru, India	Wichita State University; R.V. College of Engineering	0	IEEE COMPUTER SOC		978-1-6654-9113-6	2022			http://dx.doi.org/10.1109/QCE53715.2022.00106

J	Ansari, NI; Sivagnanapalani, P; Sureshkumar, V; Shivaraj, BW; Panda, PK		Ansari, Naveed Iqbal; Sivagnanapalani, P.; Sureshkumar, V; Shivaraj, B. W.; Panda, P. K.	Synthesis of lanthanum titanate (La2Ti2O7) for high temperature sensor applications	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	Article			Lanthanum titanate (La2Ti2O7) with perovskite-like layered structure is a candidate material for high temperature sensor application due to its high curie temperature (T-c = 1461 degrees C) and linearity of temperature vs. electrical resistance. La2Ti2O7 (LTO) was synthesized by solid state reaction using constituent powders at 1250	[Sivagnanapalani, P.; Sureshkumar, V; Panda, P. K.] CSIR Natl Aerosp Labs, Mat Sci Div, PB 1779, Bangalore 560017, Karnataka, India; [Ansari, Naveed Iqbal; Shivaraj, B. W.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India	Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL); R.V. College of Engineering	3	SPRINGER	0957-4522		2021	32	23	http://dx.doi.org/10.1007/s10854-021-07117-5

J	Manjunatha, C; Chirag, V; Shivaraj, BW; Srinivasa, N; Ashoka, S		Manjunatha, Channegowda; Chirag, Venkateshaiah; Shivaraj, Basavaraj Wali; Srinivasa, Narasimha; Ashoka, Siddaramanna	One pot green synthesis of novel rGO@ZnO nanocomposite and fabrication of electrochemical sensor for ascorbic acid using screen-printed electrode	JOURNAL OF NANOSTRUCTURES	Article			Developing a novel sensor for analysing ascorbic acid present in food items and nutraceuticals is been very important research topic for materials scientists, medicine and food researchers. In the present work, we demonstrate the detection of an ascorbic acid (AA) by using an electrochemical sensor made from novel rGO@ZnO nanocompos	[Manjunatha, Channegowda] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Chirag, Venkateshaiah; Shivaraj, Basavaraj Wali] RV Coll Engn, Mech Engn, Bengaluru 560059, India; [Manjunatha, Channegowda] Visvesvaraya Technol Univ, Belagavi 590018, India; [Srinivasa, Narasimha; Ashoka	R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	9	UNIV KASHAN PRESS	2251-7871		2020	10	3	http://dx.doi.org/10.22052/JNS.2020.03.009

J	Rashmi, HS; Vishnumurthy, KA; Girish, KH; Raviraj, K		Rashmi, H. S.; Vishnumurthy, K. A.; Girish, K. H.; Raviraj, Kusanur	Design and development of conjugated polymer-ferrite composite for selective recognition of NO2 vapors br	JOURNAL OF MOLECULAR STRUCTURE	Article			The present work mainly focused on the synthesis and characterization of o-aminophenol-aniline copolymer with Ni-ZnFe 2 O 4 nano composite for selective recognition of NO 2 gas. The polymer composite sensors showed excellent specificity with sensing response of 70% with LOD of 38.2 ppb for NO 2 gas at room	[Rashmi, H. S.; Vishnumurthy, K. A.; Raviraj, Kusanur] RV Coll Engn Bengaluru, Dept Chem, Karnataka 560059, India; [Girish, K. H.] Jawaharlal Nehru Ctr, Adv Sci Res, Bangalore 560064, India	R.V. College of Engineering; Department of Science & Technology (India); Jawaharlal Nehru Center for Advanced Scientific Research (JNCASR)	3	ELSEVIER	0022-2860		2023	1271		http://dx.doi.org/10.1016/j.molstruc.2022.134149

C	Sreevidya, B; Rajesh, M; Mamatha, TM	Perez, GM; Tiwari, S; Trivedi, MC; Mishra, KK	Sreevidya, B.; Rajesh, M.; Mamatha, T. M.	Design and Development of an Enhanced Security Scheme Using RSA for Preventing False Data Injection in Wireless Sensor Networks	AMBIENT COMMUNICATIONS AND COMPUTER SYSTEMS, RACCCS 2017	Proceedings Paper	2nd International Conference on Recent Advancement in Computer, Communication and Computational Sciences (RACCCS)	SEP 02-03, 2017	Wireless sensor networks are largely used in mission-critical applications such as border surveillance, intrusion detection, remote patient monitoring. These applications demand the data to be secured while processing as well as communicating. Data security during the processing phase is a largely researched area, and there exists	[Sreevidya, B.; Rajesh, M.] Amrita Univ, Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Comp Sci & Engn, Bengaluru, India; [Mamatha, T. M.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	4	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-981-10-7386-1; 978-981-10-7385-4	2018	696		http://dx.doi.org/10.1007/978-981-10-7386-1_20

J	Shylashree, N; Bharadwaj, VS; Yashas, D; Kulkarni, V; Bharadwaj, A; Nath, V		Shylashree, N.; Bharadwaj, Varchas S.; Yashas, D.; Kulkarni, Vinayak; Bharadwaj, Ajay; Nath, Vijay	Comprehensive Design and Timing Analysis for High speed Master Slave D Flip-Flops using 18 nm FinFET Technology	IETE JOURNAL OF RESEARCH	Article			Ensuring correct functionality is the basic objective of any digital design and this can be done only if the circuit obeys all the timing constraints. Static Timing Analysis is the procedure performed to calculate the setup and hold time of any digital circuit and to check for any setup and hold time violations. This paper presents the methodology to	[Shylashree, N.; Bharadwaj, Varchas S.; Yashas, D.; Kulkarni, Vinayak; Bharadwaj, Ajay] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru 560059, India; [Nath, Vijay] Birla Inst Technol, Dept Elect & Commun Engn, Ranchi 835215, Bihar, India	R.V. College of Engineering; Birla Institute of Technology Mesra	1	TAYLOR & FRANCIS LTD	0377-2063		2023	69	7	http://dx.doi.org/10.1080/03772063.2021.1948925

J	Manjunath, SP; Binnal, P; Rajashekhara, S; Patil, J		Manjunath, S. P.; Binnal, Prakash; Rajashekhara, S.; Patil, Jagadish	In-situ synthesis of ZSM-5 to form SCR catalyst membrane and Modeling using COMSOL Multiphysics	JOURNAL OF APPLIED SCIENCE AND ENGINEERING	Article			Zeolite Socony Mobil-5 (ZSM-5) is a synthetic Aluminium silicate zeolite belonging to the pentasil family of zeolite. The vertices are Al or Si and an O is assumed to be bonded between the vertices. In the present work, ZSM-5 was prepared by using Colloidal Silica and sodium aluminate as silicon and aluminium sources respectively	[Manjunath, S. P.; Binnal, Prakash; Rajashekhara, S.] Siddaganga Inst Technol, Dept Chem Engn, Tumakuru 572103, Karnataka, India; [Patil, Jagadish] RV Coll Engn, Dept Chem Engn, Bangalore, Karnataka, India	Siddaganga Institute of Technology; R.V. College of Engineering	0	TAMKANG UNIV	1560-6686		2020	23	4	http://dx.doi.org/10.6180/jase.2020_23(4).0017

J	Rohit, B; Muktinutalapati, NR		Rohit, Benjamin; Muktinutalapati, Nageswara Rao	Influence of Reverted Austenite on Tensile Deformation and Fracture in 18Ni 250 Maraging Steel	JOURNAL OF TESTING AND EVALUATION	Article			Overaging of C250 maraging steel leads to reversion of austenite. The percentage of reverted austenite in the microstructure increases with an increasing extent of overaging. The effect of volume fraction of reverted austenite on the deformation behavior during tensile testing was studied. Specimens in the solution-annealed	[Rohit, Benjamin] Rashtreeya Vidyalaya Coll Engn, Mysore Rd, Bangalore 560059, Karnataka, India; [Rohit, Benjamin; Muktinutalapati, Nageswara Rao] Vellore Inst Technol, Vellore Campus,Tiruvalam Rd, Vellore 632014, Tamilnadu, India	R.V. College of Engineering; Vellore Institute of Technology (VIT); VIT Vellore	1	AMER SOC TESTING MATERIALS	0090-3973		2023	51	2	http://dx.doi.org/10.1520/JTE20220122

C	Panda, B; Ray, RK; Kumar, R	Wright, SI; Fullwood, DT; Nowell, MM	Panda, B.; Ray, R. K.; Kumar, Rakesh	Characteristics of Thin Cu Films Electrodeposited On Textured Ni-Co Substrates	18TH INTERNATIONAL CONFERENCE ON TEXTURES OF MATERIALS (ICOTOM-18)	Proceedings Paper	18th International Conference on Textures of Materials (ICOTOM)	NOV 06-10, 2017	An attempt has been made to study the effects of current density and the texture of the underlying substrate on electrodeposited copper. For this purpose five Ni-Co alloys, Ni-10 Co, Ni-20 Co, Ni-30 Co, Ni-40 Co and Ni-60 Co, in the cold rolled as well as in the annealed conditions, were used as substrates. Acid copper sulfate	[Panda, B.] CMR Inst Technol, Bangalore, Karnataka, India; [Ray, R. K.] Indian Inst Engn Sci & Technol Shibpur, Dr MN Dastur Sch Mat Sci & Engn, Kolkata, India; [Kumar, Rakesh] RV Coll Engn, Bangalore, Karnataka, India	Indian Institute of Engineering Science Technology Shibpur (IIEST); R.V. College of Engineering	0	IOP PUBLISHING LTD	1757-8981		2018	375		http://dx.doi.org/10.1088/1757-899X/375/1/012004

J	Niranjan, V; Uttarkar, A; Murali, K; Niranjan, S; Gopal, J; Kumar, J		Niranjan, Vidya; Uttarkar, Akshay; Murali, Keerthana; Niranjan, Swarna; Gopal, Jayalatha; Kumar, Jitendra	Mycobacterium Time-Series Genome Analysis Identifies AAC2′ as a Potential Drug Target with Naloxone Showing Potential Bait Drug Synergism	MOLECULES	Article			The World Health Organization has put drug resistance in tuberculosis on its list of significant threats, with a critical emphasis on resolving the genetic differences in Mycobacterium tuberculosis. This provides an opportunity for a better understanding of the evolutionary progression leading to anti-microbial	[Niranjan, Vidya; Uttarkar, Akshay; Murali, Keerthana] RV Coll Engn, Dept Biotechnol, Mysuru Rd, Bangalore 560059, Karnataka, India; [Niranjan, Swarna] RV Coll Engn, Dept Artificial Intelligence & Machine Learning, Mysuru Rd, Bangalore 560059, Karnataka, India; [Gopal, Jayalatha] RV Coll Engn, Dept Math, Mysuru Rd, Bangalore	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering	7	MDPI			2022	27	19	http://dx.doi.org/10.3390/molecules27196150

J	Kulkarni, B		Kulkarni, Bhargavi	Environmental sustainability assessment of land disposal of municipal solid waste generated in Indian cities - A review	ENVIRONMENTAL DEVELOPMENT	Review				[Kulkarni, Bhargavi] Visvesvaraya Technol Univ, Dept Civil Engn, RV Coll Engn, Mysore Rd, Bangalore 560059, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering	43	ELSEVIER	2211-4645		2020	33		http://dx.doi.org/10.1016/j.envdev.2019.100490

J	Byatarayappa, G; Radhika, MG; Bhatta, UM; Ingale, DV; Venkatesh, K; Nagaraju, N; Nagaraju, K		Byatarayappa, Gopalakrishna; Radhika, M.; Bhatta, Umananda M.; Ingale, Deepak, V; Venkatesh, Krishna; Nagaraju, N.; Nagaraju, Kathyayini	A correlation of surface/textural properties of carbon derived from Musa acuminata stem and its high supercapacitance performance with superior cycle stability	JOURNAL OF ENERGY STORAGE	Article			Carbonization of variety of biomass materials and activation using metal salts, oxides carbonates etc., aids in increasing its specific surface area (SSA) and activation site density utilized in many applications. Here, Musa acuminata (banana) stem has been carbonized at 450 degrees C and activated using five different porogens	[Byatarayappa, Gopalakrishna; Bhatta, Umananda M.; Ingale, Deepak, V; Venkatesh, Krishna; Nagaraju, Kathyayini] Jyothy Inst Technol, Ctr Incubat Innovat Res & Consultancy CIIRC, Off Kanakapura Rd, Bengaluru 560082, Karnataka, India; [Radhika, M.] RV Coll Engn, Dept Phys, Bengaluru 560059, Karnataka, India; [Nagaraju, N.] St	R.V. College of Engineering; St. Josephs College	7	ELSEVIER			2021	44		http://dx.doi.org/10.1016/j.est.2021.103424

J	Patil, N; Patil, PN; Rao, PV		Patil, Naganagouda; Patil, Preethi N.; Rao, P. V.	Convolution neural network and deep-belief network (DBN) based automatic detection and diagnosis of Glaucoma	MULTIMEDIA TOOLS AND APPLICATIONS	Article			Diagnosis of Glaucoma eye disease is a challenging task for CADx (computer-aided diagnostics) systems. An automatic CADx framework is developed for diagnosing glaucoma eye disease by handcrafted feature-based segmentation in retinal images. In this manuscript, automatic glaucoma eye disease detection	[Patil, Naganagouda] Visvesvaraya Technol Univ, T John Inst Technol, Dept ECE, Belagavi, India; [Patil, Preethi N.] RV Coll Engn, Dept Comp Applicat, Bangalore, Karnataka, India; [Rao, P. V.] VBIT, Dept Elect & Commun Engn, Hyderabad, TS, India	Visvesvaraya Technological University; R.V. College of Engineering	8	SPRINGER	1380-7501		2021	80	19	http://dx.doi.org/10.1007/s11042-021-11087-5

J	Hadimani, P; Murthy, HNN; Mudbidre, R		Hadimani, Prakash; Narasimha Murthy, H. N.; Mudbidre, Rajalakshmi	Thermal and mechanical properties of glass fibre reinforced polyphenylene ether/polystyrene/nylon-6 ternary blends	POLYMERS & POLYMER COMPOSITES	Review			This paper deals with fabrication and characterization of unique polyphenylene ether/polystyrene/nylon-6/glass composites. Compounding of ternary blends with glass fibres was performed using twin screw co-rotating extruder. Test specimens were fabricated by compression moulding and injection moulding	[Hadimani, Prakash] VTU Belagavi, Steer Engn Private Ltd, Bangalore, Karnataka, India; [Narasimha Murthy, H. N.] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India; [Mudbidre, Rajalakshmi] RV Coll Engn, Dept Chem Engn, Bangalore, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering; R.V. College of Engineering	6	SAGE PUBLICATIONS LTD	0967-3911		2021	29	7	http://dx.doi.org/10.1177/096739112094949 0

J	Rohit, B; Muktinutalapati, NR		Rohit, Benjamin; Muktinutalapati, Nageswara Rao	Fatigue Behavior of 18% Ni Maraging Steels: A Review	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	Review			18% Ni maraging steels are based on the Fe-Ni-Co-Mo system with low-carbon content. They display an excellent combination of high strength and high toughness. However, they suffer from a low fatigue ratio, the ratio decreasing monotonically with increasing strength. Considering prospective applications for these steels involving	[Rohit, Benjamin] Rashtreeya Vidyalaya Coll Engn RVCE, Mysore Rd, Bengaluru 560059, Karnataka, India; [Muktinutalapati, Nageswara Rao] Vellore Inst Technol VIT, Vellore 632014, Tamil Nadu, India	R.V. College of Engineering; Vellore Institute of Technology (VIT); VIT Vellore	15	SPRINGER	1059-9495		2021	30	4	http://dx.doi.org/10.1007/s11665-021-05583-w

J	Radhakrishna		Radhakrishna	Strength Assessment in Portland Cement and Geopolymer Composites with Abrams' Law as Basis	JOURNAL OF ADVANCED CONCRETE TECHNOLOGY	Article			In the recent past, there is growing interest to study the two modes of cementing of materials - i.e., conventional cement concrete and geopolymers in the same investigation to bring about their merits and demerits. As a complement to such studies, in this investigation, the analysis and assessment of strength development	[Radhakrishna] Visvesvaraya Technol Univ, Dept Civil Engn, RV Coll Engn, Bengaluru 560059, India	R.V. College of Engineering; Visvesvaraya Technological University	0	JAPAN CONCRETE INST	1346-8014		2020	18	6	http://dx.doi.org/10.3151/jact.18.320

J	Shylashree, N; Venkatesh, B; Saurab, TM; Srinivasan, T; Nath, V		Shylashree, N.; Venkatesh, B.; Saurab, T. M.; Srinivasan, Tarun; Nath, Vijay	Design and analysis of high-speed 8-bit ALU using 18nm FinFET technology	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	Article			All modern computational devices consist of ALU. With increase in complexity of software and the consistent shift of software towards parallelism, high speed processors with hardware support for time consuming operations such as multiplication would benefit. Smaller, compact devices such as IoT devices need to run software such as	[Shylashree, N.; Venkatesh, B.; Saurab, T. M.; Srinivasan, Tarun] Rashtreeya Vidyalaya Coll Engn, Dept Elect & Commun Engn, Bangalore 560059, Karnataka, India; [Nath, Vijay] Birla Inst Technol Mesra, Dept Elect & Commun Engn, Ranchi 835215, Jharkhand, India	R.V. College of Engineering; Birla Institute of Technology Mesra	6	SPRINGER HEIDELBERG	0946-7076		2019	25	6	http://dx.doi.org/10.1007/s00542-018-4112-y

J	Niranjan, V; Setlur, AS; Karunakaran, C; Uttarkar, A; Kumar, KM; Skariyachan, S		Niranjan, Vidya; Setlur, Anagha Shamsundar; Karunakaran, Chandrashekar; Uttarkar, Akshay; Kumar, Kalavathi Murugan; Skariyachan, Sinosh	Scope of repurposed drugs against the potential targets of the latest variants of SARS-CoV-2 (vol 33, pg 1585, 2022)	STRUCTURAL CHEMISTRY	Correction				[Niranjan, Vidya; Setlur, Anagha Shamsundar; Karunakaran, Chandrashekar; Uttarkar, Akshay] RV Coll Engn, Dept Biotechnol, Bengaluru, Karnataka, India; [Kumar, Kalavathi Murugan] Pondicherry Univ, Dept Bioinformat, Pondicherry, Tamil Nadu, India; [Skariyachan, Sinosh] St Pius X Coll, Dept Microbiol	R.V. College of Engineering; Pondicherry University	0	SPRINGER/PLENUM PUBLISHERS	1040-0400		2022	33	6	http://dx.doi.org/10.1007/s11224-022-02045-4

J	Dubey, RS; Srilali, S; Ravikiran, YT; Babu, GS; Katta, KV		Dubey, R. S.; Srilali, S.; Ravikiran, Y. T.; Babu, G. Satheesh; Katta, K., V	Synthesis and characterization of Znx-1Al2O4(TiO2)x nanocomposite ceramics and their humidity sensing properties	JOURNAL OF MATERIALS SCIENCE	Article			The present study focuses on the sol-gel synthesis and investigation of Znx-1Al2O4(TiO2)(x) nanocomposite ceramics prepared by varying x = 0.1, 0.3 and 0.5 mol. The choice of the sol-gel method lies in its versatility and straightforward approach. The pristine ZnAl2O4 (ZAT(0.0)) sample revealed the cubic phase of spinel ZnAl2O4 with an	[Dubey, R. S.] Swarnandhra Coll Engn & Technol, Dept Nanotechnol, Narsapur, AP, India; [Srilali, S.] Swarnandhra Coll Engn & Technol, Dept Elect & Commun Engn, Narsapur, AP, India; [Ravikiran, Y. T.] Govt Sci Coll, Dept PG Studies & Res Phys, Chitradurga, KA, India; [Babu, G. Satheesh] RV Coll Engn, Interdisciplinary Res Ctr, Mysore	R.V. College of Engineering	2	SPRINGER	0022-2461		2022	57	4	http://dx.doi.org/10.1007/s10853-021-06709-0

C	Madhavi, K; Harshith, VV; Gangadhar, M; Kumar, VC; Raghavendra, T		Madhavi, K.; Harshith, V. V.; Gangadhar, M.; Kumar, V. Chethan; Raghavendra, T.	External strengthening of concrete with natural and synthetic fiber composites	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference and Exposition on Mechanical, Material and Manufacturing Technology (ICE3MT)	OCT 09-10, 2020	The sustainable growth of construction industry mainly depends on the usage of environmental friendly materials. Fiber reinforced polymer (FRP) composites have been used for strengthening of civil engineering structures. Biodegradable composites can contribute to green and safe environment. In this context, Natural fiber	[Madhavi, K.; Harshith, V. V.; Gangadhar, M.; Kumar, V. Chethan; Raghavendra, T.] Visvesvaraya Technol Univ, RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India	Visvesvaraya Technological University; R.V. College of Engineering	14	ELSEVIER	2214-7853		2021	38		http://dx.doi.org/10.1016/j.matpr.2020.08.737

J	Mahesh, B; Kathyayani, D; Nanjundaswamy, GS; Gowda, DC; Sridhar, R		Mahesh, B.; Kathyayani, D.; Nanjundaswamy, G. S.; Gowda, D. Channe; Sridhar, R.	Miscibility studies of plastic-mimetic polypeptide with hydroxypropylmethylcellulose blends and generation of non-woven fabrics	CARBOHYDRATE POLYMERS	Article			In the current investigation, the results of viscometric measurements, thermal property, SEM, XRD and FTIR of the polymer blends containing synthetic plastic-based polypeptide (PLP) with hydroxypropylmethylcellulose (HPMC) on miscibility is discussed. Various interaction parameters; K-H, Delta[eta]m, Delta B, mu_alpha	[Mahesh, B.; Kathyayani, D.; Nanjundaswamy, G. S.] JSS Acad Tech Educ, Dept Chem, Dr Vishnuvardhan Rd, Bengaluru 560060, India; [Gowda, D. Channe] Univ Mysore, Dept Studies Chem, Manasagangotri 570006, Mysuru, India; [Sridhar, R.] RV Coll Engn, Dept Mech Engn, Mysore Rd, Bengaluru	University of Mysore; R.V. College of Engineering	24	ELSEVIER SCI LTD	0144-8617		2019	212		http://dx.doi.org/10.1016/j.carbpol.2019.02.042

J	Rathod, ML; Shivaputra, A; Umadevi, H; Nagamani, K; Periyasamy, S		Rathod, Meenakshi L.; Shivaputra, A.; Umadevi, H.; Nagamani, K.; Periyasamy, Selvakumar	Cloud Computing and Networking for SmartFarm AgriTech	JOURNAL OF NANOMATERIALS	Article			In this paper, the implementation of SmartFarm AgriTech is done using IoT and cloud computing. The current world population is 7.9 billion and supposed to reach 12 billion by 2050, and it is difficult to feed such population in the future. So, for feeding the entire population, the agriculture sector should be embedded with the latest	[Rathod, Meenakshi L.; Shivaputra, A.; Umadevi, H.] Dr Ambedkar Inst Technol, Dept ECE, Bengaluru 56, India; [Nagamani, K.] RV Coll Engn, Dept ETE, Bengaluru, India; [Periyasamy, Selvakumar] Adama Sci & Technol Univ, Sch Mech Chem & Mat Engn, Dept Chem Engn, Adama 1888, Ethiopia	R.V. College of Engineering; Adama Science & Technology University	3	HINDAWI LTD	1687-4110		2022	2022		http://dx.doi.org/10.1155/2022/6491747

J	Sivagnanapalani, P; Ansari, NI; Panda, PK		Sivagnanapalani, P.; Ansari, Naveed Iqbal; Panda, P. K.	Calcium Bismuth Titanate with High Curie Temperature (Tc) for High-Temperature Sensor Applications	JOURNAL OF ELECTRONIC MATERIALS	Article			Bismuth layer-structured ferroelectric (BLSF) ceramics exhibit linearity in resistivity with respect to temperature changes, and therefore find application as high-temperature sensor materials. In this study, calcium bismuth titanate (CBT), a BLSF material, was synthesized by calcining combined	[Sivagnanapalani, P.; Panda, P. K.] CSIR Natl Aerosp Labs, Div Mat Sci, PB 1779, Bangalore 560017, Karnataka, India; [Ansari, Naveed Iqbal] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India	Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL); R.V. College of Engineering	1	SPRINGER	0361-5235		2021	50	8	http://dx.doi.org/10.1007/s11664-021-09029-w

J	Frasin, BA; Swamy, SR; Nirmala, J		Frasin, B. A.; Swamy, S. R.; Nirmala, J.	Some special families of holomorphic and Al-Oboudi type bi-univalent functions related to k-Fibonacci numbers involving modified Sigmoid activation function	AFRIKA MATEMATIKA	Article			The aim of the present paper is to introduce some special families of holomorphic and Al-Oboudi type bi-univalent functions related to k-Fibonacci numbers involving modified Sigmoid activation function phi(s) = 2/1+e(-s), s >= 0 in the open unit disc D. We investigate the upper bounds on initial coefficients for functions of the form	[Frasin, B. A.] Al Al Bayt Univ, Dept Math, Fac Sci, Mafraq, Jordan; [Swamy, S. R.] RV Coll Engn, Dept Comp Sci & Engn, Bangalore 560059, Karnataka, India; [Nirmala, J.] Maharanis Sci Coll Women, Dept Math, Bangalore 560001, Karnataka, India	Al al-Bayt University; R.V. College of Engineering	22	SPRINGER HEIDELBERG	1012-9405		2021	32	3-4	http://dx.doi.org/10.1007/s13370-020-00850-w

J	Jena, M; Manjunatha, C; Shivaraj, BW; Nagaraju, G; Ashoka, S; Aan, MPS		Jena, M.; Manjunatha, C.; Shivaraj, B. W.; Nagaraju, G.; Ashoka, S.; Aan, M. P. Sham	Optimization of parameters for maximizing photocatalytic behaviour of Zn1-xFexO nanoparticles for methyl orange degradation using Taguchi and Grey relational analysis Approach	MATERIALS TODAY CHEMISTRY	Article			In the current work, the Taguchi design of experiment and Grey relational analysis (GRA) was used to optimize various experimental parameters, such as mol% of Fe3+ doping, fuel, wt% of NH4Cl flux, calcination temperature for the preparation of Fe3+ -doped zinc oxide (FZO) by solution combustion synthesis	[Jena, M.; Shivaraj, B. W.] RV Coll Engn, Dept Mech Engn, Bengaluru 590059, India; [Manjunatha, C.; Aan, M. P. Sham] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Nagaraju, G.] Siddaganga Inst Technol, Dept Chem, Tumakuru 572103, India; [Ashoka, S.] Dayananda Sagar Univ, Dept Chem, Bengaluru 560068	R.V. College of Engineering; R.V. College of Engineering; Siddaganga Institute of Technology	29	ELSEVIER SCI LTD	2468-5194		2019	12		http://dx.doi.org/10.1016/j.mtchem.2019.01.004

C	Deepthi, YP; Krishna, M		Deepthi, Y. P.; Krishna, M.	Optimization Of Electroless Copper Coating Parameters On Graphite Particles Using Taguchi And Grey Relational Analysis	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Materials Manufacturing and Modelling (ICMMM)	MAR 09-11, 2017	Electroless process is employed to get uniform coating of copper on graphite particles. Electroless coating process was performed based on Taguchi L16 orthogonal array. Optimal coating parameters were determined by Taguchi method using Grey Relational Analysis. ANOVA technique was further employed to know the optimal	[Deepthi, Y. P.] Amrita Univ, Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Mech Engn, Bengaluru, India; [Krishna, M.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	8	ELSEVIER SCIENCE BV	2214-7853		2018	5	5	http://dx.doi.org/10.1016/j.matpr.2018.02.183

J	Siragam, S; Dubey, RS; Pappula, L; Babu, GS		Siragam, Srilali; Dubey, R. S.; Pappula, Lakshman; Babu, G. Satheesh	Synthesis and investigation of dielectric ceramic nanoparticles for microstrip patch antenna applications	SCIENTIFIC REPORTS	Article			Zinc aluminate ($ZnAl_2O_4$) is a well-recognized ceramic demanded in several microwave applications. Further, the addition of dielectric materials in $ZnAl_2O_4$ improved its dielectric properties, which is promising for the realization of a microstrip patch antenna. This article reports the investigation of $ZnAl_2O_4$-TiO_2 (ZAT) dielectric	[Siragam, Srilali] Swarnandhra Coll Engn & Technol, Dept Elect & Commun Engn, Seetharamapuram, Andhra Pradesh, India; [Siragam, Srilali; Pappula, Lakshman] KoneruLakshmaiah Educ Fdn, Dept ECE, Vaddeswaram, Andhra Pradesh, India; [Dubey, R. S.] Swarnandhra Coll Engn & Technol, Dept Nanotechnol, Seetharama	Koneru Lakshmaiah Education Foundation (K L Deemed to be University); R.V. College of Engineering	7	NATURE PORTFOLIO	2045-2322		2022	12	1	http://dx.doi.org/10.1038/s41598-022-07899-6

C	Bhat, AA; Chikkodi, R; Mahesh, A; Kedar, A		Bhat, Aravind Anant; Chikkodi, Rahul; Mahesh, A.; Kedar, Ashutosh	High Gain, Wide Band and Wide Scanning Substrate Integrated Waveguide based U-Slot Phased Array Antenna for X-band	2022 IEEE MICROWAVES, ANTENNAS, AND PROPAGATION CONFERENCE, MAPCON	Proceedings Paper	IEEE Microwaves, Antennas, and Propagation Conference (MAPCON)	DEC 12-16, 2022	The aim of this research work is to investigate a probable Substrate Integrated Waveguide (SIW) based U-Slot Microstrip Patch Antenna (MPA), operating in X-band to provide a high gain, wide scan coverage and wideband especially for radar applications. The combination of U-Slot and thick substrate leads to wider	[Bhat, Aravind Anant; Chikkodi, Rahul; Mahesh, A.] RV Coll Engn, Dept ECE, Bangalore, Karnataka, India; [Kedar, Ashutosh] Minist Def MoD, DRDO, Elect & Radar Dev Estab LRDE, New Delhi, India	R.V. College of Engineering; Defence Research & Development Organisation (DRDO); Electronics & Radar Development Establishment (LRDE)	0	IEEE		978-1-6654-5203-8	2022			http://dx.doi.org/10.1109/MAPCON56011.2022.10046847

C	Shruthi, M; Bhat, AA; Mahesh, A; Kedar, A		Shruthi, M.; Bhat, Aravind Anant; Mahesh, A.; Kedar, Ashutosh	A Comparative Analysis of Dielectric Lenses for Wide Scanning Performance	2022 IEEE MICROWAVES, ANTENNAS, AND PROPAGATION CONFERENCE, MAPCON	Proceedings Paper	IEEE Microwaves, Antennas, and Propagation Conference (MAPCON)	DEC 12-16, 2022	One of the most challenging aspects of low-profile antenna systems is achieving low scan loss for both azimuth and elevation without compromising the other antenna parameters. A phased array can be used as the feed and the dielectric lens geometry can be reformed for wide scanning capability in addition to gain	[Shruthi, M.; Bhat, Aravind Anant; Mahesh, A.] RV Coll Engn, Dept ECE, Bangalore, Karnataka, India; [Kedar, Ashutosh] DRDO, Minist Def MoD, Elect & Radar Dev Estab LRDE, New Delhi, India	R.V. College of Engineering; Defence Research & Development Organisation (DRDO); Electronics & Radar Development Establishment (LRDE)	0	IEEE		978-1-6654-5203-8	2022			http://dx.doi.org/10.1109/MAPCON56011.2022.10046823

J	Manjunatha, C; Rao, PP; Bhardwaj, P; Raju, H; Ranganath, D		Manjunatha, C.; Preran Rao, P.; Bhardwaj, Parth; Raju, H.; Ranganath, D.	New insight into the synthesis, morphological architectures and biomedical applications of elemental selenium nanostructures	BIOMEDICAL MATERIALS	Review			Selenium nanoparticles have been shown to be versatile in their applications by being used in catalysis, solar cells, electronic devices and especially in medical applications such as antiviral, anticancer, antitumor and antibacterial agents in different concentrations. They have also shown enhanced drug and gene delivery by conjugating with drug	[Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Manjunatha, C.] Visvesvaraya Technol Univ, Belagavi 590018, India; [Preran Rao, P.; Bhardwaj, Parth; Ranganath, D.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Raju, H.] RV Coll Engn, Dept Biotechnol, Bengaluru 560059, India	R.V. College of Engineering; Visvesvaraya Technological University; R.V. College of Engineering; R.V. College of Engineering	11	IOP Publishing Ltd	1748-6041		2021	16	2	http://dx.doi.org/10.1088/1748-605X/abc026

J	Patagar, D; Uttarkar, A; Patra, SM; Patil, JH; Kusanur, R; Niranjan, V; Kumar, HGA		Patagar, Dayanand; Uttarkar, Akshay; Patra, Swarna M.; Patil, Jagadish H.; Kusanur, Raviraj; Niranjan, Vidya; Kumar, H. G. Ashok	Spiro Benzodiazepine Substituted Fluorocoumarins as Potent Anti-Anxiety Agents	RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY	Article			1,5-Benzodiazepines are one of the important class of tranquilizers. The fusion of heterocyclic systems like coumarins and indolines with the benzodiazepine seems quite encouraging for the synthesis of derivatives with enhanced anti-anxiety property. The benzodiazepine derivatives containing fluorine were synthesized	[Patagar, Dayanand; Patra, Swarna M.; Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Patagar, Dayanand; Kusanur, Raviraj] Visvesvaraya Technol Univ, Belagavi 590018, Karnataka, India; [Uttarkar, Akshay; Niranjan, Vidya; Kumar, H. G. Ashok] RV Coll Engn, Dept Biotechnol, Bangalore	R.V. College of Engineering; Visvesvaraya Technological University; R.V. College of Engineering; R.V. College of Engineering	9	MAIK NAUKA/INTERPERIODICA/SPRINGER	1068-1620		2021	47	2	http://dx.doi.org/10.1134/S1068162021020199

C	Ashoka, SB; Manjunath, M; Hanumanthappa, M	Yang, XS; Dey, N; Joshi, A	Ashoka, S. B.; Manjunath, M.; Hanumanthappa, M.	Performance Analysis of Petal Ant Routing (PAR) and Dynamic Source Routing (DSR) in MANET using Network Simulator (NS2)	PROCEEDINGS OF THE 2018 SECOND WORLD CONFERENCE ON SMART TRENDS IN SYSTEMS, SECURITY AND SUSTAINABILITY (WORLDS4)	Proceedings Paper	2nd World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	OCT 30-31, 2018	The system in which wireless device self configure, establish and communicate from one end to the other using wireless channel with no existing fixed network is known as Mobile ad hoc network (MANET). The MANET is another varient of Adhoc network, which creates short-lived network using wirelss	[Ashoka, S. B.] Maharanis Sci Coll Women, Dept MCA, Bangalore 560001, Karnataka, India; [Manjunath, M.] RV Coll Engn, Dept MCA, Bangalore 560059, Karnataka, India; [Hanumanthappa, M.] Bangalore Univ, Dept MCA, Bangalore 560056, Karnataka, India	R.V. College of Engineering; Bangalore University	1	IEEE		978-1-5386-7280-8	2018			

C	Murthy, MAN; Sangwan, KS; Naraharai, NS	Agrawal, R; Jain, JK; Yadav, VS; Manupati, VK; Varela, L	Murthy, M. A. Narasimha; Sangwan, Kuldip Singh; Narahari, N. S.	Progression of EFQM and Deep-Dive into EFQM 2020	RECENT ADVANCES IN SMART MANUFACTURING AND MATERIALS, ICEM 2020	Proceedings Paper	International Conference on Evolution in Manufacturing (ICEM)	DEC 10-12, 2020		[Murthy, M. A. Narasimha] Birla Inst Technol & Sci BITS, Dept Mech Engn, Pilani 333031, Rajasthan, India; [Sangwan, Kuldip Singh] Birla Inst Technol & Sci, Dept Mech Engn, Pilani 333031, Rajasthan, India; [Narahari, N. S.] RV Coll Engn, Dept Ind Engn & Management, Bangalore 560059, Karnataka, India	Birla Institute of Technology & Science Pilani (BITS Pilani); Birla Institute of Technology & Science Pilani (BITS Pilani); R.V. College of Engineering	1	SPRINGER-VERLAG SINGAPORE PTE LTD	2195-4356	978-981-16-3033-0; 978-981-16-3032-3	2021			http://dx.doi.org/10.1007/978-981-16-3033-0_26

C	Binish, CJ; Vijayasankar, AV; Aan, MPS		Binish, C. J.; Vijayasankar, A. V.; Aan, M. P. Sham	Synthesis and characterization of Poly-Vinyl Alcohol-Alumina composite film: An efficient adsorbent for the removal of Chromium (VI) from water	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Emerging Trends in Material Science and Technology (ICETMT)	FEB 10-11, 2022	Composite poly vinyl alcohol-alumina films were synthesized by a novel eco-friendly route in the absence of template. The physico-chemical nature of the synthesized film was studied using different characterization techniques. The poly vinyl alcohol-alumina composite film was found to be an efficient adsorbent for the	[Binish, C. J.] Christ Deemed Be Univ, Dept Chem, Bangalore 560029, India; [Vijayasankar, A. V.] Christ Deemed Be Univ, Sch Engn & Technol, Dept Sci & Humanities, Bangalore 560074, India; [Aan, M. P. Sham] RV Coll Engn, Dept Chem, Bangalore, India	Christ University; Christ University; R.V. College of Engineering	5	ELSEVIER	2214-7853		2022	62		http://dx.doi.org/10.1016/j.matpr.2022.02.629

C	Thammaiah, KA; Shruthi, HG; Prasad, MEG; Kiran, CRS; Badami, SS; Sampathkumar, MC	Heggy, E; Bermudez, V; Vermeersch, M	Thammaiah, K. Ashwin; Shruthi, H. G.; Prasad, M. E. Gowtham; Kiran, C. R. Shashi; Badami, Shrithi S.; Sampathkumar, M. C.	Enviro-Safe Stabilization of Black Cotton Soil-Experimental Study with Optimal Proportion of Stabilizer	SUSTAINABLE ENERGY-WATER-ENVIRONMENT NEXUS IN DESERTS	Proceedings Paper	1st International Conference on Sustainable Energy-Water-Environment Nexus in Desert Climates (ICSEWEN)	DEC 02-05, 2019	Black cotton soil (BCS) is a typical expansive soil having the property of excessive shrinking and swelling based on the variation in its moisture content. Expansive soils are usually prone to severe volumetric variations with an increase in the load intensity of overlying superstructure, making it less preferred as a founding media. In	[Thammaiah, K. Ashwin; Prasad, M. E. Gowtham; Kiran, C. R. Shashi; Badami, Shrithi S.] Rashtreeya Vidyalaya Coll Engn, Bengaluru, Karnataka, India; [Shruthi, H. G.] ATME Coll Engn, Mysuru, Karnataka, India; [Sampathkumar, M. C.] BMS Coll Engn, Bengaluru, Karnataka, India	R.V. College of Engineering; BMS College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2522-8714	978-3-030-76081-6; 978-3-030-76080-9	2022			http://dx.doi.org/10.1007/978-3-030-76081-6_90

C	Srinivas, DB; Hegde, SN; Rajan, MA; Krishnappa, HK	Barolli, L; Takizawa, M; Enokido, T; Ogiela, MR; Javaid, N	Srinivas, D. B.; Hegde, Sujay N.; Rajan, M. A.; Krishnappa, H. K.	A Novel Task Scheduling Scheme for Computational Grids - Greedy approach	PROCEEDINGS 2018 IEEE 32ND INTERNATIONAL CONFERENCE ON ADVANCED INFORMATION NETWORKING AND APPLICATIONS (AINA)	Proceedings Paper	32nd IEEE International Conference on Advanced Information Networking and Applications (AINA)	MAY 16-18, 2018	Demand for computational grid is growing ever since the rise of social networks, Artificial Intelligence based systems (use of machine learning), scientific application, etc. Service providers are aiming towards achieving maximum grid utilization so that they can serve more customers efficiently. The key enablers to achieve optimal	[Srinivas, D. B.; Hegde, Sujay N.] Nitte Meenakshi Inst Technol, Bangalore, Karnataka, India; [Rajan, M. A.] TCS Res & Innovat, Bangalore, Karnataka, India; [Krishnappa, H. K.] RV Coll Engn, Bangalore, Karnataka, India	Nitte Meenakshi Institute of Technology; R.V. College of Engineering	5	IEEE	1550-445X	978-1-5386-2195-0	2018			http://dx.doi.org/10.1109/AINA.2018.00149

J	Rao, P; Ashwini, S; Masood, G; Kusanur, R; Niranjan, V; Patra, SM		Rao, Priyaranjini; Ashwini, S.; Masood, Ghazala; Kusanur, Raviraj; Niranjan, Vidya; Patra, Swarna M.	Bioinformatics Study of Pioglitazone Analogues as Potential Anti-Diabetic Drugs	RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY	Article			The challenges of the twenty-first century for the pharmaceutical industry are to deliver new and safe medicines within a short period of time. Novel drug discovery is a complex and expensive process with decades of the venture. With the present technologies and inventions, the task is much faster in recent years. Computer	[Rao, Priyaranjini] Alliance Univ, Dept Chem, Bengaluru, Karnataka, India; [Ashwini, S.; Masood, Ghazala] GM Inst Technol, Dept Biotechnol, Davangere, Karnataka, India; [Kusanur, Raviraj; Patra, Swarna M.] RV Coll Engn, Dept Chem, Bengaluru, Karnataka, India; [Niranjan, Vidya] RV Coll Engn, Dept Bio Technol, Bengaluru	Alliance University; R.V. College of Engineering; R.V. College of Engineering	0	MAIK NAUKA/INTERPERIODICA/SPRINGER	1068-1620		2022	48	5	http://dx.doi.org/10.1134/S1068162022050017X

C	Ahmad, SF; Ferjani, MY; Kasliwal, K		Ahmad, Syed Farhan; Ferjani, Mohamed Yassine; Kasliwal, Keshav	Enhancing Security in the Industrial IoT Sector using Quantum Computing	2021 28TH IEEE INTERNATIONAL CONFERENCE ON ELECTRONICS, CIRCUITS, AND SYSTEMS (IEEE ICECS 2021)	Proceedings Paper	28th IEEE International Conference on Electronics, Circuits, and Systems (IEEE ICECS)	NOV 28-DEC 01, 2021	The development of edge computing and machine learning technologies have led to the growth of Industrial IoT systems. Autonomous decision making and smart manufacturing are flourishing in the current age of Industry 4.0. By providing more compute power to edge devices and connecting them to the internet, the	[Ahmad, Syed Farhan; Kasliwal, Keshav] RVCE, Dept ECE, Bangalore, Karnataka, India; [Ferjani, Mohamed Yassine] Univ Sfax, ENETCOM, Sfax, Tunisia	R.V. College of Engineering; Universite de Sfax	1	IEEE		978-1-7281-8281-0	2021			http://dx.doi.org/10.1109/ICECS53924.2021.9665527

J	Venugopal, K; Vidya, KA		Venugopal, K.; Vidya, K. A.	Multiple Intruder Locating Dominating Sets in Graphs: An Algorithmic Approach	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	Article			A set S subset of V of vertices (called codewords) of a graph G = (V, E) is called a Multiple Intruder Locating Dominating set (MILD set) if every non-codeword v is adjacent to at least one codeword u which is not adjacent to any other non-codeword. This enables one to locate intruders at multiple locations of a network and hence	[Venugopal, K.] RV Coll Engn, Dept Math, Bengaluru 560059, Karnataka, India; [Vidya, K. A.] Dayananda Sagar Acad Technol & Managemen t, Dept Math, Bengaluru 560082, Karnataka, India	R.V. College of Engineering	1	RGN PUBL	0976-5905		2020	11	2	http://dx.doi.org/10.26713/cma.v11i2.1356

C	Naik, P; Nayak, S	Silhavy, R	Naik, Praveen; Nayak, Shantharam	Intelligence-Software Cost Estimation Model for Optimizing Project Management	SOFTWARE ENGINEERING METHODS IN INTELLIGENT ALGORITHMS, VOL 1	Proceedings Paper	8th Computer Science On-Line Conference (CSOC)	APR 24-27, 2019	With the evolution of pervasive and ubiquitous application, the rise of web-based application as well as its components is quite rising as such applications are used both for development and analysis of the web component by developers. The estimation of software cost is controlled by multiple factors right from human-	[Naik, Praveen] CHRIST Deemed Be Univ, Fac Engn, Dept Comp Sci & Engn, VTU, Bangalore, Karnataka, India; [Nayak, Shantharam] RV Coll Engn, Dept Informat Sci & Engn, Bangalore, Karnataka, India	Christ University; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-030-19807-7; 978-3-030-19806-0	2019	984		http://dx.doi.org/10.1007/978-3-030-19807-7_42

J	Ramakanth, S; Soundarresan, S; Arumuganainar, D; Mamgain, R; Kumaraswamy, HV		Ramakanth, Shreya; Soundarresan, Soundarya; Arumuganainar, Dyana; Mamgain, Reena; Kumaraswamy, Hosadurga V.	Extraction of jet engine parameters from micro-Doppler signatures using continuous wavelet transform	IET RADAR SONAR AND NAVIGATION	Article			Micro-Doppler signatures in jet engine modulated (JEM) radar signals are used to extract jet engine features for automatic target recognition. Herein, a novel algorithm based on the continuous wavelet transform (CWT) is used to determine the spool rate and the number of blades of a jet engine. The return signal is represented	[Ramakanth, Shreya; Soundarresan, Soundarya; Kumaraswamy, Hosadurga V.] RV Coll Engn, Dept Telecommun Engn, Bangalore, Karnataka, India; [Arumuganainar, Dyana; Mamgain, Reena] Def Res & Dev Org, Elect & Radar Dev Estab, Bangalore, Karnataka, India	R.V. College of Engineering; Defence Research & Development Organisation (DRDO); Electronics & Radar Development Establishment (LRDE)	3	WILEY	1751-8784		2021	15	2	http://dx.doi.org/10.1049/rsn2.12029

J	Manjunatha, C; Srinivasa, N; Samriddhi, S; Vidya, C; Ashoka, S		Manjunatha, C.; Srinivasa, N.; Samriddhi, S.; Vidya, C.; Ashoka, S.	Studies on anion-induced structural transformations of iron(III) (Hydr) oxide micro-nanostructures and their oxygen evolution reaction performance	SOLID STATE SCIENCES	Article			Herein, the fundamental studies on the influence of anions, NO3- and SO42-, on the formation of nanostructured alpha-Fe2O3 and alpha-FeOOH has been reported. Interestingly, the nitrate (NO3-) endows the formation of alpha-Fe2O3 while sulphate (SO42-) endows the formation of alpha-FeOOH. Thus, the prepared	[Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Srinivasa, N.; Ashoka, S.] Dayananda Sagar Univ, Sch Engn, Dept Chem, Bengaluru 560068, India; [Samriddhi, S.; Vidya, C.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Manjunatha, C.] Visvesvaraya Technol Univ, Belagavi 590018, India	R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	9	ELSEVIER	1293-2558		2020	106		http://dx.doi.org/10.1016/j.solidstatesciences.2020.106314

C	Arvind, CS; Jyothi, R; Kaushal, K; Girish, G; Saurav, R; Chetankumar, G		Arvind, C. S.; Jyothi, R.; Kaushal, K.; Girish, G.; Saurav, R.; Chetankumar, G.	Edge Computing Based Smart Aquaponics Monitoring System Using Deep Learning in IoT Environment	2020 IEEE SYMPOSIUM SERIES ON COMPUTATIONAL INTELLIGENCE (SSCI)	Proceedings Paper	IEEE Symposium Series on Computational Intelligence (IEEE SSCI)	DEC 01-04, 2020	This research presents an approach to automatic control of the aquaponics system using an autoML algorithm to improve plant and fish growth and help monitor the system using a cloud platform. Is the process of growing plants and fishes maintain an equilibrium in the system is of importance. Hence water-rich with the organic	[Arvind, C. S.; Jyothi, R.; Kaushal, K.; Girish, G.; Saurav, R.; Chetankumar, G.] RV Coll Engn, Dept Elect & Elect, Bengaluru, India; [Arvind, C. S.] ASTAR, Singapore Bioimaging Consortium, Singapore, Singapore	R.V. College of Engineering; Agency for Science Technology & Research (A*STAR); A*STAR - Institute of Bioengineering & Bioimaging (IBB); A*STAR - Singapore Bioimaging Consortium (SBIC)	12	IEEE		978-1-7281-2547-3	2020			

J	Frasin, BA; Swamy, SR; Wanas, AK		Frasin, Basem Aref; Swamy, Sondekola Rudra; Wanas, Abbas Kareem	Subclasses of Starlike and Convex Functions Associated with Pascal Distribution Series	KYUNGPOOK MATHEMATICAL JOURNAL	Article			In the present paper, we determine new characterisations of the subclasses JS*C(alpha, beta;gamma) and JCC(alpha, beta;gamma) of analytic functions associated with Pascal distribution series Phi(m)(q)(z) = z - Sigma(infinity)(n=2)((n+m-12)(m-1))q(n-1)(1 - q)(m)z(n). Further, we give necessary and sufficient Trnt) conditions for an	[Frasin, Basem Aref] Al al Bayt Univ, Fac Sci, Dept Math, Mafraq, Jordan; [Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Wanas, Abbas Kareem] Univ Al Qadisiyah, Coll Sci, Dept Math, Al Diwaniyah, Iraq	Al al-Bayt University; R.V. College of Engineering; University of Al-Qadisiyah	9	KYUNGPOOK NATL UNIV, DEPT MATHEMATICS	1225-6951		2021	61	1	http://dx.doi.org/10.5666/KMJ.2021.61.1.99

C	Ananda, TK; Simran, TG; Sukumara, T; Sasikala, D; Kumar, PR		Ananda, Tulasi K.; Simran, Gitanjali T.; Sukumara, T.; Sasikala, D.; Kumar, Ramakanth P.	Robustness Evaluation of Cyber Physical Systems through Network Protocol Fuzzing	PROCEEDINGS OF THE 2019 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING & COMMUNICATION ENGINEERING (ICACCE-2019)	Proceedings Paper	International Conference on Advances in Computing and Communication Engineering (ICACCE)	APR 04-06, 2019	With the technological explosion of Internet of Things(IoT) and the conception of every particle being tied to the Internet, the security of these globally connected nodes is critical. The availability and reliability of these networked nodes can be guaranteed by securing the physical nodes and the data associated with them but more	[Ananda, Tulasi K.; Simran, Gitanjali T.] GISPL, ABB Abil Innovat Ctr, Electrificat Prod, Res Intern, Bengaluru, India; [Ananda, Tulasi K.] RV Coll Engn, Bengaluru, India; [Simran, Gitanjali T.] Bannari Amman Inst Technol, Sathyamangalam, India; [Sukumara, T.] GISPL, ABB Abil Innovat Ctr, Electrificat Prod, Bengaluru, India;	R.V. College of Engineering; Bannari Amman Institute of Technology; Bannari Amman Institute of Technology; R.V. College of Engineering	1	IEEE		978-1-7281-3250-1	2019			http://dx.doi.org/10.1109/icacce46606.2019.9079995

J	Anand, A; Nussana, L; Aan, MPS; Ekwipoo, K; Sangashetty, SG; Jobish, J		Anand, A.; Nussana, L.; Sham Aan, M. P.; Ekwipoo, K.; Sangashetty, S. G.; Jobish, J.	Synthesis and Characterization of ZnO Nanoparticles and Their Natural Rubber Composites	JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS	Article			Nanoparticles of zinc oxide were synthesized by a solution combustion method. The average size of these particles was analyzed by using X-ray diffraction. Composites of natural rubber and the ZnO nanoparticles were prepared by a latex blending method. The matrix phase was cured by using the crosslinking agent, pentane-1,5-diylidenedia	[Anand, A.; Sangashetty, S. G.] RajaRajeswari Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India; [Nussana, L.; Ekwipoo, K.] Prince Songkla Univ, Fac Sci, Dept Mat Sci & Technol, Hat Yai, Thailand; [Sham Aan, M. P.] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Jobish, J.] RajaRajeswari Coll Engn, Dept Phys, R&D	Prince of Songkla University; R.V. College of Engineering	4	TAYLOR & FRANCIS INC	0022-2348		2020	59	11	http://dx.doi.org/10.1080/00222348.2020.1798097

J	Manjunatha, C; Patil, RS; Sudeep, M; Srinivasa, N; Kumar, RC; Aan, MPS; Ashoka, S		Manjunatha, C.; Patil, Rahul S.; Sudeep, M.; Srinivasa, N.; Kumar, R. Chandra; Aan, M. P. Sham; Ashoka, S.	Rational design and synthesis of hetero-nanostructured electrospun PU@PANI@FeS2 : A surface tailored hybrid catalyst for H2 production via electrochemical splitting of water	SURFACES AND INTERFACES	Article			The rational design of potential and stable electro-catalyst, which yields high hydrogen evolution is most emerging research area and is of great challenge. In this work, we present a simple method for the fabrication of hybrid electrocatalyst, PU@PANI@FeS2, composed of polyurethane (PU), polyaniline (PANI) and	[Manjunatha, C.; Aan, M. P. Sham] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Patil, Rahul S.; Kumar, R. Chandra] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Sudeep, M.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Srinivasa, N.; Ashoka, S.] Dayananda Sagar Univ, Dept Chem	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	14	ELSEVIER	2468-0230		2020	18		http://dx.doi.org/10.1016/j.surfin.2020.100445

J	Gopal, D; Muddebihalkar, AG; Skariyachan, S; Uttarkar, CA; Kaveramma, P; Praveen, U; Shankar, RR; Venkatesan, T; Niranjan, V		Gopal, Dharshini; Muddebihalkar, Aditi G.; Skariyachan, Sinosh; Uttarkar, Akshay C.; Kaveramma, Prinith; Praveen, Ulluvangada; Shankar, Roshini Ravi; Venkatesan, Tejaswini; Niranjan, Vidya	Mitogen activated protein kinase-1 and cell division control protein-42 are putative targets for the binding of novel natural lead molecules: a therapeutic intervention against Candida albicans	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	Article			Candida albicans, fungal yeast causes several lethal infections in immune-suppressed patients and recently emerged as drug-resistant pathogens worldwide. The present study aimed to screen putative drug targets of Candia albicans and to study the binding potential of novel natural lead compounds towards these targets by computation	[Gopal, Dharshini; Muddebihalkar, Aditi G.; Skariyachan, Sinosh; Kaveramma, Prinith; Praveen, Ulluvangada; Shankar, Roshini Ravi; Venkatesan, Tejaswini] Dayananda Sagar Coll Engn, Dept Biotechnol, Bengaluru, India; [Muddebihalkar, Aditi G.; Uttarkar, Akshay C.; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka	Dayananda Sagar College of Engineering; R.V. College of Engineering	10	TAYLOR & FRANCIS INC	0739-1102		2020	38	15	http://dx.doi.org/10.1080/07391102.2019.1682053

J	Jayanthi, S; Kavitha, T		Jayanthi, S.; Kavitha, T.	A modified compact numerical algorithm to solve 2D Navier-Stokes equation	RESULTS IN APPLIED MATHEMATICS	Article			In this paper a modified fourth order compact scheme for solving unsteady 2-D Navier-stokes equation in stream function-vorticity formulation is proposed. The proposed scheme involves domain transformation and the governing cartesian equations are transformed to body fitted coordinate system. Explicit Euler's	[Jayanthi, S.] BMS Coll Engn, Dept Math, Bangalore 560019, Karnataka, India; [Kavitha, T.] RV Coll Engn, Dept Math, Bangalore 560059, Karnataka, India	BMS College of Engineering; R.V. College of Engineering	2	ELSEVIER	2590-0374		2019	3		http://dx.doi.org/10.1016/j.rinam.2019.100065

J	Raghunatha, KR; Shivakumara, IS		Raghunatha, K. R.; Shivakumara, I. S.	Double-Diffusive Convection in an Oldroyd-B fluid Layer-Stability of Bifurcating Equilibrium Solutions	JOURNAL OF APPLIED FLUID MECHANICS	Article			The nonlinear stability of stationary and oscillatory double-diffusive convection in an Oldroyd-B fluid layer is investigated using a perturbation method. The cubic Landau equations are derived and based on which the stability of stationary and oscillatory bifurcating solutions in the neighborhood of their critical	[Raghunatha, K. R.; Shivakumara, I. S.] Bangalore Univ, Dept Math, Bangalore 560056, Karnataka, India; [Raghunatha, K. R.] RV Coll Engn, Dept Math, Bangalore 560059, Karnataka, India	Bangalore University; R.V. College of Engineering	4	ISFAHAN UNIV TECHNOLOGY	1735-3572		2019	12	1	http://dx.doi.org/10.29252/jafm.12.01.28645

J	Venkataswamy, R; Rao, KU; Meena, E		Venkataswamy, R.; Rao, K. Uma; Meena, E.	Transformer performance enhancement by optimized charging strategy for electric vehicles	ARCHIVES OF ELECTRICAL ENGINEERING	Article			Transformer efficiency and regulation, are to be maintained at maximum and minimum respectively by optimal loading, control, and compensation. Charging of electric vehicles at random charging stations will result in uncertain loading on the distribution transformer. The efficiency reduces and regulation increases as a consequence	[Venkataswamy, R.] CHRIST Deemed Univ, Bengaluru, India; [Rao, K. Uma] RV Coll Engn, Bengaluru, India; [Meena, E.] BMS Coll Engn, Bengaluru, India	Christ University; R.V. College of Engineering; BMS College of Engineering	0	POLSKA AKAD NAUK, POLISH ACAD SCIENCES	1427-4221		2022	71	1	http://dx.doi.org/10.24425/aee.2022.140196

J	Vishnumurthy, KA; Girish, KH; Adhikari, AV		Vishnumurthy, K. A.; Girish, K. H.; Adhikari, A. V.	Synthesis, physicochemical properties and computational study of donor-acceptor polymer for optical limiting application	SN APPLIED SCIENCES	Article			A new donor-acceptor configured pi-conjugated polymer P1 with alkoxy pendant groups having cyclic diimide and thiophene core moieties in polymer backbone were efficiently synthesized via polycondensation reaction. The incorporation of cyclic diimide in polymer increased the rigidity and thermal stability of	[Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Girish, K. H.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India; [Adhikari, A. V.] Natl Inst Technol Karnataka, Dept Chem, Mangalore, India	R.V. College of Engineering; R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Karnataka	2	SPRINGER INT PUBL AG	2523-3963		2020	2	10	http://dx.doi.org/10.1007/s42452-020-03523-2

C	Rajpurohit, M; Sawarkar, KG; Pramod, KB; Tuckley, K; Kumarswamy	Janyani, V; Tiwari, M; Singh, G; Minzioni, P	Rajpurohit, Mahavirsingh; Sawarkar, Kishor G.; Pramod, K. B.; Tuckley, Kushal; Kumarswamy	Microstrip Line Geometric Variation Consequences for Linear Parameters of Microwave Amplifiers	OPTICAL AND WIRELESS TECHNOLOGIES, OWT 2017	Proceedings Paper	Conference on Optical and Wireless Technologies (OWT)	JUL 01-02, 2017	This article analyzes and traces the design arrangement of the broadband low noise amplifier (LNA) with geometrical varieties in microstrip line structure divulge circa over the linear parameters like gain, noise figure (NF), return loss (RL), and stability of LNA. Firstly, design of LNA utilizing linear microstrip lines after that LNA	[Rajpurohit, Mahavirsingh; Sawarkar, Kishor G.; Pramod, K. B.] MCTs RGIT, Bombay, Maharashtra, India; [Pramod, K. B.] JAIN Univ, Bangalore, Karnataka, India; [Tuckley, Kushal] AGV Syst, R&D, Bombay, Maharashtra, India; [Kumarswamy] RVCE, Bangalore, Karnataka, India	Jain University; R.V. College of Engineering	1	SPRINGER	1876-1100	978-981-10-7395-3; 978-981-10-7394-6	2018	472		http://dx.doi.org/10.1007/978-981-10-7395-3_58

J	Hari, K; Harlapur, P; Gopalan, A; Ullanat, V; Duddu, AS; Jolly, MK		Hari, Kishore; Harlapur, Pradyumna; Gopalan, Aditi; Ullanat, Varun; Duddu, Atchuta Srinivas; Jolly, Mohit Kumar	Emergent properties of coupled bistable switches	JOURNAL OF BIOSCIENCES	Article			Understanding the dynamical hallmarks of network motifs is one of the fundamental aspects of systems biology. Positive feedback loops constituting one or two nodes - self-activation, toggle switch, and double activation loops - are the commonly observed motifs in regulatory networks underlying cell-fate decision systems. Their	[Hari, Kishore; Duddu, Atchuta Srinivas; Jolly, Mohit Kumar] Indian Inst Sci, Ctr BioSyst Sci & Engn, Bengaluru, India; [Harlapur, Pradyumna] Indian Inst Sci Educ & Res, Dept Biol Sci, Bhopal, India; [Gopalan, Aditi; Ullanat, Varun] RV Coll Engn, Dept Biotechnol, Bengaluru, India	Indian Institute of Science (IISC) - Bangalore; Indian Institute of Science Education & Research (IISER) - Bhopal; R.V. College of Engineering	0	INDIAN ACAD SCIENCES	0250-5991		2022	47	4	http://dx.doi.org/10.1007/s12038-022-00310-6

C	Adiga, AK; Mahesh, A; Dash, JC; Sarkar, D		Adiga, Ashish K.; Mahesh, A.; Dash, Jogesh Chandra; Sarkar, Debdeep	CSRR and Stub Loaded Miniaturised Tri-band Patch Antenna for 5G Base Station Application	2022 IEEE MICROWAVES, ANTENNAS, AND PROPAGATION CONFERENCE, MAPCON	Proceedings Paper	IEEE Microwaves, Antennas, and Propagation Conference (MAPCON)	DEC 12-16, 2022	In this paper, a complementary split ring resonator (CSRR) and stub-loaded miniaturized tri-band microstrip patch antenna is proposed for sub-6 GHz 5G basestation application. First, a CSRR loading is used on a square microstrip patch antenna to achieve dual-band response and antenna miniaturization simultaneou	[Adiga, Ashish K.; Mahesh, A.] RV Coll Engn, Dept ECE, Bengaluru, India; [Dash, Jogesh Chandra; Sarkar, Debdeep] Indian Inst Sci, Dept Elect Commun Engn, Bengaluru, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	0	IEEE		978-1-6654-5203-8	2022			http://dx.doi.org/10.1109/MAPCON56011.2022.10047742

C	Ajay, N; Girish, S; Nagakumar, MS		Ajay, N.; Girish, S.; Nagakumar, M. S.	Use of concrete shear box for measuring the Bingham parameters of SCC	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	Flow characterization and controlling of fresh property of Self-compacting concrete (SCC) is most critical than conventional vibrated concrete (CVC) since slight variation in ingredients can have adverse effect on fresh properties, strength and durability of hardened concrete. Therefore rheological studies are important to	[Ajay, N.; Girish, S.] BMS Coll Engn, Dept Civil Engn, Bangalore 560019, Karnataka, India; [Nagakumar, M. S.] RV Coll Engn, Dept Civil Engn, Bangalore 560059, Karnataka, India	BMS College of Engineering; R.V. College of Engineering	2	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.09.714

J	Tatpatti, G; Sitaram, N; Viswanath, K		Tatpatti, G.; Sitaram, N.; Viswanath, K.	Computational and Experimental Investigations of Separation Control of LP Turbine Cascade Blades using Gurney Flaps	JOURNAL OF APPLIED FLUID MECHANICS	Article			The paper reports computational and experimental investigations carried out to control of laminar flow separation in LP turbine cascade blades at low Reynolds numbers. T106 LP turbine blade profile with a chord of 60 mm and blade spacing of 48 mm was used. The blade Zweifel loading factor was	[Tatpatti, G.] RV Coll Engn, Dept Mech Engn, Mysuru Rd, Rv Vidyaniketh an Post 560059, Bengaluru, India; [Sitaram, N.; Viswanath, K.] Indian Inst Technol Madras, Dept Mech Engn, Chennai 600036, Tamil Nadu, India	R.V. College of Engineering; Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Madras	3	ISFAHAN UNIV TECHNOLOGY	1735-3572		2021	14	3	http://dx.doi.org/10.47176/jafm.14.03.31857

J	Krishna, RH; Chandraprabha, MN; Mamatha, GM; Mallappa, M; Kundagol, D; Manjunatha, C		Krishna, R. Hari; Chandraprabha, M. N.; Mamatha, G. M.; Mallappa, M.; Kundagol, Deepa; Manjunatha, C.	Non-enzymatic Catalytic Oxidation of Glucose and Dual Mode Sensing by Fluorescence/Electrochemical Methods Using MO-GO Composites (MO = ZnO, CuO, NiO and Co3O4)	TOPICS IN CATALYSIS	Article; Early Access			Nano semiconductors have been recently explored for various electrochemical and optical sensors for remote and non-invasive measurement of biomolecules at lower concentrations. Sensitivity of detection in any technique is influenced by the sensing material employed for detection. Till date, there are no reports on	[Krishna, R. Hari] MS Ramaiah Inst Technol, Dept Chem, Bangalore 560054, Karnataka, India; [Chandraprabha, M. N.; Kundagol, Deepa] MS Ramaiah Inst Technol, Dept Biotechnol, Bangalore 560054, Karnataka, India; [Mamatha, G. M.] MS Ramaiah Inst Technol, Dept Elect & Elect Engn, Bangalore 560054	Ramaiah Institute of Technology; Ramaiah Institute of Technology; Ramaiah Institute of Technology; REVA University; R.V. College of Engineering	4	SPRINGER/PLENUM PUBLISHERS	1022-5528		2022			http://dx.doi.org/10.1007/s11244-022-01588-4

J	Nagaraju, P; Sachina, DH; Khan, I; Kumaraswamy, HV; Sudhindra, KR		Nagaraju, P.; Sachina, D. H.; Khan, Imran; Kumaraswamy, H., V; Sudhindra, K. R.	Analysis of C-shape Slotted MSPA for 5G Sub Band Applications on Three Different Substrates	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATIONS	Article			comparative analysis of a compact planar Square patch Microstrip Multiband antenna on three different substrates is proposed. The proposed design has a C-shaped slot etched on the square radiating part and the antenna is energized using microstrip feed line. RT Duroid (epsilon(r) = 2.2), Taconic (epsilon(r) =3.2) and FR4	[Nagaraju, P.; Kumaraswamy, H., V] RVCE, Dept Elect & Telecommun Engn, Bangalore, India; [Khan, Imran] Govt Engn Coll, Dept Elect & Commun Engn, Ramanagara, India; [Sachina, D. H.; Sudhindra, K. R.] BMSCE, Dept Elect & Commun Engn, Bangalore, India	R.V. College of Engineering; BMS College of Engineering	0	POLSKA AKAD NAUK, POLISH ACAD SCIENCES	2081-8491		2022	68	4	http://dx.doi.org/10.24425/ijet.2022.143877

J	Arjun, R; Raghavan, B; Gupta, T		Arjun, R.; Raghavan, Bharath; Gupta, Tribikram	Role of pore geometry in gas separation using nanoporous graphene - A study in contrast between equilibrium and non-equilibrium cases	CHEMICAL PHYSICS LETTERS	Article			This study probes the effect of pore geometry for separation of H-2 and CH4 mixture using molecular dynamics.The effect of pore geometry on the permeation of gas is characterized by geometric factors such as minor axis, eccentricity and jaggedness of the pore. We study differences between equilibrium and non-	[Arjun, R.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India; [Raghavan, Bharath] Carnegie Mellon Univ, Dept Chem Engn, Pittsburgh, PA 15213 USA; [Gupta, Tribikram] RV Coll Engn, Dept Phys, Bangalore, Karnataka, India	R.V. College of Engineering; Carnegie Mellon University; R.V. College of Engineering	2	ELSEVIER	0009-2614		2020	760		http://dx.doi.org/10.1016/j.cplett.2020.137971

J	Kumari, D; Nagaraja, HG; Kumar, DLK		Kumari, Dipansha; Nagaraja, H. G.; Kumar, D. L. Kiran	INVARIANT SUBMANIFOLDS OF N(k)-CONTACT METRIC MANIFOLDS WITH GENERALIZED TANAKA WEBSTER CONNECTION	JOURNAL OF APPLIED MATHEMATICS & INFORMATICS	Article			The object of the present paper is to study some geometric properties of invariant submanifolds of N(k)-contact metric manifold admitting generalized Tanaka-Webster connection.	[Nagaraja, H. G.] Bangalore Univ, Dept Math, Bengaluru 560056, India; [Kumar, D. L. Kiran] Rv Coll Engn, Dept Math, Bengaluru, India	Bangalore University; R.V. College of Engineering	0	KOREAN SOC COMPUTATIONAL & APPLIED MATHEMATICS-KSCAM	2734-1194		2022	40	3-4	http://dx.doi.org/10.14317/jami.2022.741

J	Sarkar, S; Bhaskar, MS; Rao, KU; Prema, V; Almakhles, D; Subramaniam, U		Sarkar, Sushmita; Bhaskar, M. S.; Rao, K. Uma; Prema, V; Almakhles, Dhafer; Subramaniam, Umashankar	Solar PV network installation standards and cost estimation guidelines for smart cities	ALEXANDRIA ENGINEERING JOURNAL	Article			For smart cities, the successful large-scale implementation of solar PV technology, Quality Certification and Standards are mandatory. The International Electrotechnical Commission (IEC) is a global organization for standardization consisting of all IEC national committees. The IEC PV standards comprise	[Sarkar, Sushmita; Rao, K. Uma] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, India; [Bhaskar, M. S.; Almakhles, Dhafer; Subramaniam, Umashankar] Prince Sultan Univ, Coll Engn, Dept Commun & Networks Engn, Renewable Energy Lab, Riyadh 11586, Saudi Arabia; [Prema, V] BMS Coll	R.V. College of Engineering; Prince Sultan University; BMS College of Engineering	6	ELSEVIER	1110-0168		2022	61	2	http://dx.doi.org/10.1016/j.aej.2021.06.098

J	Skariyachan, S; Muddebihalkar, AG; Badrinath, V; Umashankar, B; Eram, D; Uttarkar, A; Niranjan, V		Skariyachan, Sinosh; Muddebihalkar, Aditi G.; Badrinath, Vaishnavi; Umashankar, Bindu; Eram, Daniya; Uttarkar, Akshay; Niranjan, Vidya	Natural epiestriol-16 act as potential lead molecule against prospective molecular targets of multidrug resistant Acinetobacter baumannii-Insight from in silico modelling and in vitro investigations	INFECTION GENETICS AND EVOLUTION	Article			The current study aimed to identify putative drug targets of multidrug resistant Acinetobacter baumannii (MDRAb) and study the therapeutic potential of natural epiestriol-16 by computer aided virtual screening and in vitro studies. The clinical isolates (n = 5) showed extreme dug resistance to carbapenem	[Skariyachan, Sinosh] St Pius X Coll Rajapuram, Dept Microbiol, Kasaragod, Kerala, India; [Skariyachan, Sinosh; Muddebihalkar, Aditi G.; Badrinath, Vaishnavi; Umashankar, Bindu; Eram, Daniya] Dayananda Sagar Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India; [Uttarkar, Akshay; Niranjan, Vidya] RV Coll Engn, Dept	Dayananda Sagar College of Engineering; R.V. College of Engineering	14	ELSEVIER	1567-1348		2020	82		http://dx.doi.org/10.1016/j.meegid.2020.104314

C	Sowmya, M; Vatsala, AS	Sivasundaram, S	Sowmya, M.; Vatsala, Aghalaya. S.	Mixed Generalized Iterative Method For Scalar First Order Non-linear Initial Value Problem With Applications	ICNPAA 2018 WORLD CONGRESS: 12TH INTERNATIONAL CONFERENCE ON MATHEMATICAL PROBLEMS IN ENGINEERING, AEROSPACE AND SCIENCES	Proceedings Paper	12th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences (ICNPAA)	JUL 03-06, 2018	In this paper, we provide the mixed generalized iterative method for scalar first order non-linear initial value problem, where the forcing function is the sum of increasing, decreasing, convex and concave functions. We develop the generalized iterative coupled lower and upper solutions of mixed type. Our method will yield generalized monotone	[Sowmya, M.] RV Coll Engn, Dept Math, Bengaluru 560059, Karnataka, India; [Vatsala, Aghalaya. S.] Univ Louisiana Lafayette, Dept Math, Lafayette, LA 70504 USA	R.V. College of Engineering; University of Louisiana Lafayette	0	AMER INST PHYSICS	0094-243X	978-0-7354-1772-4	2018	2046		http://dx.doi.org/10.1063/1.5081618

J	Monika, P; Chandraprabha, MN; Krishna, RH; Vittal, M; Likhitha, C; Pooja, N; Chaudhary, V; Manjunatha, C		Monika, Prakash; Chandraprabha, M. N.; Krishna, R. Hari; Vittal, Maanya; Likhitha, C.; Pooja, N.; Chaudhary, Vishal; Manjunatha, C.	Recent advances in pomegranate peel extract mediated nanoparticles for clinical and biomedical applications	BIOTECHNOLOGY AND GENETIC ENGINEERING REVIEWS	Review; Early Access			Manufacturing new materials at the nanoscale level is a field that is rapidly expanding with widespread application in advanced science and MMT is effectively used for the technology. Nanoparticles (NP), the building blocks of nanotechnology, exhibit improved properties than the larger counterparts and can be prepared from a variety of metals	[Monika, Prakash; Chandraprabha, M. N.; Vittal, Maanya; Likhitha, C.; Pooja, N.] MS Ramaiah Inst Technol, Dept Biotechnol, Bangalore 560054, Karnataka, India; [Chandraprabha, M. N.; Krishna, R. Hari] MS Ramaiah Inst Technol, Ctr Bio & Energy Mat Innovat, Bangalore, Karnataka, India; [Krishna, R. Hari] MS	Ramaiah Institute of Technology; Ramaiah Institute of Technology; Ramaiah Institute of Technology; University of Delhi; University of Delhi; R.V. College of Engineering; R.V. College of Engineering	14	TAYLOR & FRANCIS LTD	0264-8725		2022			http://dx.doi.org/10.1080/02648725.2022.2122299

J	Shantha la, K; Sreeniv asa, TN; Murthy, HNN; Dond, S; Choudh ury, H; Sharma, A		Shanthala, K.; Sreenivasa , T. N.; Murthy, H. N. Narasimha ; Dond, Shanthara m; Choudhur y, Hitesh; Sharma, Archana	Joining of tubular steel-steel by unconventio nal magnetic pulse force: environment ally friendly technology	BULLETI N OF MATERIA LS SCIENCE	Article			Electromagn etic welding uses environment -friendly, unconventio nal non-contacting magnetic pulse force for joining of two metals. The present paper focuses on the welding of tubular mild steel to two different steel bars, ferrite-pearlite 1018 carbon steel and austenite 304 stainless steel using a 40 kJ electromagn	[Shanthala, K.; Sreenivasa, T. N.] Visvesvaray a Technol Univ, AMC Engn Coll, Bengaluru 560083, India; [Murthy, H. N. Narasimha] RV Coll Engn, Bengaluru 560059, India; [Dond, Shantharam; Choudhury, Hitesh; Sharma, Archana] Bhabha Atom Res Ctr, Mumbai 400085, Maharashtra , India	Visvesv araya Technol ogical Universi ty; R.V. College of Enginee ring; Bhabha Atomic Researc h Center (BARC)	7	INDIA N ACAD SCIEN CES	0250-4707		2019	42	6	http://dx .doi.org/ 10.1007/ s12034-019-1947-5

C	Gangadhar, TG; Girish, DP; Satheesh, J; Chandra, ACP; Vishal		Gangadhar, T. G.; Girish, D. P.; Satheesh, J.; Chandra, A. C. Prapul; Vishal	Study on mechanical properties of Al7050 alloy hybrid composites by stir casting method	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials, Ceramics and Engineering Sciences (AMCES)	JAN 17-18, 2020	This paper reports on the mechanical properties of Al7050 based hybrid composites reinforced with Zirconium dioxide and fly ash particles. Composites were prepared using a stir casting technique utilizing the different stirring speeds of 200, 250, and 300 rpm. Flyash content was varied from 3 wt% to 7 wt% in steps of 2 wt%	[Gangadhar, T. G.; Satheesh, J.; Vishal] SJBIT, Dept Mech Engn, Bengaluru, India; [Girish, D. P.] GEC, Dept Mech Engn, Ramanagaram, India; [Chandra, A. C. Prapul] RV Coll Engn, Dept Mech Engn, Bengaluru, India	SJB Institute of Technology; R.V. College of Engineering	3	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.12.471

C	Gangadhar, TG; Girish, DP; Chandra, ACP; Raj, KVK		Gangadhar, T. G.; Girish, D. P.; Chandra, A. C. Prapul; Raj, K. V. Karthik	Effect of hybrid reinforcements on corrosion characteristics of Al7075 based composites	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials, Ceramics and Engineering Sciences (AMCES)	JAN 17-18, 2020	Owing to light weight and excellent formability aluminum alloys and composite are widely used for automotive, aerospace and marine applications. In this study, multiple reinforcements namely, mica, Graphite, and e-glass fibers were utilized to synthesis Al7075 alloy-based composites. The hybrid composites with different content of reinforceme	[Gangadhar, T. G.; Raj, K. V. Karthik] SJBIT, Dept Mech Engn, Bengaluru, India; [Girish, D. P.] GEC, Dept Mech Engn, Ramanagaram, India; [Chandra, A. C. Prapul] RV Coll Engn, Dept Mech Engn, Bengaluru, India	SJB Institute of Technology; R.V. College of Engineering	1	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.12.779

C	Ashok, R; Ananth, GS; Gupta, S		Ashok, Rakesh; Ananth, Gargeswari Seshasaye; Gupta, Shalabh	Optical phase-locked loop based carrier phase recovery and compensation for 8-PSK coherent optical links	2019 WORKSHOP ON RECENT ADVANCES IN PHOTONICS (WRAP)	Proceedings Paper	Workshop on Recent Advances in Photonics (WRAP)	DEC 13-14, 2019	Coherent optical links with analog and optical signal processing are expected to replace existing intensity modulation and direct detection based techniques in the near future for achieving energy efficiency in inter and intra data center interconnects. Carrier synchronization is one of the key challenges in these optical links. We	[Ashok, Rakesh; Gupta, Shalabh] Indian Inst Technol, Dept Elect Engn, Mumbai 400076, Maharashtra, India; [Ananth, Gargeswari Seshasayee] RV Coll Engn, Elect & Commun Engn Dept, Bengaluru 560059, India	Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Bombay; R.V. College of Engineering	0	IEEE		978-1-7281-4749-9	2019			

J	Frasin, BA; Swamy, SR; Aldawish, I		Frasin, Basem Aref; Swamy, Sondekola Rudra; Aldawish, Ibtisam	A Comprehensive Family of Biunivalent Functions Defined by k-Fibonacci Numbers	JOURNAL OF FUNCTION SPACES	Article			By using k-Fibonacci numbers, we present a comprehensive family of regular and biunivalent functions of the type g(z) = z+ Sigma(infinity)(j=2) d(j)z(j) in the open unit disc D. We estimate the upper bounds on initial coefficients and also the functional of Fekete-Szego for functions in this family. We also discuss few interesting observations and	[Frasin, Basem Aref] Al Al Bayt Univ, Dept Math, Fac Sci, Mafraq, Jordan; [Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Aldawish, Ibtisam] Imam Mohammad Ibn Saud Islam Univ, Dept Math & Stat, Coll Sci, POB 90950, Riyadh 11623, Saudi Arabia	Al al-Bayt University; R.V. College of Engineering; Imam Mohammad Ibn Saud Islamic University (IMSIU)	4	HINDAWI LTD	2314-8896		2021	2021		http://dx.doi.org/10.1155/2021/4249509

C	Sriranga, BK; Kirthan, LJ; Ananda, G		Sriranga, B. K.; Kirthan, L. J.; Ananda, G.	The mechanical properties of hybrid laminates composites on epoxy resin with natural jute fiber and S-glass fibers	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	1st International Conference on Advanced Trends in Mechanical and Aerospace Engineering (ATMA)	NOV 07-09, 2019	The natural jute fiber existed on the earth surface at free of cost. These jute fibers over the hundreds of year have been used in applications of making beds, ropes, and artificial bags. For current demands, the hybrid materials are essential to multiple processing properties for structural aspects and product design. In this paper	[Sriranga, B. K.] Don Bosco Inst Technol, Dept Mech Engn, Bangalore 560074, Karnataka, India; [Kirthan, L. J.] RV Coll Engn, Dept Mech Engn, Bangalore 560054, Karnataka, India; [Ananda, G.] Visvesvaraya Technol Univ, Dept Mech Engn, Belagavi 590018, India	R.V. College of Engineering; Visvesvaraya Technological University	5	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2021.05.363

J	Nath, KB; Nayak, S; Ambareesh, R; Ganesan, S; Reddy, CS		Nath, K. Badari; Nayak, Shantharam; Ambareesh, Revanur; Ganesan, S.; Reddy, C. Srinivasa	Design and development of electronic jacquard for Korai mat weaving loom	INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH	Article			A low-cost computerised mat weaving handloom has been developed. After successful field trials at the client locations, 300% increase in productivity is observed. Now any weaver can weave mat of any design within 2 days instead of 6-8 days, increasing their earning per mat. Easy to use pedalling mechanism, electronic	[Nath, K. Badari; Nayak, Shantharam; Ambareesh, Revanur] RV Coll Engn, Comp Sci & Engn Dept, Bengaluru 560059, India; [Ganesan, S.] Indian Inst Technol, RuTAG Cell, Chennai 600036, Tamil Nadu, India; [Reddy, C. Srinivasa] Sai Handloom Ind, Hindupur 515201, India	R.V. College of Engineering; Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Madras	0	NATL INST SCIENCE COMMUNICATION-NISCAIR	0971-0426		2019	44	3	

J	Swamy, SR; Frasin, BA; Aldawish, I		Swamy, Sondekola Rudra; Frasin, Basem Aref; Aldawish, Ibtisam	Fekete-Szego Functional Problem for a Special Family of m-Fold Symmetric Bi-Univalent Functions	MATHEMATICS	Article			In the current work, we introduce a special family of the function family of analytic and m-fold symmetric bi-univalent functions and obtain estimates of the Taylor-Maclaurin coefficients vertical bar d(m+1)vertical bar and vertical bar d(2m+1)vertical bar for functions in the special family. For delta a real number, Fekete-Szego functional vertical bar d(2m+1) -	[Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, India; [Frasin, Basem Aref] Al Al Bayt Univ, Fac Sci, Dept Math, Mafraq 25113, Jordan; [Aldawish, Ibtisam] Imam Mohammad IBN Saud Islamic Univ, Coll Sci, Dept Math & Stat, Riyadh 11623, Saudi Arabia	R.V. College of Engineering; Al al-Bayt University; Imam Mohammad Ibn Saud Islamic University (IMSIU)	8	MDPI			2022	10	7	http://dx.doi.org/10.3390/math10071165

J	Vidya, C; Manjunatha, C; Sudeep, M; Ashoka, S; Raj, MALA		Vidya, C.; Manjunatha, C.; Sudeep, M.; Ashoka, S.; Raj, M. A. Lourdu Antony	Photo-assisted mineralisation of titan yellow dye using ZnO nanorods synthesised via environmental benign route	SN APPLIED SCIENCES	Article			Green synthesis of metal oxide nanoparticles using plant extract is a most promising substitute for regular methods that involve chemical synthesis approach. The present study reports the synthesis of ZnO nano rods (ZNRs) using Calotropis gigantea, a plant rich in flavonoids and alkaloids and their application as a photocatalys	[Vidya, C.; Sudeep, M.; Raj, M. A. Lourdu Antony] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Manjunatha, C.] Visvesvaraya Technol Univ, Belagavi 590018, India; [Ashoka, S.] Dayananda Sagar Univ, Dept Chem, Bengaluru 560068	R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	20	SPRINGER INT PUBL AG	2523-3963		2020	2	4	http://dx.doi.org/10.1007/s42452-020-2537-2

J	Hari, K; Ullanat, V; Balasubramanian, A; Gopalan, A; Jolly, MK		Hari, Kishore; Ullanat, Varun; Balasubramanian, Archana; Gopalan, Aditi; Jolly, Mohit Kumar	Landscape of epithelial-mesenchymal plasticity as an emergent property of coordinated teams in regulatory networks	ELIFE	Article			Elucidating the design principles of regulatory networks driving cellular decision-making has fundamental implications in mapping and eventually controlling cell-fate decisions. Despite being complex, these regulatory networks often only give rise to a few phenotypes. Previously, we identified two 'teams' of nodes in	[Hari, Kishore; Jolly, Mohit Kumar] Indian Inst Sci Bangalore, Ctr Biosyst Sci & Engn, Bangalore, India; [Ullanat, Varun; Gopalan, Aditi] RV Coll Engn, Dept Biotechnol, Bangalore, India; [Balasubramanian, Archana] PES Univ, Dept Biotechnol, Bangalore, India	Indian Institute of Science (IISC) - Bangalore; R.V. College of Engineering; PES University	22	eLIFE SCIENCES PUBL LTD	2050-084X		2022	11		http://dx.doi.org/10.7554/eLife.76535

C	Vangol, P; Mahesh, A; Dash, JC; Sarkar, D		Vangol, Pratap; Mahesh, A.; Dash, Jogesh Chandra; Sarkar, Debdeep	Design of an S-Band Transmit-Mode Active Integrated Antenna for Low Power IoT Application	2022 IEEE MICROWAVES, ANTENNAS, AND PROPAGATION CONFERENCE, MAPCON	Proceedings Paper	IEEE Microwaves, Antennas, and Propagation Conference (MAPCON)	DEC 12-16, 2022	In this paper, we present the design of a transmitmode active integrated antenna (AIA) operating in the S-band. The proposed design consists of a radiating structure with an integrated transistor (HBT: Heterojunction Bipolar Transistor) based Negative Impedance Converter(NIC) which collectively forms the transmit-mode AIA. Here, a	[Vangol, Pratap; Mahesh, A.] RV Coll Engn, Dept ECE, Bengaluru, India; [Dash, Jogesh Chandra; Sarkar, Debdeep] Indian Inst Sci, Dept Elect Commun Engn, Bengaluru, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	0	IEEE		978-1-6654-5203-8	2022			http://dx.doi.org/10.1109/MAPCON56011.2022.10047711

J	Skariyachan, S; Gopal, D; Kadam, SP; Muddebihalkar, AG; Uttarkar, A; Niranjan, V		Skariyachan, Sinosh; Gopal, Dharshini; Kadam, Sanjana Pratab; Muddebihalkar, Aditi G.; Uttarkar, Akshay; Niranjan, Vidya	Carbon fullerene acts as potential lead molecule against prospective molecular targets of biofilm-producing multidrug-resistant Acinetobacter baumanni and Pseudomonas aerugenosa: computational modeling and MD simulation studies	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	Article			This study aimed to screen putative drug targets associated with biofilm formation of multidrug-resistant Acinetobacter baumannii and Pseudomonas areugenosa and prioritize carbon nano-fullerene as potential lead molecule by structure-based virtual screening. Based on the functional	[Skariyachan, Sinosh] St Pius X Coll, Dept Microbiol, Kasaragod, Kerala, India; [Gopal, Dharshini; Kadam, Sanjana Pratab; Muddebihalkar, Aditi G.] Dayananda Sagar Coll Engn, Dept Biotechnol, Bengaluru, India; [Muddebihalkar, Aditi G.; Uttarkar, Akshay; Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bengaluru, India	Dayananda Sagar College of Engineering; R.V. College of Engineering	4	TAYLOR & FRANCIS INC	0739-1102		2021	39	3	http://dx.doi.org/10.1080/07391102.2020.1726821

J	Katiyar, R; Rani, KRU; Sindhu, TS; Jain, HDS; Vidhyashree, V; Ashoka, S; Channegowda, M		Katiyar, Rajani; Usha Rani, K. R.; Sindhu, T. S.; Sneha Jain, H. D.; Vidhyashree, V.; Ashoka, S.; Channegowda, Manjunatha	Design and development of electrochemical potentiostat circuit for the sensing of toxic cadmium and lead ions in soil	ENGINEERING RESEARCH EXPRESS	Article			Contamination of heavy metal ions in soils has proved to be a significant concern and it poses many health risks. Conventional methods used for the identification and detection of heavy metals were non portable and not suitable for onsite applications. The proposed work is to design a low cost electronic circuit for the detection of	[Katiyar, Rajani; Usha Rani, K. R.; Sindhu, T. S.; Sneha Jain, H. D.; Vidhyashree, V.] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru 560059, India; [Ashoka, S.] Dayananda Sagar Univ, Dept Chem, Bengaluru 560068, India; [Channegowda, Manjunatha] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Channegow	R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	3	IOP Publishing Ltd	2631-8695		2021	3	4	http://dx.doi.org/10.1088/2631-8695/ac3637

J	Deshpande, RR; Bhatt, MR; Madhavi, CHR		Deshpande, Rashmi R.; Bhatt, Mahabaleswara Ram; Madhavi, C. H. Renu	Accuracy in Depth Recovery and 3D Image Synthesis From Single Image Using Multi-Color Filter Aperture and Shallow Depth of Field	IEEE ACCESS	Article			A computational 3D image generation using a single view with multi-color filter aperture (MCA) and multi-plane representation is a cost-effective approach and most useful when there is no option to acquire either stereo or multi-views with orientation at all. Although this approach generates 3D perception image that includes multiple	[Deshpande, Rashmi R.] Visvesvaraya Technol Univ Belagavi, Res Ctr Elect & Instrumentat Engn, RV Coll Engn, Bengaluru 560059, India; [Bhatt, Mahabaleswara Ram] Renalyx Hlth Syst Private Ltd, Bengaluru 560004, India; [Bhatt, Mahabaleswara Ram] Rx Digi Hlth Platform Private Ltd, Bengaluru 560004, India; [Madhavi	Visvesvaraya Technological University; R.V. College of Engineering; R.V. College of Engineering	0	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	2169-3536		2021	9		http://dx.doi.org/10.1109/ACCESS.2021.3109865

J	Kavitha, J; Rajalakshmi, M; Phani, AR; Sherugar, P; Padaki, M		Kavitha, J.; Rajalakshmi, M.; Phani, A. R.; Sherugar, P.; Padaki, M.	A transport channel-regulated graphene oxide-based composite membranes for salt rejection	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	Article			Improving the productivity without any compromise in selectivity is major challenge in membrane-based separation. Dense reverse osmosis membranes are being used for desalination; however, the first attempt has been made to amalgamate graphene oxide with polysulfone to develop loose composite membranes. With a	[Kavitha, J.; Rajalakshmi, M.; Padaki, M.] RV Coll Engn, Dept Chem Engn, Bengaluru, Karnataka, India; [Phani, A. R.] Nano RAM Technol, Bidadi Ind Estate, Bengaluru 562109, Karnataka, India; [Sherugar, P.; Padaki, M.] Jain Univ, Ctr Nano & Mat Sci, Jain Global Campus, Bangalore 562112, Karnataka, India	R.V. College of Engineering; Jain University	0	SPRINGER	1735-1472		2023	20	9	http://dx.doi.org/10.1007/s13762-022-04562-5

J	Abhilash, CR; Thakkar, JJ		Abhilash, C. R.; Thakkar, Jitesh J.	Application of Six Sigma DMAIC methodology to reduce the defects in a telecommunication cabinet door manufacturing process A case study	INTERNATIONAL JOURNAL OF QUALITY & RELIABILITY MANAGEMENT	Article			Purpose The purpose of this paper is to apply the Six Sigma DMAIC methodology in order to reduce the rejections experienced in the manufacturing of the doors belonging to a telecommunication cabinet. Design/methodology/approach The process involved joining of sheet metal and hinge using welding operations with the	[Abhilash, C. R.] RV Coll Engn, Dept Ind Engn & Management, Bangalore, Karnataka, India; [Thakkar, Jitesh J.] Indian Inst Technol Kharagpur, Dept Ind & Syst Engn, Kharagpur, W Bengal, India	R.V. College of Engineering; Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Kharagpur	9	EMERALD GROUP PUBLISHING LTD	0265-671X		2019	36	9	http://dx.doi.org/10.1108/IJQRM-12-2018-0344

J	Swamy, SR; Bulut, S; Sailaja, Y		Swamy, Sondekola Rudra; Bulut, Serap; Sailaja, Yerragunta	Some special families of holomorphic and Salagean type bi-univalent functions associated with Horadam polynomials involving a modified sigmoid activation function	HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS	Article			The aim of this paper is to introduce some special families of holomorphic and Salagean type bi-univalent functions by making use of Horadam polynomials involving the modified sigmoid activation function phi(s) = 2/1+e(-s) , s >= 0 in the open unit disc D. We investigate the upper bounds on initial coefficients for functions of	[Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Bulut, Serap] Kocaeli Univ, Fac Aviat & Space Sci, Arslanbey Campus, TR-41285 Kocaeli, Turkey; [Sailaja, Yerragunta] RV Coll Engn, Dept Math, Bengaluru 560059, Karnataka, India	R.V. College of Engineering; Kocaeli University; R.V. College of Engineering	10	HACETTEPE UNIV, FAC SCI			2021	50	3	http://dx.doi.org/10.15672/hujms.695858

J	Manjulamma, U; Nagaraja, HG; Kumar, DLK		Manjulamma, Uppara; Nagaraja, H. G.; Kumar, Kiran D. L.	GENERALIZED COMPLEX SPACE FORMS	JORDAN JOURNAL OF MATHEMATICS AND STATISTICS	Article			In this paper, we find an eigen value of Ricci operator corresponding to scalar curvature r of a generalized complex space form and we give conditions for the existence of a generalized complex space form.	[Manjulamma, Uppara; Nagaraja, H. G.] Bangalore Univ, Dept Math, Jnanabharathi Campus, Bengaluru 5600061, India; [Kumar, Kiran D. L.] RV Coll Engn, Dept Math, Bengaluru 560059, India	Bangalore University; R.V. College of Engineering	0	YARMOUK UNIV, DEANSHIP RESEARCH & GRADUATE STUDIES	2075-7905		2020	13	2	

C	Gangadhar, TG; Girish, DP; Chandra, ACP; Angadi, G; Raj, KVK	Reddy, ANR; Marla, D; Simic, M; Favorskaya, MN; Satapathy, SC	Gangadhar, T. G.; Girish, D. P.; Chandra, A. C. Prapul; Angadi, Gangadhar; Raj, K. V. Karthik	Study on Tensile and Hardness Properties of Aluminium 7075 Alloy Reinforced with Graphite, Mica and E-Glass	INTELLIGENT MANUFACTURING AND ENERGY SUSTAINABILITY, ICIMES 2019	Proceedings Paper	International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES)	JUN 21-22, 2019	The development of metal matrix composites is of major interest in industrial applications due to some important advantages like strength-to-weight ratio, heat resistance and chemical stability. In the present experimental investigation work, aluminium-based hybrid metal matrix composites of various percentage composition	[Gangadhar, T. G.; Raj, K. V. Karthik] SJBIT, Dept Mech Engn, Bengaluru, India; [Girish, D. P.] GEC, Dept Mech Engn, Ramanagaram, India; [Chandra, A. C. Prapul; Angadi, Gangadhar] RV Coll Engn, Dept Mech Engn, Bengaluru, India	SJB Institute of Technology; R.V. College of Engineering	0	SPRINGER-VERLAG SINGAPORE PTE LTD	2190-3018	978-981-15-1616-0; 978-981-15-1615-3	2020	169		http://dx.doi.org/10.1007/978-981-15-1616-0_52

J	Rohit, B; Muktinutalapati, NR		Rohit, Benjamin; Muktinutalapati, Nageswara Rao	Austenite reversion in 18% Ni maraging steel and its weldments	MATERIALS SCIENCE AND TECHNOLOGY	Review			In the heat-treated condition, 18% Ni maraging steels have a microstructure of aged martensite and essentially no austenite. However, austenite can form if the material is overaged. This has been termed as austenite reversion, a subject which has received much attention, because it importantly influences properties and	[Rohit, Benjamin] RVCE, Dept Aerosp Engn, Bengaluru, India; [Muktinutalapati, Nageswara Rao] VIT Univ, Sch Mech Engn, Vellore, Tamil Nadu, India	R.V. College of Engineering; Vellore Institute of Technology (VIT); VIT Vellore	24	TAYLOR & FRANCIS LTD	0267-0836		2018	34	3	http://dx.doi.org/10.1080/02670836.2017.1407544

J	Siragam, S; Dubey, RS; Pappula, L; Babu, GS		Siragam, Srilali; Dubey, Raghvendra Sarvjeet; Pappula, Lakshman; Babu, Gandla Satheesh	Zinc Aluminate-Based Composite Nanoparticles for Microwave Applications	ACS OMEGA	Article; Early Access			This paper reports the sol-gel preparation of ZnAl2O4 (ZA) and ZnAl2O4-TiO2 (ZAT) dielectric ceramic nanoparticles for fabricating prototype microstrip patch antennas. The prepared nanoparticles were polycrystalline in nature with their crystallite sizes of 9.4 and 11 nm, along with average grain diameters of 16 and 12 nm	[Siragam, Srilali] Swarnandhra Coll ofEngineering & Technol, Dept Elect & Commun Engn, Narsapur 534280, Andhra Pradesh, India; [Siragam, Srilali; Pappula, Lakshman] Koneru Lakshmaiah Educ Fdn, Dept ECE, Guntur 522502, Andhra Pradesh, India; [Babu, Gandla Satheesh] RV Coll Engn, Interdisciplin	Koneru Lakshmaiah Education Foundation (K L Deemed to be University); R.V. College of Engineering	3	AMER CHEMICAL SOC	2470-1343		2022			http://dx.doi.org/10.1021/acsomega.2c01671

J	Srinivasa, N; Rangaswamy, P; Yogeeshwari, RT; Manjunatha, C; Ashoka, S		Srinivasa, N.; Rangaswamy, P.; Yogeeshwari, R. T.; Manjunatha, C.; Ashoka, S.	Mesoporous LiTiPO4F nanoparticles: A new stable and high performance bifunctional electrocatalyst for electrochemical water splitting	SURFACES AND INTERFACES	Article			Design of efficient and stable bifunctional electro-catalysts made of non-precious metals is a field of intense research in order to bring hydrogen production from laboratory to industrial scale. TiO2 is considered as electrochemically inactive may be due to the poor surface reactivity. Manipulating the electronic	[Srinivasa, N.; Ashoka, S.] Dayananda Sagar Univ, Sch Engn, Dept Chem, Bengaluru, India; [Rangaswamy, P.] JAIN Univ, Ctr Nano Mat Sci, Jain Global Campus, Bangalore 562112, Karnataka, India; [Yogeeshwari, R. T.] Seshadripuram Coll, Dept Chem, Bengaluru 560068, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059	Jain University; R.V. College of Engineering; R.V. College of Engineering	0	ELSEVIER	2468-0230		2021	25		http://dx.doi.org/10.1016/j.surfin.2021.101188

J	Swamy, SR; Wanas, AK; Sailaja, Y		Swamy, S. R.; Wanas, Abbas Kareem; Sailaja, Y.	Some Special Families of Holomorphic and Salagean Type Bi-univalent Functions Associated with (m,n)-Lucas Polynomials	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	Article			The aim of the present paper is to introduce some special families of holomorphic and S.al.agean type bi-univalent functions associated with (m, n)-Lucas polynomials in the open unit disc D. We investigate the upper bounds on initial coefficients for functions in these newly introduced special families and also discuss the Fekete-	[Swamy, S. R.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Wanas, Abbas Kareem] Univ Al Qadisiyah, Coll Sci, Dept Math, Al Diwaniyah, Iraq; [Sailaja, Y.] RV Coll Engn, Dept Math, Bengaluru 560059, Karnataka, India	R.V. College of Engineering; University of Al-Qadisiyah; R.V. College of Engineering	10	RGN PUBL	0976-5905		2020	11	4	http://dx.doi.org/10.26713/cma.v11i4.1411

J	Amalkar, MS; Renukadevi, MV; Jagadish, KS; Basutkar, SM		Amalkar, Manjunath S.; Renukadevi, M. V.; Jagadish, K. S.; Basutkar, Somanath. M.	Effect of slenderness and eccentricity on the strength of concrete block masonry: An experimental investigation	SN APPLIED SCIENCES	Article			There are a number of factors which govern the strength of masonry, namely strength and elasticity of masonry units and mortar, slenderness ratio of the wall, nature and magnitude of eccentric loads and masonry efficiency. There have been a number of publications on these factors, although many are with respect to brick masonry or	[Amalkar, Manjunath S.] Higher Coll Technol, Civil Engn & Architecture Sect, Muscat, Oman; [Renukadevi, M. V.; Basutkar, Somanath. M.] RV Coll Engn, Dept Civil Engn, Bangalore, Karnataka, India; [Jagadish, K. S.] Indian Inst Sci, Dept Civil Engn, Bangalore, Karnataka, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	3	SPRINGER INTERNATIONAL PUBLISHING AG	2523-3963		2020	2	6	http://dx.doi.org/10.1007/s42452-020-2829-6

C	Nirupama, MP; Gandla, SB; Bhattacharya, A; Satyanarayana, BS		Nirupama, M. P.; Gandla, Satheesh Babu; Bhattacharya, Ashok; Satyanarayana, B. S.	Indigenous design and development of the cathodic arc system for the growth of nanocarbon thin Films	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	y Carbon based thin films in its various forms is becoming very attractive for a wide range of applications ranging from simple protective coatings to biocompatible coatings and even conformal coatings. Cathodic arc is emerging as a viable technology for a wide range of applications especially low temperature coating. Presented in this	[Nirupama, M. P.; Gandla, Satheesh Babu] BML Munjal Univ, Dept Elect & Commun Engn, Gurgaon, Haryana, India; [Nirupama, M. P.; Gandla, Satheesh Babu] Jain Univ, Bengaluru, India; [Nirupama, M. P.; Satyanarayana, B. S.] RV Coll Engn, Mysore Rd, Bengaluru, India; [Nirupama, M. P.; Bhattachary a, Ashok]	BML Munjal University; Jain University; R.V. College of Engineering; BML Munjal University	2	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2018.01.118

J	Swamy, ASA; Mamatha, AS; Shylashree, N; Nath, V		Swamy, A. S. Anand; Mamatha, A. S.; Shylashree, N.; Nath, Vijay	Lossless Compression of Hyperspectral Imagery by Assimilating Decorrelation and Pre-processing with Efficient Displaying Using Multiscale HDR Approach	IETE JOURNAL OF RESEARCH	Article			The instinctive essence of the Hyperspectral imagery cube is its immense information having both spatial and spectral correlation. In the interest of reducing the storage and bandwidth requisites, an effective lossless Hyperspectral compression system is proposed. The imagery is enforced to preprocessing stage preceding decorrelatio	[Swamy, A. S. Anand; Shylashree, N.] VTU Belagavi, Dept Elect & Commun, RV Coll Engn, Bengaluru 560059, India; [Mamatha, A. S.] VTU Belagavi, Dept Elect & Commun, St Joseph Engn Coll, Mangaluru 575028, India; [Nath, Vijay] BIT Mesra, Dept ECE, Ranchi 835215, Jharkhand, India	Visvesvaraya Technological University; R.V. College of Engineering; St Joseph Engineering College; Visvesvaraya Technological University; Birla Institute of Technology Mesra	0	TAYLOR & FRANCIS LTD	0377-2063		2023	69	10	http://dx.doi.org/10.1080/03772063.2022.2028581

J	Skariyachan, S; Ravishankar, R; Gopal, D; Muddebihalkar, AG; Uttarkar, A; Praveen, PKU; Niranjan, V		Skariyachan, Sinosh; Ravishankar, Roshini; Gopal, Dharshini; Muddebihalkar, Aditi G.; Uttarkar, Akshay; Praveen, Prinith Kaveramma Uluvangada; Niranjan, Vidya	Response regulator GacA and transcriptional activator RhlR proteins involved in biofilm formation of Pseudomonas aeruginosa are prospective targets for natural lead molecules: Computational modelling, molecular docking and dynamic simulation studies	INFECTION GENETICS AND EVOLUTION	Article			Pseudomonas aeruginosa has become a global concern due to its extreme resistance to most of the last resort antibiotics. Present study focuses on the screening of potential molecular targets involved in regulation of biofilm formation in P. aeruginosa and identification of potential natural lead molecules against	[Skariyachan, Sinosh] St Pius X Coll Rajapuram, Dept Microbiol, Kasaragod, Kerala, India; [Ravishankar, Roshini; Gopal, Dharshini; Praveen, Prinith Kaveramma Uluvangada] Dayananda Sagar Coll Engn, Dept Biotechnol, Bengaluru, India; [Muddebihalkar, Aditi G.; Uttarkar, Akshay; Niranjan, Vidya] RV Coll Engn, Dept	Dayananda Sagar College of Engineering; R.V. College of Engineering	16	ELSEVIER	1567-1348		2020	85		http://dx.doi.org/10.1016/j.meegid.2020.104448

C	Bhagat, NK; Vishnusai, Y; Rathna, GN		Bhagat, Neel Kamal; Vishnusai, Y.; Rathna, G. N.	Indian Sign Language Gesture Recognition using Image Processing and Deep Learning	2019 DIGITAL IMAGE COMPUTING: TECHNIQUES AND APPLICATIONS (DICTA)	Proceedings Paper	APRS International Conference on Digital Image Computing - Techniques and Applications (DICTA)	DEC 02-04, 2019	Speech impaired people use hand based gestures to communicate. Unfortunately, the vast majority of the people are not aware of the semantics of these gestures. In a attempt to bridge the same, we propose a real time hand gesture recognition system based on the data captured by the Microsoft Kinect RGB-D camera	[Bhagat, Neel Kamal; Rathna, G. N.] Indian Inst Sci, Dept Elect Engn, Bengaluru, Karnataka, India; [Vishnusai, Y.] RV Coll Engn, Dept E&C, Bengaluru, Karnataka, India	Indian Institute of Science (IISC) - Bangalore; R.V. College of Engineering	11	IEEE		978-1-7281-3857-2	2019			http://dx.doi.org/10.1109/dicta47822.2019.8945850

J	Krishna, RH; Chandraprabha, MN; Monika, P; Br, T; Chaudhary, V; Manjunatha, C		Krishna, R. Hari; Chandraprabha, M. N.; Monika, Prakash; Br, Tanuja; Chaudhary, Vishal; Manjunatha, C.	Biomolecule conjugated inorganic nanoparticles for biomedical applications: A review	BIOTECHNOLOGY AND GENETIC ENGINEERING REVIEWS	Review; Early Access			Last decade has witnessed impressive progress in the fields of medicine and bioengineering with the aid of nanomaterials. Nanomaterials are favoured for their improved bio-chemical as well as mechanical properties with tremendous applications in biomedical domains such as disease diagnosis, targeted drug	[Krishna, R. Hari] MS Ramaiah Inst Technol, Dept Chem, Bangalore, India; [Krishna, R. Hari; Chandraprabha, M. N.] MS Ramaiah Inst Technol, Ctr Bio & Energy Mat Innovat, Bangalore, India; [Chandraprabha, M. N.; Monika, Prakash; Br, Tanuja] MS Ramaiah Inst Technol, Dept Biotechnol, Bangalore	Ramaiah Institute of Technology; Ramaiah Institute of Technology; Ramaiah Institute of Technology; University of Delhi; R.V. College of Engineering; Ramaiah Institute of Technology	3	TAYLOR & FRANCIS LTD	0264-8725		2022			http://dx.doi.org/10.1080/02648725.2022.2147678

J	Jayashree, N; Babu, BS; Talwar, B		Jayashree, N.; Babu, B. Sathish; Talwar, Basavaraj	Decentralised priority-based shortest job first queue model for IoT gateways in fog computing	INTERNATIONAL JOURNAL OF GRID AND UTILITY COMPUTING	Article			An increased growth in time-critical IoT applications, led to a rise in real-time resource requirements. The stringent deadlines on latency have made IoT applications move out from far away cloud servers to distributed fog computing devices infrastructure which is available locally. To meet the touchstones of deadlines and processing	[Jayashree, N.] C Byregowda Inst Technol, Dept Comp Sci & Engn, Kolar, Karnataka, India; [Babu, B. Sathish] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, Karnataka, India; [Talwar, Basavaraj] Natl Inst Technol, Dept Comp Sci & Engn, Surathkal, Karnataka, India	R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Karnataka	0	INDERSCIENCE ENTERPRISES LTD	1741-847X		2022	13	4	http://dx.doi.org/10.1504/IJGUC.2022.10050017

J	Patil, JH; Vishnu murthy, KA; Kusanur, R; Melava nki, R		Patil, Jagadish H.; Vishnumu rthy, K. A.; Kusanur, Raviraj; Melavanki, Raveendra	Synthesis and characterizat ion of chitosan-hydroxyapat ite composite for bone graft applications	JOURNAL OF THE INDIAN CHEMICA L SOCIETY	Article			In the current work chitosan-hydroxyapat ite composites were synthesized using the method of co-precipitation for bone grafting. The composite samples were characterize d using SEM, EDS and UTM. The composites showed a good Ca:P ratio of 2.10, indicating a sufficient level of osteoconduc tive of the	[Patil, Jagadish H.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, Karnataka, India; [Vishnumur thy, K. A.; Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bengaluru 560059, Karnataka, India; [Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bengaluru 560054, Karnataka, India	R.V. College of Enginee ring; R.V. College of Enginee ring; Ramaia h Institute of Technol ogy	5	ELSEVI ER	0019-4522		2022	99	1	http://dx .doi.org/ 10.1016/ j.jics.20 21.1003 08

J	Shylashree, N; Sangeetha, BG; Thonse, A; Nath, V		Shylashree, N.; Sangeetha, B. G.; Thonse, Adithya; Nath, Vijay	Ge4Sb1Te5 device case study for NVRAM applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	Article			In this paper, the characterization of Ge4Sb1Te5 thin film device with 110 nm and 140 nm thickness was conducted. Fabrication was done using physical vapor deposition technique. The switching from amorphous to crystalline state is studied using electrical studies, whereas the Raman studies explains the	[Shylashree, N.; Thonse, Adithya] Rashtreeya Vidyalaya Coll Engn, Dept Elect & Commun Engn, Bengaluru, India; [Sangeetha, B. G.] RNS Inst Technol, Dept Elect & Commun Engn, Bengaluru, India; [Nath, Vijay] Birla Inst Technol Mesra, Dept Elect & Commun Engn, Ranchi 835215, Jharkhand, India	R.V. College of Engineering; Birla Institute of Technology Mesra	0	SPRINGER HEIDELBERG	0946-7076		2019	25	12	http://dx.doi.org/10.1007/s00542-019-04451-x

C	Bhat, N; Eranna, U; Mahendra, BM; Sonali, S; Kulkarni, A; Rai, V	Pattnaik, PK; Rautaray, SS; Das, H; Nayak, J	Bhat, Nagaraj; Eranna, U.; Mahendra, B. M.; Sonali, Savita; Kulkarni, Adokshaja; Rai, Vikhyath	Analytics Based on Video Object Tracking for Surveillance	PROGRESS IN COMPUTING, ANALYTICS AND NETWORKING, ICCAN 2017	Proceedings Paper	International Conference on Computing, Analytics and Networking (ICCAN)	DEC 15-16, 2017	An abandoned object in public places is one of the typical surveillance breaches. Detecting an abandoned object in surveillance video is very important to forecast terrorist activity. This work aims to develop a modular system with several individual stages where in at each stage different algorithm is employed. The overall	[Bhat, Nagaraj; Mahendra, B. M.; Rai, Vikhyath] RV Coll Engn, Dept ECE, Bengaluru, India; [Eranna, U.] BITM Bellary, Dept ECE, Bellary, India; [Sonali, Savita] RYMCOE, Dept ECE, Bellary, India; [Kulkarni, Adokshaja] TCE, Dept ECE, Gadag, India	R.V. College of Engineering; Ballari Institute of Technology & Management	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-981-10-7871-2; 978-981-10-7870-5	2018	710		http://dx.doi.org/10.1007/978-981-10-7871-2_27

S	Vijaykumar, P; Sunitha, R; Pradhan, N; Sreedevi, A	Hemanth, DJ; Smys, S	Vijaykumar, Pooja; Sunitha, R.; Pradhan, N.; Sreedevi, A.	Simulation of Cortical Epileptic Discharge Using Freeman's KIII Model	COMPUTATIONAL VISION AND BIO INSPIRED COMPUTING	Article; Book Chapter			Advancements in Neuroscience have put forth many networks that are able to mimic cortical activity. One such biologically motivated network is the Freeman KIII Model. The Freeman KIII model is based on the mammalian olfactory system dynamics. It consists of a collection of second-order non-linear differential	[Vijaykumar, Pooja; Sunitha, R.] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Elect & Commun Engn, Bengaluru, India; [Pradhan, N.] Natl Inst Mental Hlth & Neurosci NIMHANS, Dept Psychopharmacol, Bengaluru, India; [Sreedevi, A.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; National Institute of Mental Health & Neurosciences - India; R.V. College of Engineering	2	SPRINGER INTERNATIONAL PUBLISHING AG	2212-9391	978-3-319-71767-8; 978-3-319-71766-1	2018	28		http://dx.doi.org/10.1007/978-3-319-71767-8_24

C	Ibrahim, KM; Havaldar, SS; Hiriyannaiah, A		Ibrahim, K. Mohammed; Havaldar, Sourabha S.; Hiriyannaiah, Adarsha	Composition optimization for NiAl+Al2O3+CeO composite coating on bearing steel by air plasma spray	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials, Ceramics and Engineering Sciences (AMCES)	JAN 17-18, 2020	This paper discusses composition optimization using Taguchi method for composite coating consisting of Nickel Aluminium (NiAl), Aluminium oxide (Al2O3) and Cerium Oxide (CeO) on bearing steel using Air Plasma Spray (APS). NiAl has been used as a base coating material because of its excellent oxidation resistance	[Ibrahim, K. Mohammed] VTU RRC, Bangalore 560078, Karnataka, India; [Havaldar, Sourabha S.] RV Coll Engn, Bangalore 560059, Karnataka, India; [Hiriyannaiah, Adarsha] Jain Univ, Bangalore 560069, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering; Jain University	2	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2021.01.139

J	Manjunatha, C; Srinivasa, N; Chaitra, SK; Sudeep, M; Kumar, RC; Ashoka, S		Manjunatha, C.; Srinivasa, N.; Chaitra, S. K.; Sudeep, M.; Kumar, R. Chandra; Ashoka, S.	Controlled synthesis of nickel sulfide polymorphs: studies on the effect of morphology and crystal structure on OER performance	MATERIALS TODAY ENERGY	Article			Herein, the Taguchi L-9 orthogonal technique has been employed to design the optimised conditions (sulfur source, temperature, reaction time and surfactant) for the preparation of nickel sulfide polymorphs using hydrothermal method. The experimental results demonstrate the temperature dependant phase transition of	[Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Srinivasa, N.; Ashoka, S.] Dayananda Sagar Univ, Dept Chem, Bengaluru 560068, India; [Chaitra, S. K.; Kumar, R. Chandra] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Sudeep, M.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University	47	ELSEVIER SCI LTD	2468-6069		2020	16		http://dx.doi.org/10.1016/j.mtener.2020.100414

J	Deshpande, RR; Madhavi, CR; Bhatt, MR		Deshpande, Rashmi R.; Madhavi, Ch Renu; Bhatt, Mahabaleswara Ram	3D Image Generation From Single Image Using Color Filtered Aperture and 2.1D Sketch-A Computational 3D Imaging System and Qualitative Analysis	IEEE ACCESS	Article			A new method for generating 3D images using both disparity parameters due to the color filtered aperture (CFA) and depth alignment of the multi-plane images for an acquired 2D image using a novel computational imaging system is presented. A CFA is created using add-on red, green, and blue color filters in front of the objective	[Deshpande, Rashmi R.] RV Coll Engn, Res Ctr Elect & Instrumentat Engn, Bengaluru 560059, India; [Deshpande, Rashmi R.] Visvesvaraya Technol Univ, Belagavi 590018, India; [Madhavi, Ch Renu] RV Coll Engn, Dept Elect & Instrumentat Engn, Bengaluru 560059, India; [Bhatt, Mahabaleswara Ram] Renalyx Hlth Syst Pvt Ltd	R.V. College of Engineering; Visvesvaraya Technological University; R.V. College of Engineering	2	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	2169-3536		2021	9		http://dx.doi.org/10.1109/ACCESS.2021.3089938

C	Sujith, M; Saranya, C; Satheesh, BH; Dinesh, MN		Sujith, Mini; Saranya, C.; Satheesh, B. Hariram; Dinesh, M. N.	Low Speed Estimation of Sensorless Direct Torque Controlled Induction Motor Drive Using Extended Kalman Filter with Adaptive Speed Adjustment Technique	PROCEEDINGS OF THE 2019 IEEE REGION 10 CONFERENCE (TENCON 2019): TECHNOLOGY, KNOWLEDGE, AND SOCIETY	Proceedings Paper	IEEE Region 10 Conference on Technology, Knowledge, and Society (TENCON)	OCT 17-20, 2019	This paper mainly focuses on the accurate estimation of speeds ranging from very low speed to rated speed to control sensorless Direct Torque Controlled (DTC) Induction Motor Drives (IMD). Extended Kalman Filter (EKF) is used to estimate the speed from the noisy data based on state space method and recursive	[Sujith, Mini] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Fac Elect & Elect Dept, Bengaluru, India; [Saranya, C.] Robert Bosch, Bangalore, Karnataka, India; [Satheesh, B. Hariram] ABB GISL, Bangalore, Karnataka, India; [Dinesh, M. N.] RV Coll Engn, Bangalore, Karnataka, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; R.V. College of Engineering	0	IEEE	2159-3442	978-1-7281-1895-6	2019			http://dx.doi.org/10.1109/tencon.2019.8929647

J	Moses, V; Narula, A; Chetan, N; Mishra, RK		Moses, Vinutha; Narula, Archna; Chetan, N.; Mishra, Ranjeet Kumar	Hydroxymethyl furfural (HMF) a high strength cellulose resin for wood composite laminates	HELIYON	Article			The organic wastes though biodegradable is harmful and pose a serious threat to the environment. This research focused to; harness the cellulose existing in the peels of vegetables, banana and bagasse to establish Hydroxymethyl furfural (HMF) bioresin. Eleven experiments were performed with different w/w% of DMSO and Sulphuric	[Moses, Vinutha] Rashtreeya Vidyalaya Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Narula, Archna; Mishra, Ranjeet Kumar] MS Ramaiah Inst Technol, Dept Chem Engn, Bengaluru 560054, India; [Chetan, N.] Dr Ambedkar Inst Technol, Dept Ind Engn & Management, Bengaluru 560056	R.V. College of Engineering; Ramaiah Institute of Technology	2	CELL PRESS			2022	8	12	http://dx.doi.org/10.1016/j.heliyon.2022.e12081

J	Deb, D; Rohith, MK; Jose, J		Deb, Dipika; Rohith, M. K.; Jose, John	FlitZip: Effective Packet Compression for NoC in MultiProcessor System-on-Chip	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	Article			Applications running on Network on Chip (NoC) based multicore systems demand increased on-chip network bandwidth that can cater to the need for intensive communication among the cores and caches. Due to strict area and power budget, the bandwidth offered by NoC is very limited. Data-intensive and communication-centric applications	[Deb, Dipika; Jose, John] Indian Inst Technol Guwahati, Dept Comp Sci & Engn, Gauhati 781039, Assam, India; [Rohith, M. K.] RV Coll Engn, Dept Elect & Commun Engn, Bangalore 560059, Karnataka, India	Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Guwahati; R.V. College of Engineering	4	IEEE COMPUTER SOC	1045-9219		2022	33	1	http://dx.doi.org/10.1109/TPDS.2021.3090315

J	Aldawish, I; Swamy, SR; Frasin, BA		Aldawish, Ibtisam; Swamy, Sondekola Rudra; Frasin, Basem Aref	A Special Family of m-Fold Symmetric Bi-Univalent Functions Satisfying Subordination Condition	FRACTAL AND FRACTIONAL	Article			In this paper, we introduce a special family m(sigma m) (tau, nu, eta, phi) of the function family (sigma m) of m-fold symmetric bi-univalent functions defined in the open unit disc D and obtain estimates of the first two Taylor-Maclaurin coefficients for functions in the special family. Further, the Fekete-Szego functional for functions in	[Aldawish, Ibtisam] Imam Mohammad IBN Saud Islamic Univ, Coll Sci, Dept Math & Stat, POB 90950, Riyadh 11623, Saudi Arabia; [Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Frasin, Basem Aref] Al Al Bayt Univ, Fac Sci, Dept Math, Mafraq 25113	Imam Mohammad Ibn Saud Islamic University (IMSIU); R.V. College of Engineering; Al al-Bayt University	6	MDPI			2022	6	5	http://dx.doi.org/10.3390/fractalfract6050271

J	Shammaky, AE; Frasin, BA; Swamy, SR		Shammaky, Amnah E.; Frasin, Basem Aref; Swamy, Sondekola Rudra	Fekete-Szego Inequality for Bi-Univalent Functions Subordinate to Horadam Polynomials	JOURNAL OF FUNCTION SPACES	Article			Making use of Horadam polynomials, we propose a special family of regular functions of the type gz=z+ n-ary sumation(j=2)(& INFIN;)d(j)z(j) which are bi-univalent (or bi-schlicht) in the disc z & ISIN;DOUBLE-STRUCK CAPITAL C:z < 1. We find estimates on the coefficients d(2) and d(3) and the functional of Fekete-Szego for	[Shammaky, Amnah E.] Jazan Univ, Fac Sci, Dept Math, Jazan, Saudi Arabia; [Frasin, Basem Aref] Al Al Bayt Univ, Fac Sci, Dept Math, Mafraq, Jordan; [Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru, Karnataka, India	Jazan University; Al al-Bayt University; R.V. College of Engineering	6	HINDAWI LTD	2314-8896		2022	2022		http://dx.doi.org/10.1155/2022/9422945

C	Venkataswamy, R; Rao, KU; Meena, P	Tong, CW; ChinTsan, W; Huat, BSL; Xiang, X	Venkataswamy, R.; Rao, K. Uma; Meena, P.	Internet of things based metaheuristic reliability centered maintenance of distribution transformers	INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY AND GREEN TECHNOLOGY 2019	Proceedings Paper	International Conference on Sustainable Energy and Green Technology (SEGT)	DEC 11-14, 2019	The transformer is a vital component of the power system. Continuous stress on the transformer due to overload, transient and faults will lead to physical damages. The isolation of the transformer causes significant revenue loss and inconvenience to the consumers at the distribution level. This invites the need to	[Venkataswamy, R.] Christ Deemed Univ, Dept Elect & Elect Engn, Bangalore, Karnataka, India; [Rao, K. Uma] RV Coll Engn, Dept Elect & Elect Engn, Bangalore, Karnataka, India; [Meena, P.] BMS Coll Engn, Dept Elect & Elect Engn, Bangalore, Karnataka, India	Christ University; R.V. College of Engineering; BMS College of Engineering	1	IOP PUBLISHING LTD	1755-1307		2020	463		http://dx.doi.org/10.1088/1755-1315/463/1/012047

C	Shireesha, G; Manjunatha, C; Jain, A; Radhakrishna, MC		Shireesha, G.; Manjunatha, C.; Jain, Anjana; Radhakrishna, M. C.	Influence of Cd0.99Eu0.01SiO3 nanoparticles concentration on Cd0.99Eu0.01SiO3/PVDF nanocomposite Films	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Smart Engineering Materials (ICSEM)	OCT 20-22, 2016	Nanocomposites of piezoelectric PVDF doped with Cd0.99Eu0.01SiO3 of varying concentration was prepared by spin coating technique. The prepared nanocomposites were investigated by X-ray diffraction technique and it showed an alpha to beta transformation compared to pristine PVDF. This phase exhibits piezoelectric	[Shireesha, G.] RV Coll Engn, Dept Phys, Bangalore 560059, Karnataka, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Jain, Anjana] Natl Aerosp Labs, Bangalore 560017, Karnataka, India; [Radhakrishna, M. C.] Dayananda Sagar Coll Technol & Management, Dept Phys, Bangalore 560082, Karnataka	R.V. College of Engineering; R.V. College of Engineering; Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL)	2	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.515

C	Venkataswamy, R; Rao, KU; Meena, P	Auer, ME; Ram, BK	Venkataswamy, R.; Rao, K. Uma; Meena, P.	Development of Internet of Things Platform and Its Application in Remote Monitoring and Control of Transformer Operation	CYBER-PHYSICAL SYSTEMS AND DIGITAL TWINS	Proceedings Paper	16th International Conference on Remote Engineering and Virtual Instrumentation (REV)	FEB 04-06, 2019	Internet of Things platforms deployed on the system will exhibit numerous benefits such as real time monitoring, faster operation and cost effectiveness. A system oriented IoT platform is developed which features database connotation, web services, setup portal, cloud hosting, drivers or listener for programming languages	[Venkataswamy, R.] Christ Deemed Univ, Fac Engn, Dept Elect & Elect Engn, Bangalore, Karnataka, India; [Rao, K. Uma] RV Coll Engn, Dept Elect & Elect Engn, Bangalore, Karnataka, India; [Meena, P.] BMS Coll Engn, Dept Elect & Elect Engn, Bangalore, Karnataka, India	Christ University; R.V. College of Engineering; BMS College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2367-3370	978-3-030-23162-0; 978-3-030-23161-3	2020	80		http://dx.doi.org/10.1007/978-3-030-23162-0_16

J	Surana, P; Jainarayanan, AK; Anand, NM; Sharma, M		Surana, Pallavi; Jainarayanan, Ashwin Kumar; Anand, Nithishwer Mouroug; Sharma, Mukta	Analysing non-synonymous mutations in XDR and MDR tuberculosis drugs	JOURNAL OF CLINICAL TUBERCULOSIS AND OTHER MYCOBACTERIAL DISEASES	Article			Tuberculosis is a bacterial disease caused by Mycobacterium tuberculosis. It is known to be the second-largest cause of death and models a severe risk to public health throughout the world. Though it affects people of almost every age, individuals with weakened immune systems, (e.g., HIV infection) are more likely to get	[Surana, Pallavi] RV Coll Engn, Bengaluru, India; [Jainarayanan, Ashwin Kumar; Anand, Nithishwer Mouroug] Indian Inst Sci Educ & Res, Mohali, India; [Jainarayanan, Ashwin Kumar; Sharma, Mukta] CSIR Inst Genom & Integrat Biol, New Delhi, India	R.V. College of Engineering; Indian Institute of Science Education & Research (IISER) - Mohali; Council of Scientific & Industrial Research (CSIR) - India; CSIR - Institute of Genomics & Integrative Biology	0	ELSEVIER	2405-5794		2019	17		http://dx.doi.org/10.1016/j.jctube.2019.100124

J	Niranjan, PK; Kola, SR		Niranjan, P. K.; Kola, Srinivasa Rao	On the Radio k-chromatic Number of Paths	NOTE DI MATEMATICA	Article			A radio k-coloring of a graph G is an assignment f of positive integers (colors) to the vertices of G such that for any two vertices u and v of G, the difference between their colors is at least 1 + k - d(u, v). The span rck(f) off is max{f (v) : v is an element of V (G)}. The radio k-chromatic number rck(G) of G is min{rck(f) : f is a radio k -coloring of G}. In	[Niranjan, P. K.] RV Coll Engn, Dept Math, Mysuru Rd, Bengaluru 560059, India; [Kola, Srinivasa Rao] Natl Inst Technol Karnataka, Dept Math & Computat Sci, Surathkal 575025, India	R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Karnataka	0	ARACNE EDITRICE	1123-2536		2022	42	1	http://dx.doi.org/10.1285/i15900932v42n1p37

J	Singal, A; Iyengar, SS; Kumar, L; Madni, AM		Singal, Ansh; Iyengar, Sundaraja Sitharam; Kumar, Latesh; Madni, Azad M.	Hardware routed quantum key distribution networks	IET QUANTUM COMMUNICATION	Article			Quantum communication networks pose immense potential for revolutionising secure communications for several applications such as banking, defence, etc. The majority literature on quantum networks deals with the problems of networking and resource allocation using Software Defined Networks (SDNs)	[Singal, Ansh] RV Coll Engn, Dept CSE, Bangalore, Karnataka, India; [Iyengar, Sundaraja Sitharam; Kumar, Latesh] Knight Sch Comp & Informat Sci, Miami, FL USA; [Madni, Azad M.] Univ Southern Calif, Dept Astronaut Engn, Los Angeles, CA 90007 USA	R.V. College of Engineering; University of Southern California	2	WILEY			2022	3	2	http://dx.doi.org/10.1049/qtc2.12039

J	Byatarayappa, G; Guna, V; Radhika, MG; Venkatesh, K; Zhao, Y; Nagaraju, N; Reddy, N; Nagaraju, K		Byatarayappa, Gopalakrishna; Guna, Vijaykumar; Radhika, M. G.; Venkatesh, Krishna; Zhao, Yi; Nagaraju, N.; Reddy, Narendra; Nagaraju, Kathyayini	KOH-activated microstructured carbon derived from Asclepias syriaca floss for extraordinary 200k cycle stability in supercapacitors	SUSTAINABLE ENERGY & FUELS	Article			We report a novel carbon material obtained from low-density fibrous fur-like biowaste Asclepias syriaca (milkweed) floss for use as low-cost and efficient electrodes in electrochemical double layer capacitors (EDLCs). Milkweed floss is pyrolyzed to carbon (MW) and activated with widely available and commonly	[Byatarayappa, Gopalakrishna; Guna, Vijaykumar; Venkatesh, Krishna; Reddy, Narendra; Nagaraju, Kathyayini] Jyothy Inst Technol, Ctr Incubat Innovat Res & Consultancy, Tataguni Off Kanakapura Rd, Bengaluru 560082, Karnataka, India; [Radhika, M. G.] RV Coll Engn, Dept Phys, Mysore Rd, Bengaluru 560059, Karnataka, India;	R.V. College of Engineering; Donghua University	6	ROYAL SOC CHEMISTRY	2398-4902		2022	6	17	http://dx.doi.org/10.1039/d2se00802e

J	Bhavya, P; Melavanki, R; Kusanur, R; Thipperudrappa, J		Bhavya, P.; Melavanki, Raveendra; Kusanur, Raviraj; Thipperudrappa, J.	Preferential solvation and bimolecular quenching reactions of boronic acid dye at very low quencher concentrations studied by fluorescence spectrum in toluene and butanol binary mixtures	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	Article			Inferable from the significance of solvent mixtures in practical chemistry, toluene (TL) and butanol (BL) mixtures are used to studyfluorescence behavior of boronic acid dye 2-methoxy-5-fluoro-phenyl boronic acid (2MEFPBA). At the inception, preferential solvation is examined in TL-BL, to understand specific and nonspecific	[Bhavya, P.] New Horizon Coll Engn, Dept Phys, Bengaluru 560103, India; [Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bengaluru 560054, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Thipperudrappa, J.] Vijayanagara Sri Krishnadevaraya Univ, Dept Studies	Ramaiah Institute of Technology; R.V. College of Engineering	1	NATL INST SCIENCE COMMUNICATION-NISCAIR	0019-5596		2020	58	3	

J	Srinivasa, N; Hughes, JP; Adarakatti, PS; Manjunatha, C; Rowley-Neale, SJ; Ashoka, S; Banks, CE		Srinivasa, N.; Hughes, Jack P.; Adarakatti, Prashanth S.; Manjunatha, C.; Rowley-Neale, Samuel J.; Ashoka, S.; Banks, Craig E.	Facile synthesis of Ni/NiO nanocomposites: the effect of Ni content in NiO upon the oxygen evolution reaction within alkaline media	RSC ADVANCES	Article			We present the facile synthesis of Ni/NiO nanocomposites, via a solution combustion methodology, where the composition of metallic Ni within NiO is controlled by varying the annealing time, from 4 minutes up to 8 hours. The various Ni/NiO nanocomposites are studied via electrically wiring them upon screen-printed graphite macroelectrodes by	[Srinivasa, N.; Ashoka, S.] Dayananda Sagar Univ, Dept Chem, Sch Engn, Bengaluru, India; [Hughes, Jack P.; Rowley-Neale, Samuel J.; Banks, Craig E.] Manchester Metropolitan Univ, Fac Sci & Engn, Chester St, Manchester M1 5GD, Lancs, England; [Hughes, Jack P.; Adarakatti, Prashanth S.; Rowley-Neale, Samuel J.; Banks	Manchester Metropolitan University; Manchester Metropolitan University; R.V. College of Engineering	27	ROYAL SOC CHEMISTRY			2021	11	24	http://dx.doi.org/10.1039/d0ra10597j

J	Praveen, M; Karthikeya, GS; Krishna, RH; Mamatha, GM; Manjunatha, C; Khosla, A; Nagabhushana, BM		Praveen, M.; Karthikeya, G. S.; Krishna, R. Hari; Mamatha, G. M.; Manjunatha, C.; Khosla, Ajit; Nagabhushana, B. M.	The role of magnetic nano CoFe2O4 and conductive MWCNT/graphene in LDPE-based composites for electromagnetic interference shielding in X-band	DIAMOND AND RELATED MATERIALS	Article			The use of polymer composites containing ferrite based magnetic fillers and conducting fillers are highly appreciated as materials for microwave shielding. In this regard, herein we present systematic optimization of compositional parameters by varying CoFe2O4 and MWCNT/Graphene nanoplatelets to achieve efficient	[Praveen, M.; Krishna, R. Hari; Nagabhushana, B. M.] MS Ramaiah Inst Technol, Dept Chem, Bangalore 560054, India; [Karthikeya, G. S.] MS Ramaiah Inst Technol, CARFS, Dept E&T Engn, Bangalore 560054, India; [Mamatha, G. M.] MS Ramaiah Inst Technol, Dept Elect & Elect Engn, Bangalore	Ramaiah Institute of Technology; Ramaiah Institute of Technology; Ramaiah Institute of Technology; Ramaiah Institute of Technology; R.V. College of Engineering; Xidian University	10	ELSEVIER SCIENCE SA	0925-9635		2022	130		http://dx.doi.org/10.1016/j.diamond.2022.109501

J	Kumar, JV; Shylashree, N; Gojanur, SG; Raju, GVT; Bhupathiraju, VV; Channegowda, M		Kumar, Javalkar Vinay; Shylashree, N.; Gojanur, Spoorthi G.; Raju, G. Vishnu Teja; Bhupathiraju, Vinay Varma; Channegowda, Manjunatha	Design and Analysis of a Biosensor for the Detection of Estrogen Hormonal Levels	BIONANO SCIENCE	Article			Estrogenic levels in the human body have received considerable attention from the bio-medical sector due to their relevance in the early detection of cardiovascular risk in humans. In recent years, biosensors for detecting estrogenic levels have made commendable progress. This report focuses on designing an estrogenic biosensor with the	[Kumar, Javalkar Vinay; Shylashree, N.; Gojanur, Spoorthi G.; Raju, G. Vishnu Teja; Bhupathiraju, Vinay Varma] RV Coll Engn, Dept Elect & Commun Engn, Bengaluru 560059, India; [Kumar, Javalkar Vinay; Shylashree, N.; Gojanur, Spoorthi G.; Raju, G. Vishnu Teja; Bhupathiraju, Vinay Varma; Channegow	R.V. College of Engineering; Visvesvaraya Technological University; Ballari Institute of Technology & Management; R.V. College of Engineering	0	SPRINGER	2191-1630		2022	12	2	http://dx.doi.org/10.1007/s12668-022-00951-9

J	Pal, G; Bakade, R; Deshpande, S; Sureshkumar, V; Patil, SS; Dawane, A; Agarwal, S; Niranjan, V; PrasannaKumar, MK; Vemanna, RS		Pal, Garima; Bakade, Rahul; Deshpande, Sanjay; Sureshkumar, V; Patil, Swathi S.; Dawane, Akashata; Agarwal, Subham; Niranjan, Vidya; PrasannaKumar, M. K.; Vemanna, Ramu S.	Transcriptomic responses under combined bacterial blight and drought stress in rice reveal potential genes to improve multi-stress tolerance	BMC PLANT BIOLOGY	Article			Background The unprecedented drought and frequent occurrence of pathogen infection in rice is becoming more due to climate change. Simultaneous occurrence of stresses lead to more crop loss. To cope up multiple stresses, the durable resistant cultivars needs to be developed, by identifying relevant genes from combined	[Pal, Garima; Deshpande, Sanjay; Sureshkumar, V; Dawane, Akashata; Agarwal, Subham; Vemanna, Ramu S.] Reg Ctr Biotechnol, Lab Plant Funct Genom, 3rd Milestone, Faridabad 121001, Haryana, India; [Bakade, Rahul; Patil, Swathi S.; PrasannaKumar, M. K.] Univ Agr Sci, Dept Plant Pathol, GKVK, Bengaluru	Department of Biotechnology (DBT) India; Regional Centre for Biotechnology; University of Agricultural Sciences Bangalore; R.V. College of Engineering	7	BMC	1471-2229		2022	22	1	http://dx.doi.org/10.1186/s12870-022-03725-3

J	Panda, PK; Sahoo, B; Thejas, TS; Krishna, M		Panda, P. K.; Sahoo, B.; Thejas, T. S.; Krishna, M.	High d33 Lead-Free Piezoceramics: A Review	JOURNAL OF ELECTRONIC MATERIALS	Review			Over the past two decades, lead-free piezoceramics have been developed aiming to replace toxic lead-bearing lead zirconate titanate (PZT). A large number of lead-free piezo systems were explored during this period as evidenced from the huge number of publications. At this juncture, it was felt necessary to	[Panda, P. K.; Sahoo, B.; Thejas, T. S.] CSIR Natl Aerosp Labs, Mat Sci Div, Kodihalli 560017, Bengaluru, India; [Panda, P. K.; Thejas, T. S.] Acad Sci & Innovat Res AcSIR, Ghaziabad 201002, India; [Krishna, M.] RV Coll Engn, Mysore Rd, Bengaluru 560059, India	Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL); Academy of Scientific & Innovative Research (AcSIR); R.V. College of Engineering	15	SPRINGER	0361-5235		2022	51	3	http://dx.doi.org/10.1007/s11664-021-09346-0

C	Kori, T; Kori, A; Kori, A; Nandi, S	Barolli, L; Xhafa, F; Hussain, OK	Kori, Tejasrikumar; Kori, Amogh; Kori, Akshata; Nandi, Somesh	A Study on Fiber Bragg Gratings and Its Recent Applications	INNOVATIVE MOBILE AND INTERNET SERVICES IN UBIQUITOUS COMPUTING, IMIS-2019	Proceedings Paper	13th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS)	JUL 03-05, 2019	Fiber Bragg Grating plays a major role in optical communication and sensing applications in emerging technologies. This paper focuses on the working principle of the Fiber Bragg Grating sensors, various fabrication techniques, different types of Fiber Bragg Gratings and its recent real-time applications, such as, structural health monitoring	[Kori, Tejasrikumar] RV Coll Engn, Dept Elect & Commun Engn, Bangalore, Karnataka, India; [Kori, Amogh] TATA Consultancy Serv, Elect City, Bangalore, Karnataka, India; [Kori, Akshata] MS Ramahaih Inst Technol, Dept Telecommun, Bangalore, Karnataka, India; [Nandi, Somesh] RV Coll	R.V. College of Engineering; Tata Sons; Tata Consultancy Services Limited (TCS); R.V. College of Engineering	1	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-030-22263-5; 978-3-030-22262-8	2020	994		http://dx.doi.org/10.1007/978-3-030-22263-5_84

J	Patil, PR; Tanavade, S; Dinesh, MN		Patil, Pavankumar R.; Tanavade, Satish; Dinesh, M. N.	Analysis of power loss in forward converter transformer using a novel machine learning-based optimization framework	SOFT COMPUTING	Article			In wind energy systems, high voltage gain and high power-based forward converters are mainly used for switched-mode power supplies. However, due to the wide range of load usage in grid systems, the reliability and power loss in forward converter-based system performance became crucial. Many	[Patil, Pavankumar R.] Sharad Inst Technol, Dept Elect Engn, Coll Engn, Yadrav 416121, Maharashtra, India; [Tanavade, Satish] Natl Univ Sci & Technol, Coll Engn, Dept Elect & Commun Engn, Muscat, Oman; [Dinesh, M. N.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, Karnataka, India	National University of Science & Technology, Oman; R.V. College of Engineering	2	SPRINGER	1432-7643		2023	27	7	http://dx.doi.org/10.1007/s00500-022-07491-0

J	Ansari, SA; Manjunatha, C; Parveen, N; Shivaraj, BW; Krishna, RH		Ansari, Sajid Ali; Manjunatha, C.; Parveen, Nazish; Shivaraj, B. W.; Krishna, R. Hari	Mechanistic insights into defect chemistry and tailored photoluminescence and photocatalytic properties of aliovalent cation substituted Zn0.94M0.06-xLixO (M: Fe3+, Al3+, Cr3+) nanoparticles	DALTON TRANSACTIONS	Article			In this work, we demonstrate the microwave assisted solution combustion synthesis of aliovalent cation substituted Zn0.94M0.06-xLixO (M: Fe3+, Al3+, Cr3+) nanoparticles. The structural features, photoluminescence and photocatalytic properties were characterized by X-ray powder diffraction (XRD), Fourier-transform	[Ansari, Sajid Ali] King Faisal Univ, Coll Sci, Dept Phys, POB 400, Al Hufuf 31982, Al Ahsa, Saudi Arabia; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Manjunatha, C.] RV Coll Engn, Ctr Hydrogen & Green Technol Res CH2GTR, Bengaluru 560059, India; [Parveen, Nazish] King Faisal Univ, Coll	King Faisal University; R.V. College of Engineering; R.V. College of Engineering; King Faisal University; R.V. College of Engineering; Ramaiah Institute of Technology	7	ROYAL SOC CHEMISTRY	1477-9226		2021	50	41	http://dx.doi.org/10.1039/d1dt01706c

C	Patil, HJ; Indumathi, TS; Sharan, P; Nandi, S	Barolli, L; Xhafa, F; Hussain, OK	Patil, Harshada J.; Indumathi, T. S.; Sharan, Preeta; Nandi, Somesh	Interpretation of Photonic Crystals with Hexagonal Symmetry	INNOVATIVE MOBILE AND INTERNET SERVICES IN UBIQUITOUS COMPUTING, IMIS-2019	Proceedings Paper	13th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS)	JUL 03-05, 2019	Photonic crystals provide us excellent opportunity to build sensors and other vital components used in industries or labs because they can block electromagnetic waves propagating through them at certain frequencies and allow few. This property of selective allowance can be exploited by carefully studying the properties of light	[Patil, Harshada J.] Vemana Inst Technol, Bengaluru, India; [Indumathi, T. S.] Visvesvaraiah Technol Univ, Bengaluru, India; [Sharan, Preeta] Oxford Coll Engn, Bengaluru, India; [Nandi, Somesh] VTU, RV Coll Engn, Bengaluru, India	Visvesvaraya Technological University; Oxford College of Engineering Bengaluru; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-030-22263-5; 978-3-030-22262-8	2020	994		http://dx.doi.org/10.1007/978-3-030-22263-5_86

J	Qadeer, SA; Khan, MY; Shylashree, N; Nath, V		Qadeer, Shaik A.; Khan, Mohammed Yousuf; Shylashree, N.; Nath, Vijay	High resolution fuel indicating and tracking system	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	Article			The objective of this work is to provide a low cost high resolution fuel indicating of the vehicle. Another object of the present invention is to provide a system that tracks the fuel filled at filling station. The challenges addressed in the propose work are calibration of non linear fuel tank to fetch the present fuel information, design of	[Qadeer, Shaik A.] MJCET, Dept Elect Engn, Hyderabad, India; [Khan, Mohammed Yousuf] MANUU Polytech, Hyderabad, India; [Shylashree, N.] Rashtreeya Vidyalaya Coll Engn, Dept Elect & Commun Engn, Bangalore 560059, Karnataka, India; [Nath, Vijay] Birla Inst Technol Mesra, Dept Elect & Commun Engn	R.V. College of Engineering; Birla Institute of Technology Mesra	0	SPRINGER HEIDELBERG	0946-7076		2019	25	6	http://dx.doi.org/10.1007/s00542-018-4107-8

C	Giluka, MK; Priyadarshi, T; Kumar, S; Franklin, AA; Tamma, BR		Giluka, Mukesh Kumar; Priyadarshi, Tathagat; Kumar, Shakti; Franklin, Antony A.; Tamma, Bheemarjuna Reddy	An Enhanced EAB Algorithm to Reduce RACH Congestion Due to IoT Traffic in LTE-A Networks	2018 IEEE 4TH WORLD FORUM ON INTERNET OF THINGS (WF-IOT)	Proceedings Paper	4th IEEE World Forum on Internet of Things (WF-IoT)	FEB 05-08, 2018	Increasing IoT traffic in LTE-A networks imposes several issues such as RACH congestion due to large number of devices accessing the network at the same time. EAB (extended access barring) based solutions have been proven to be efficient methods of giving instant relief from RACH congestion in the network. But current EAB	[Giluka, Mukesh Kumar; Franklin, Antony A.; Tamma, Bheemarjuna Reddy] Indian Inst Technol Hyderabad, Hyderabad, Telangana, India; [Priyadarshi, Tathagat] SJCE Mysore, Mysore, Karnataka, India; [Kumar, Shakti] RVCE Bangalore, Bangalore, Karnataka, India	Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Hyderabad; Sri Jayachamarajendra College of Engineering; R.V. College of Engineering	1	IEEE		978-1-4673-9944-9	2018			

J	Subramanian, G; Kumar, GSS; Ravi, V; Sundaresan, NR; Madras, G		Subramanian, Gokulakrishnan; Kumar, Ganugapati Sai Srivatsa; Ravi, Venkatraman; Sundaresan, Nagalingam Ravi; Madras, Giridhar	Photochemical detoxification of Cr(VI) using iron and saccharic acid: insights from cytotoxic and genotoxic assays	ENVIRONMENTAL SCIENCE-WATER RESEARCH & TECHNOLOGY	Article			Herein, we demonstrate rapid and complete photochemical detoxification of Cr(VI) by iron using saccharic acid (SA) as a sacrificial organic agent. 100% Cr(VI) (200 mu M) was reduced within 30 min using Fe(III) (50 mu M) and SA (300 mu M) under UV irradiation. The reaction mechanism involves photochemical	[Subramanian, Gokulakrishnan; Madras, Giridhar] Indian Inst Sci, Dept Chem Engn, Bangalore 560012, Karnataka, India; [Kumar, Ganugapati Sai Srivatsa] RV Coll Engn, Dept Chem Engn, Bangalore 560059, Karnataka, India; [Ravi, Venkatraman; Sundaresan, Nagalingam Ravi] Indian Inst Sci, Dept	Indian Institute of Science (IISC) - Bangalore; R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	5	ROYAL SOC CHEMISTRY	2053-1400		2018	4	8	http://dx.doi.org/10.1039/c8ew00216a

J	Sakkara, S; Venkatesh, K; Reddy, R; Nagananda, GS; Meghwal, M; Patil, JH; Reddy, N		Sakkara, Seema; Venkatesh, Krishna; Reddy, Roopa; Naganand a, G. S.; Meghwal, Murlidhar; Patil, Jagadish H.; Reddy, Narendra	Characterization of crosslinked Macrotyloma uniflorum(Horsegram) protein films for packaging and medical applications	POLYMER TESTING	Article			Natural polymers such as proteins and polysaccharides are of great demand in packaging and medical applications. Horse gram (Macrotyloma uniflorum) is a good source of protein and possess excellent antioxidant properties. The present study investigates the development and potential applications of transparent	[Sakkara, Seema; Venkatesh, Krishna; Reddy, Roopa; Nagananda, G. S.; Reddy, Narendra] Jyothy Inst Technol, Ctr Incubat Innovat Res & Consultancy, Thathaguni Post 560082, Bengaluru, India; [Sakkara, Seema] Visvesvaraya Technol Univ, Reg Res Resource Ctr, Jnana Sangama Belagavi 590018, India;	Visvesvaraya Technological University; R.V. College of Engineering	10	ELSEVIER SCI LTD	0142-9418		2020	91		http://dx.doi.org/10.1016/j.polymertesting.2020.106794

C	Kalkornsurapranee, E; Lehman, N; Judklaing, P; Songtipya, L; Sham, AMP; Johns, J		Kalkornsurapranee, Ekwipoo; Lehman, Nussana; Judklaing, Piyarat; Songtipya, Ladawan; Sham, Aan M. P.; Johns, Jobish	Curing of Natural Rubber/Polyvinyl Alcohol Blends Using Glutaraldehyde	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	3rd International Conference on Applied Physics and Material Applications (ICAPMA)	MAY 31-JUN 02, 2017	According to our previous work, a novel method to vulcanize natural rubber (NR) at low temperature (below 50 degrees C) has been introduced using Glutaraldehyde (GA) as a curing agent. The mechanical property of GA cured NR was found to be low. It can be improved by blending NR with suitable thermoplastics. The main	[Kalkornsurapranee, Ekwipoo; Lehman, Nussana; Judklaing, Piyarat] Prince Songkla Univ, Fac Sci, Dept Mat Sci & Technol, Hat Yai, Thailand; [Songtipya, Ladawan] Prince Songkla Univ, Fac Agroind, Dept Mat Prod Technol, Hat Yai, Thailand; [Sham, Aan M. P.] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Johns	Prince of Songkla University; Prince of Songkla University; R.V. College of Engineering	1	ELSEVIER SCIENCE BV	2214-7853		2018	5	7	http://dx.doi.org/10.1016/j.matpr.2018.04.067

C	Kavitha, TN; Auradi, V; Rajesh, GL; Bharath, V; Kumar, SM; Nagaral, M		Kavitha, T. N.; Auradi, V.; Rajesh, G. L.; Bharath, V.; Kumar, S. Mahendra; Nagaral, Madeva	Microstructure and tensile behaviour of B4C particles reinforced Al6061 matrix composites	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	3rd International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering (SME)	NOV 19-21, 2021	In an ongoing work an exertion is made to get fabrication of aluminium 6061 matrix composites reinforced with 8 mm average size of 7 wt% B4C particulates of with two stage melt stirring fabrication technic and are examined under scanning electron microscopy, Energy Dispersive X-ray Spectroscopy, and X-ray	[Kavitha, T. N.; Auradi, V.; Rajesh, G. L.; Bharath, V.] Siddaganga Inst Technol, Dept Mech Engn, Tumakuru 572103, Karnataka, India; [Kumar, S. Mahendra] RV Coll Engn, Dept Mech Engn, Mysuru Rd, Bangalore 560059, Karnataka, India; [Nagaral, Madeva] Hindustan Aeronaut Ltd, Aircraft Res & Design Ctr	Siddaganga Institute of Technology; R.V. College of Engineering; Hindustan Aeronautics Limited	1	ELSEVIER	2214-7853		2022	52		http://dx.doi.org/10.1016/j.matpr.2021.11.188

C	Noolvi, B; Raja, S; Nagaraj, S		Noolvi, Basavaraj; Raja, S.; Nagaraj, Shanmukha	Constitutive Modeling of Smart Adaptive Composite with inactive SMP	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials, Manufacturing and Applied Sciences (ICAMMAS)	MAR 30-31, 2017	Quite amazingly, materials of a certain class popularly named as smart materials are capable of responding to an external stimulus. Shape memory effect is the property of some of these material to gain back its original shape when activated with suitable stimulus. Shape memory alloys (SMAs) are metals	[Noolvi, Basavaraj] Amrita Vishwa Vidyapeetham, Amrita Sch Engn, Dept Mech Engn, Bangalore, Karnataka, India; [Raja, S.] Natl Aerosp Labs, Bangalore, Karnataka, India; [Nagaraj, Shanmukha] RV Coll Engn, Mech Engn Dept, Bangalore, Karnataka, India	Amrita Vishwa Vidyapeetham; Amrita Vishwa Vidyapeetham Bengaluru; Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL); R.V. College of Engineering	1	ELSEVIER	2214-7853		2019	16		http://dx.doi.org/10.1016/j.matpr.2019.05.183

J	Niranjan, V; Uttarkar, A; Dadi, S; Dawane, A; Varghese, A; Kumar, HGJ; Makarla, U; Ramu, VS		Niranjan, Vidya; Uttarkar, Akshay; Dadi, Sujitha; Dawane, Akashata; Vargheese, Ashwin; Kumar, Jalendra H. G.; Makarla, Udayakumar; Ramu, Vemanna S.	Stress-Induced Detoxification Enzymes in Rice Have Broad Substrate Affinity	ACS OMEGA	Article			Reactive carbonyl compounds (RCCs) such as hydroxynonenol, malondialdehyde, acrolein, crotonaldehyde, methylglyoxal, and glyoxal accumulate at higher levels under stress in plants and damage the cell metabolic activities. Plants have evolved several detoxifying enzymes such as aldo-keto reductases (AKRs), aldehyde/alc	[Niranjan, Vidya; Uttarkar, Akshay] RV Engn Coll, Dept Biotechnol, Bengaluru 560059, India; [Dadi, Sujitha; Vargheese, Ashwin; Kumar, Jalendra H. G.; Makarla, Udayakumar] Univ Agr Sci, Dept Crop Physiol, Bengaluru 560065, India; [Dawane, Akashata; Ramu, Vemanna S.] NCR Biotech Sci Cluster, Lab Plant	R.V. College of Engineering; University of Agricultural Sciences Bangalore; Department of Biotechnology (DBT) India; Regional Centre for Biotechnology	6	AMER CHEMICAL SOC	2470-1343		2021	6	4	http://dx.doi.org/10.1021/acsomega.0c05961

J	Sujatha, A; Govindaraju, L; Shivakumar, N; Devaraj, V		Sujatha, A. .; Govindaraju, L.; Shivakumar, N.; Devaraj, V.	Fuzzy Knowledge Based System for Suitability of Soils in Airfield Applications	CIVIL ENGINEERING JOURNAL-TEHRAN	Article			Proper design of roads and airfield pavements requires an in-depth soil properties evaluation to determine suitability of soil. Soft computing is used to model soil classification system's dynamic behaviour and its properties. Soft computing is based on methods of machine learning, fuzzy logic and artificial neural networks	[Sujatha, A. .] RV Coll Engn, Dept Math, Bangalore 560059, Karnataka, India; [Govindaraju, L.] Bangalore Univ, UVCE, Dept Civil Engn, Bangalore 560056, Karnataka, India; [Shivakumar, N.] RV Coll Engn, Dept Math, Bangalore 560059, Karnataka, India; [Devaraj, V.] Dr AIT, Dept Civil Engn, Bangalore 560056, Karnataka	R.V. College of Engineering; Bangalore University; R.V. College of Engineering	12	C EJ PUBLISHING GROUP	2676-6957		2021	7	1	http://dx.doi.org/10.28991/cej-2021-03091643

J	Yalçin, S; Swamy, SR; Magesh, N; Nirmala, J		Yalcin, S.; Swamy, S. R.; Magesh, N.; Nirmala, J.	Some Properties of a Generalized Integral Operator	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	Article			The object of the present paper is to derive some properties of holomorphic functions in the open unit disc which are defined by using a new generalized integral operator by applying a lemma due to Miller and Mocanu. Also we mention some interesting consequences of our main results.	[Yalcin, S.] Bursa Uludag Univ, Fac Arts & Sci, Dept Math, TR-16059 Bursa, Turkey; [Swamy, S. R.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Magesh, N.] Govt Arts Coll Men, Postgrad & Res Dept Math, Krishnagiri 635001, Tamil Nadu, India; [Nirmala, J.] Maharanis Sci Coll	Uludag University; R.V. College of Engineering	0	RGN PUBL	0976-5905		2021	12	1	http://dx.doi.org/10.26713/cma.v12i1.1471

C	Thejas, GS; Borooje ni, KG; Chandn a, K; Bhatia, I; Iyengar, SS; Sunitha, NR		Thejas, G. S.; Boroojeni, Kianoosh G.; Chandna, Kshitij; Bhatia, Isha; Iyengar, S. S.; Sunitha, N. R.	Deep Learning-based Model to Fight Against Ad Click Fraud	PROCEED INGS OF THE 2019 ANNUAL ACM SOUTHEA ST CONFERE NCE (ACMSE 2019)	Proceedings Paper	Annual ACM Southeast Conference (ACMSE)	APR 18-20, 2019	Click fraud is a fast-growing cyber-criminal activity with the aim of deceptively clicking on the advertiseme nts to make the proit to the publisher or cause loss to the advertiser. Due to the popularity of smartphones since the last decade, most of the modern-day advertiseme nt businesses have been shifting their focus toward	[Thejas, G. S.; Boroojeni, Kianoosh G.; Iyengar, S. S.] Florida Int Univ, Miami, FL 33199 USA; [Chandna, Kshitij; Sunitha, N. R.] Siddaganga Inst Technol, Tumkur, Karnataka, India; [Bhatia, Isha] RV Coll Engn, Bangalore, Karnataka, India	State Universi ty System of Florida; Florida Internati onal Universi ty; Siddaga nga Institute of Technol ogy; R.V. College of Enginee ring	18	ASSOC COMP UTING MACHI NERY		978-1-4503-6251-1	2019			http://dx .doi.org/ 10.1145/ 3299815 .331445 3

C	Kumar, TB; Haseebuddin, MR; Raghavendra, N; Mahesh, KRV		Kumar, Bharath T.; Haseebuddin, M. R.; Raghavendra, N.; Mahesh, Vishnu K. R.	Influence of Sic on Mechanical, Thermal, Fire and Wear Studies of Vinylester/Glass Fibre Composites	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conferance on Advances in Science and Enginerring (ICASE)	JAN 19-22, 2017	The objective of this current study was to examine the effect of Silicon Carbide (SiC) content in the glass fibre-reinforced vinylester composites. The 5 to 15 wt.% SiC dispersed vinylester/glass composite were fabricated using wet hand lay-up process. The tensile, flexural and impact properties were increased by the addition of	[Kumar, Bharath T.; Haseebuddin, M. R.] Dayananda Sagar Coll Engn, Dept Mech Engn, Bengaluru 560078, India; [Raghavendra, N.] CMRTU, RV Coll Campus, Bengaluru 560059, Karnataka, India; [Mahesh, Vishnu K. R.] Natl Assessment & Accreditat Council, Bangalore 560072, Karnataka, India	Dayananda Sagar College of Engineering; R.V. College of Engineering; National Assessment & Accreditation Council (NAAC)	5	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	

C	Singh, MM; Vijaya, G; Krupashankara, MS; Sridhara, BK; Shridhar, TN		Singh, Muralidhar M.; Vijaya, G.; Krupashankara, M. S.; Sridhara, B. K.; Shridhar, T. N.	Deposition and Characterization of Aluminium Thin film Coatings using DC Magnetron Sputtering Process	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	Aluminium (Al) thin film deposited using DC Magnetron sputtering combines many properties such as Optical, Mechanical properties on ceramic substrates. Properties of thin film coating depend on the deposition parameters employed. The aim of this work was to study the optical and mechanical properties of aluminium thinfilms	[Singh, Muralidhar M.] Madanapalle Inst Technol & Sci, Dept Mech Engn, Post Box 14,Kadiri Rd, Madanapalle 517325, Andhra Pradesh, India; [Sridhara, B. K.; Shridhar, T. N.] Natl Inst Engn, Dept Mech Engn, Mysuru 570008, India; [Vijaya, G.; Krupashankara, M. S.; Shridhar, T. N.] RV Coll Engn, Dept Mech	Madanapalle Institute of Technology & Science; National Institute of Engineering (NIE); R.V. College of Engineering	17	ELSEVIER	2214-7853		2018	5	1	

C	Nandi, S; Indumathi, TS; Priya, RVS; Kori, A	Barolli, L; Xhafa, F; Hussain, OK	Nandi, Somesh; Indumathi, T. S.; Priya, R. V. Sai; Kori, Aparna	Analysis of Fiber Bragg Grating Spectral Characteristics Using Couple Mode Theory for Sensor Applications	INNOVATIVE MOBILE AND INTERNET SERVICES IN UBIQUITOUS COMPUTING, IMIS-2019	Proceedings Paper	13th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS)	JUL 03-05, 2019	This paper presents analysis of spectral characteristics of Optical Fiber Bragg Gratings (FBG) for sensor applications. The FBG has been modeled by using the equations of couple mode theory (CMT) and simulated in matrix laboratory. The spectral characteristics are analyzed by varying grating length from 1 to 9 mm and	[Nandi, Somesh] VTU, Ctr Excellence IoT, RV Coll Engn, Bangalore, Karnataka, India; [Indumathi, T. S.] Visvesvaraiah Technol Univ, Ctr Post Grad Studies, Bangalore Reg, Belgaum, India; [Priya, R. V. Sai] Symbiosis Int Univ, Hyderabad, Telangana, India; [Kori, Aparna] S Nijalingappa Med Coll, Bagalkot, India	R.V. College of Engineering; Visvesvaraya Technological University; Symbiosis International University	0	SPRINGER INTERNATIONAL PUBLISHING AG	2194-5357	978-3-030-22263-5; 978-3-030-22262-8	2020	994		http://dx.doi.org/10.1007/978-3-030-22263-5_83

C	Ravi, VM; Akki, RS; Sugumar, S; Venkata, KC; Arunachalam, K		Ravi, Vidyalakshmi M.; Akki, Rachana S.; Sugumar, Sathyapriya; Venkata, Krishnamurthy C.; Arunachalam, Kavitha	Design and evaluation of medical microwave radiometer for measuring tissue temperature	2019 URSI ASIA-PACIFIC RADIO SCIENCE CONFERENCE (AP-RASC)	Proceedings Paper	URSI Asia-Pacific Radio Science Conference (AP-RASC)	MAR 09-15, 2019	Medical microwave radiometry is a passive non-invasive technique for measuring tissue temperature gradient in the human body. Design and evaluation of a medical microwave radiometer centered at 1.3 GHz with 330 MHz bandwidth is presented here. An active noise source with noise equivalent temperature of 303 K is used for	[Ravi, Vidyalakshmi M.; Akki, Rachana S.; Sugumar, Sathyapriya; Arunachalam, Kavitha] IIT Madras, Dept Engn Design, Chennai, Tamil Nadu, India; [Akki, Rachana S.] RV Coll Engn, Dept Elect & Instrumentat Engn, Bengaluru, Karnataka, India; [Venkata, Krishnamurthy C.] IIT Madras, Dept Phys, Chennai, Tamil	Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Madras; R.V. College of Engineering; Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) -	2	IEEE		978-9-0825-9875-9	2019			http://dx.doi.org/10.23919/ursiap-rasc.2019.8738630

J	Rao, KV; Kumar, YP; Singh, VK; Raju, LS; Ranganayakulu, J		Rao, Kaki Venkata; Kumar, Yekula Prasanna; Singh, Vijay Kumar; Raju, Lam Suvrna; Ranganayakulu, Jinka	Vibration-based tool condition monitoring in milling of Ti-6Al-4V using an optimization model of GM(1,N) and SVM	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	Article			Titanium alloys are the difficult to cut metals due to their low thermal conductivity and chemical affinity with tool material. Since the tool vibration is a replica of tool wear and surface roughness, the present study has proposed a methodology for estimating tool wear and surface roughness based on tool vibration for milling of Ti-6Al-	[Rao, Kaki Venkata; Raju, Lam Suvrna] Vignans Fdn Sci Technol & Res, Dept Mech Engn, Vadlamudi 522213, India; [Kumar, Yekula Prasanna] Buie Hora Univ, Coll Engn & Technol, Dept Min, Oromia 144, Ethiopia; [Singh, Vijay Kumar] Madan Mohan Malaviya Univ Technol, Dept Mech Engn	Vignan's Foundation for Science, Technology & Research (VFSTR); Madan Mohan Malaviya University of Technology; R.V. College of Engineering	18	SPRINGER LONDON LTD	0268-3768		2021	115	5-6	http://dx.doi.org/10.1007/s00170-021-07280-3

J	Swamy, SN; Kota, SR		Swamy, S. Narasimha; Kota, Solomon Raju	An Empirical Study on System Level Aspects of Internet of Things (IoT)	IEEE ACCESS	Article			Internet of Things (IoT) is an integration of the Sensor, Embedded, Computing, and Communication technologies. The purpose of the IoT is to provide seamless services to anything, anytime at any place. IoT technologies play a crucial role everywhere, which brings the fourth revolution of disruptive technologies after the	[Swamy, S. Narasimha; Kota, Solomon Raju] Acad Sci & Innovat Res AcSIR, Ghaziabad 201002, India; [Swamy, S. Narasimha; Kota, Solomon Raju] CSIR CEERI, Pilani 333031, Rajasthan, India; [Swamy, S. Narasimha] Rashtreeya Vidyalaya Coll Engn RVCE, Bengaluru 560059, India	Academy of Scientific & Innovative Research (AcSIR); Council of Scientific & Industrial Research (CSIR) - India; CSIR - Central Electronics Engineering Research Institute (CEERI); R.V. College of Enginee	48	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	2169-3536		2020	8		http://dx.doi.org/10.1109/ACCESS.2020.3029847

J	Baskaran, M; Mudbidre, R; Schweitzer, L		Baskaran, Mark; Mudbidre, Rajalakshmi; Schweitzer, Linda	Quantification of Po-210 and Pb-210 as tracer of sediment resuspension rate in a shallow riverine system: Case study from southeast Michigan, USA	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	Article			Polonium-210 and Pb-210 were measured in surficial benthic sediments and particulate matter collected in sediment traps deployed at five different locations in the Clinton River, a dynamic system, in Lake St. Clair in Southeast Michigan to quantify the sediment resuspension rates and determine the particle residence time. The	[Baskaran, Mark] Wayne State Univ, Dept Geol, Detroit, MI 48202 USA; [Mudbidre, Rajalakshmi] RV Coll Engn, Dept Chem Engn, Bengaluru, India; [Mudbidre, Rajalakshmi; Schweitzer, Linda] Oakland Univ, Dept Chem, Rochester, MI 48309 USA	Wayne State University; R.V. College of Engineering; Oakland University	6	ELSEVIER SCI LTD	0265-931X		2020	222		http://dx.doi.org/10.1016/j.jenvrad.2020.106339

J	Singh, MM; Kumar, H; Kumar, GH; Sivaiah, P; Nagesha, KV; Ajay, KM; Vijaya, G		Singh, M. Muralidhar; Kumar, Harinandan; Kumar, G. Hemath; Sivaiah, P.; Nagesha, K. V.; Ajay, K. M.; Vijaya, G.	Determination of Strength Parameters of Glass Fibers Reinforced Composites for Engineering Applications	SILICON	Article			The manufacturing of the composite material has been developed tremendously over the years due to its superior properties like low density, stiffness, lightweight and excellent mechanical as well as physical properties. These exceptional properties of composite materials have found its applications widely in aerospace, automotive	[Singh, M. Muralidhar; Kumar, G. Hemath; Sivaiah, P.; Nagesha, K. V.] Madanapalle Inst Technol & Sci, Madanapalle, India; [Kumar, Harinandan] Univ Petr & Energy Studies, Dept Petr & Earth Sci, Dehra Dun 248007, Uttarakhand, India; [Ajay, K. M.] RV Coll Engn, Bangalore, Karnataka, India; [Vijaya, G.] Dayananda Sagar Acad Technol &	Madanapalle Institute of Technology & Science; University of Petroleum & Energy Studies (UPES); R.V. College of Engineering	17	SPRINGER	1876-990X		2020	12	1	http://dx.doi.org/10.1007/s12633-019-0078-3

J	Romero, ME; Long, CH; La Rocco, D; Keerthi, AM; Xu, DJ; Yu, J		Romero, Moises E.; Long, Chunhong; La Rocco, Daniel; Keerthi, Anusha M.; Xu, Dajun; Yu, Jin	Probing remdesivir nucleotide analogue insertion to SARS-CoV-2 RNA dependent RNA polymerase in viral replication	BIOPHYSICAL JOURNAL	Meeting Abstract	66th Annual Meeting of the Biophysical-Society	FEB 19-23, 2022		[Romero, Moises E.] Univ Calif Irvine, Chem, Irvine, CA USA; [Long, Chunhong] Chongqing Univ Posts & Telecommun, Chongqing, Peoples R China; [La Rocco, Daniel; Yu, Jin] Univ Calif Irvine, Phys, Irvine, CA USA; [Keerthi, Anusha M.] RV Coll Engn, Biotechnol, Bengaluru, India; [Xu, Dajun] Univ Calif Irvine	University of California System; University of California Irvine; Chongqing University of Posts & Telecommunications; University of California System; University of California Irvine; R.V. College of Engineering; Universi	0	CELL PRESS	0006-3495		2022	121	3	

J	Skariyachan, S; Khangwal, I; Niranjan, V; Kango, N; Shukla, P		Skariyachan, Sinosh; Khangwal, Ishu; Niranjan, Vidya; Kango, Naveen; Shukla, Pratyoosh	Deciphering effectual binding potential of xylo-substrates towards xylose isomerase and xylokinase through molecular docking and molecular dynamic simulation	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	Article			Xylooligosaccharides (XOS) such as xylobiose and xylotriose are prebiotics with important functions and relevance and the study of interaction mechanism between these substrate and their respective enzymes has scope and applications. Thus, the present study aimed to decipher the interaction mechanisms	[Skariyachan, Sinosh] St Pius X Coll Rajapuram, Dept Microbiol, Kasaragod, India; [Khangwal, Ishu; Shukla, Pratyoosh] Maharshi Dayanand Univ, Dept Microbiol, Enzyme Technol & Prot Bioinformat Lab, Rohtak, Haryana, India; [Niranjan, Vidya] RV Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India; [Kango	Maharshi Dayanand University; R.V. College of Engineering; Dr. Hari Singh Gour University	5	TAYLOR & FRANCIS INC	0739-1102		2021	39	11	http://dx.doi.org/10.1080/07391102.2020.1772882

C	Venkatesh, T; Siddeswara, DMK; Mylarappa, M; Mahesh, KRV; Nagaswarupa, HP; Raghavendra, N		Venkatesh, T.; Siddeswara, D. M. K.; Mylarappa, M.; Mahesh, K. R. Vishnu; Nagaswarupa, H. P.; Raghavendra, N.	Photo Decomposition of Acid Orang 8 from Aqueous Solution by Using rGO/CNT/AgO Nano Composite	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conferance on Advances in Science and Enginerring (ICASE)	JAN 19-22, 2017	In present study rGO produced by modified hummer's method, which is used for one pot synthesis of AgO incorporated rGO/AgO and rGO/CNT's/AgO composite. As synthesized rGO composites were studied using X-ray Diffractometer (XRD), Scanning Electron Microscopy (SEM) andFourier-transform infrared spectroscop	[Venkatesh, T.] ACS Coll Engn, Dept Chem, Bengaluru 560074, Karnataka, India; [Siddeswara, D. M. K.] Jyothi Inst Technol, Dept Chem, Bengaluru 560062, Karnataka, India; [Mylarappa, M.] AMCEC, Res Ctr, Dept Chem, Bengalureu 560083, Karnataka, India; [Mahesh, K. R. Vishnu] Natl Assessment & Accreditat Council	R.V. College of Engineering	2	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.642

J	Niranjan, PK; Kola, SR		Niranjan, P. K.; Kola, Srinivasa Rao	The radio k-chromatic number for corona of graphs	ASIAN-EUROPEAN JOURNAL OF MATHEMATICS	Article			For a connected simple graph G and a positive integer k <= diam(G), a radio k-coloring is an assignment f of positive integers (colors) to the vertices of G such that for every pair of distinct vertices u and v in G, |f(u) - f(v)|>= 1 + k - d(u,v). The span rc(k)(f) of f is maxv(is an element of V (G)) f(v). The minimum of {rc(k)(f)	[Niranjan, P. K.] RV Coll Engn, Dept Math, Mysuru Rd, Bengaluru 560059, India; [Kola, Srinivasa Rao] Natl Inst Technol Karnataka, Dept Math & Computat Sci, Mangalore 575025, Karnataka, India	R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Karnataka	0	WORLD SCIENTIFIC PUBL CO PTE LTD	1793-5571		2023	16	4	http://dx.doi.org/10.1142/S1793557123500560

J	Patil, PR; Tanavade, S; Dinesh, MN		Patil, Pavankumar R.; Tanavade, Satish; Dinesh, M. N.	Analysis of Power Loss in Forward Converter Transformer Using a Novel Machine Learning Based Optimization Framework	TECHNOLOGY AND ECONOMICS OF SMART GRIDS AND SUSTAINABLE ENERGY	Article			High power and high voltage gains in Forward Converter significance are a foremost topic for wind power switch mode supplies. However, due to the recent penetration of forward converter usage in the power network and wide range of load, the reliability and power loss problem becomes a crucial one. Therefore, this paper	[Patil, Pavankumar R.] Sharad Inst Technol Coll Engn, Dept Elect Engn, Yadrav 416121, Maharashtra, India; [Tanavade, Satish] Natl Univ Sci & Technol, Dept Elect & Commun Engn, Coll Engn, Muscat, Oman; [Dinesh, M. N.] RV Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, Karnataka, India	National University of Science & Technology, Oman; R.V. College of Engineering	2	SPRINGERNATURE			2022	7	1	http://dx.doi.org/10.1007/s40866-022-00145-y

J	Gopal, J; Narasimhamurthy, S		Gopal, Jayalatha; Narasimhamurthy, Suma	Nonlinear rotating viscoelastic liquid convection with temperature modulation	HEAT TRANSFER	Article			In this study, heat transport in thermal convection of rotating viscoelastic liquids heated from below with temperature modulation is analyzed. The study is performed using Fourier series with a minimal representation. The constitutive relationship of the Oldroyd liquid B model is taken into consideration. The resulting Khayat-Lorenz model in	[Gopal, Jayalatha] Rashtreeya Vidyalaya Coll Engn, Dept Math, Bengaluru, India; [Narasimhamurthy, Suma] Dayananda Sagar Coll Engn, Dept Math, Bengaluru, India	R.V. College of Engineering; Dayananda Sagar College of Engineering	3	WILEY	2688-4534		2020	49	8	http://dx.doi.org/10.1002/htj.21841

C	Kumar, RC; Benal, MM; Prasad, BD; Krupashankara, MS; Kulkarni, RS; Siddaligaswamy, NH		Kumar, Chandra R.; Benal, M. M.; Prasad, B. Durga; Krupashankara, M. S.; Kulkarni, R. S.; Siddaligaswamy, N. H.	Microwave assisted extraction of oil from pongamia pinnata seeds	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advanced Materials and Applications (ICAMA)	JUN 15-17, 2016	Extraction of oil from seeds is typically carried out by mechanical oil extraction machine. In this study, oil extraction of pongamia pinnata seeds has been carried out using energy from microwaves. A microwave assisted oil extraction system was developed and oil was successfully extracted. Oil extraction was carried	[Prasad, B. Durga] JNTUA Coll Engn, Anantapuramu, India; [Benal, M. M.] Govt Engn Coll, Kushalnagar, India; [Kumar, Chandra R.; Krupashankara, M. S.; Kulkarni, R. S.] RV Coll Engn, Bengaluru, India; [Siddaligaswamy, N. H.] Govt India, MHRD, AICTE, New Delhi, India	Jawaharlal Nehru Technological University - Anantapur; JNTUA College of Engineering Anantapur; R.V. College of Engineering	21	ELSEVIER	2214-7853		2018	5	1	http://dx.doi.org/10.1016/j.matpr.2018.01.094

C	Mylarappa, M; Lakshmi, VV; Mahesh, KRV; Raghavendra, N; Nagaswarupa, HP		Mylarappa, M.; Lakshmi, V. Venkata; Mahesh, K. R. Vishnu; Raghavendra, N.; Nagaswarupa, H. P.	Cyclic Voltammetry, Impedance and Thermal Properties of CoFe2O4 Obtained from Waste Li-Ion Batteries	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conferance on Advances in Science and Enginerring (ICASE)	JAN 19-22, 2017	In the present study, CoFe2O4 nanocrystals were synthesized from waste lithium ion battery powder using citric acid as eco-friendly material by hydrothermal method. The prepared materials were characterized by X-ray powder diffraction (XRD) to study particle size and crystallinity, the morphology of the nano composite	[Mylarappa, M.; Lakshmi, V. Venkata] Tumkur Univ, AMC Engn Coll, Dept Chem, Res Ctr, Bannerghatta Rd, Bengaluru 560083, Karnataka, India; [Mylarappa, M.] Tumkur Univ, Dept Studies & Res Chem, BH Rd, Tumkur, Karnataka, India; [Mahesh, K. R. Vishnu] Natl Assessment & Accreditat Council	Tumkur University; Tumkur University; National Assessment & Accreditation Council (NAAC); R.V. College of Engineering	6	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.612

J	Gyanprakash, M; Rastogi, CK; Raitani, K; Maurya, MP; Choudhary, V; Chaudhary, R; Manjunatha, C		Gyanprakash, Maurya; Rastogi, Chandresh Kumar; Raitani, Karthik; Maurya, Manu Prakash; Choudhary, Vivek; Chaudhary, Romil; Manjunatha, C.	Optimization of Ascorbic Acid in the Synthesis of Cobalt Oxide for Enhanced Electrocatalytic Activity toward the Oxygen Evolution Reaction	ENERGY & FUELS	Article; Early Access			In this work, we are reporting the combustion synthesis of Co3O4 nanoparticles (NPs) and investigation of the influence of the oxidizing agent [Co(NO3)2] and fuel content (ascorbic acid) on the microstructural and electrochemical characteristics of the NPs. Co3O4 NPs were prepared by varying the relative amount of	[Gyanprakash, Maurya; Rastogi, Chandresh Kumar; Raitani, Karthik; Maurya, Manu Prakash; Chaudhary, Romil] Ctr Adv Studies, Lucknow 226031, India; [Gyanprakash, Maurya; Choudhary, Vivek] Indian Inst Technol, Dept Chem Engn, Kanpur 208016, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059	Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Kanpur; R.V. College of Engineering	0	AMER CHEMICAL SOC	0887-0624		2022			http://dx.doi.org/10.1021/acs.energyfuels.2c03814

J	Amourah, A; Frasin, BA; Swamy, SR; Sailaja, Y		Amourah, Ala; Frasin, Basem Aref; Swamy, Sondekola Rudra; Sailaja, Yerragunta	Coefficient bounds for Al-Oboudi type bi-univalent functions connected with a modified sigmoid activation function and k-Fibonacci numbers	JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE-JMCS	Article			Using the Al-Oboudi type operator, we present and investigate two special families of bi-univalent functions connected with the activation function phi(s) = 2/(1 + e(-s)), s is an element of R and k-Fibonacci numbers. We derive the bounds on initial coefficients 00 and the Fekete-Szego functional for functions of the type g(phi) (z) =	[Amourah, Ala] Irbid Natl Univ, Fac Sci & Technol, Dept Math, Irbid, Jordan; [Frasin, Basem Aref] Al al Bayt Univ, Dept Math, Fac Sci, Mafraq, Jordan; [Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Sailaja, Yerragunta] RV Coll Engn, Dept Math, Bengaluru 560059	Al al-Bayt University; R.V. College of Engineering; R.V. College of Engineering	4	INT SCIENTIFIC RESEARCH PUBLICATIONS	2008-949X		2022	27	2	http://dx.doi.org/10.22436/jmcs.027.02.02

J	Khangwal, I; Skariyachan, S; Uttarkar, A; Muddebihalkar, AG; Niranjan, V; Shukla, P		Khangwal, Ishu; Skariyachan, Sinosh; Uttarkar, Akshay; Muddebihalkar, Aditi G.; Niranjan, Vidya; Shukla, Pratyoosh	Understanding the Xylooligosaccharides Utilization Mechanism of Lactobacillus brevis and Bifidobacterium adolescentis: Proteins Involved and Their Conformational Stabilities for Effectual Binding	MOLECULAR BIOTECHNOLOGY	Article			Xylooligosaccharides having various degrees of polymerization such as xylobiose, xylotriose, and xylotetraose positively affect human health by interacting with gut proteins. The present study aimed to identify proteins present in gut microflora, such as xylosidase, xylulokinase, etc., with the help of retrieved whole-genome annotations	[Khangwal, Ishu; Shukla, Pratyoosh] Maharshi Dayanand Univ, Dept Microbiol, Enzyme Technol & Prot Bioinformat Lab, Rohtak 124001, Haryana, India; [Skariyachan, Sinosh] St Pius X Coll, Dept Microbiol, Kasaragod, Kerala, India; [Uttarkar, Akshay; Muddebihalkar, Aditi G.; Niranjan, Vidya] RV Coll Engn, Dept	Maharshi Dayanand University; R.V. College of Engineering; Banaras Hindu University (BHU)	6	SPRINGERNATURE	1073-6085		2022	64	1	http://dx.doi.org/10.1007/s12033-021-00392-x

C	Venugopal, G; Naagesh, S; Gangadhara, S		Venugopal, G.; Naagesh, Sureka; Gangadhara, S.	Impact of RBI Grade-81 on expansive soil strength characteristics	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	In this research, an attempt is made to understand the impact on strength characteristics of expansive soil treated with Road Building International Grade-81 (RBI-Grade-81) stabilizer. This stabilizer has a wide response spectrum range. A broad range of studies, such as Atterberg limit, Compaction, Unconfined compressive strength	[Venugopal, G.; Naagesh, Sureka] VTU, BMS Coll Engn, Dept Civil Engn, Bengaluru 560019, India; [Venugopal, G.] VTU, RV Coll Engn, Dept Civil Engn, Bengaluru 560019, India; [Gangadhara, S.] Bangalore Univ, Dept Civil Engn, UVCE, Bengaluru 560056, Karnataka, India	BMS College of Engineering; R.V. College of Engineering; Bangalore University	1	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2021.01.716

J	Kulkarni, BN; Kulkarni, NB; Anantharama, V		Kulkarni, Bhargavi N.; Kulkarni, Nagaraj B.; Anantharama, V	An empirical analysis of surface-level methane emission from anthropogenic sources in India	JOURNAL OF CLEANER PRODUCTION	Article			This study presents an empirical analysis of surface-level methane emission from anthropogenic sources in two major Indian cities. Three categories of sources were considered- (1) fossil fuel exploration and energy pro-duction (2) agriculture and livestock farming and (3) waste processing and disposal. In	[Kulkarni, Bhargavi N.; Anantharama, V] Visvesvaraya Technol Univ Recognized Res Ctr, Dept Civil Engn, RV Coll Engn, Mysore Rd, Bangalore 560059, Karnataka, India; [Kulkarni, Nagaraj B.] Georgia Inst Technol, H Milton Stewart Sch Ind & Syst Engn, 755 Ferst Dr NW, Atlanta, GA 30332 USA	R.V. College of Engineering; University System of Georgia; Georgia Institute of Technology	2	ELSEVIER SCI LTD	0959-6526		2022	346		http://dx.doi.org/10.1016/j.jclepro.2022.131101

C	Varuna, M; Sunil, S; Anjneyappa; Amarnath, MS		Varuna, M.; Sunil, S.; Anjneyappa; Amarnath, M. S.	Studies on warm stone asphalt mixes using natural and synthetic fibres	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	Studies were carried on conventional stone matrix asphalt (SMA) mix, Warm SMA mix and RAP Warm SMA mix using natural and synthetic fibres as stabilizers.PMB40 and zycotherm are used as a binder and warm mix additive respectively. RAP Warm SMA mixes was prepared by adding 30% RAP content using WMA	[Varuna, M.; Anjneyappa; Amarnath, M. S.] Visvesvaraya Technol Univ, Rashtreeya Vidyalaya Coll Engn, Dept Civil Engn, Bengaluru 560059, Karnataka, India; [Sunil, S.] Bangalore Univ, Univ Visvesvaraya Coll Engn, Dept Civil Engn, Bengaluru 560059, India	Visvesvaraya Technological University; R.V. College of Engineering; Bangalore University	3	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2020.10.497

J	Didde, S; Dubey, RS; Panda, SK; Babu, GS		Didde, Sekhar; Dubey, R. S.; Panda, Sampad Kumar; Babu, G. Satheesh	Experimental study of doped zinc aluminate nanoparticles by bottom-up approach for microstrip patch antenna applications	JOURNAL OF MATERIALS SCIENCE	Article			Zinc aluminate is a gahnite material that has prospective uses in optical coatings, photocatalytic activity, sensors, displays, microwave applications, and other areas. This work reports the preparation of Zn(1-x)CaxAl2O4 (at x = 0.0 and x = 0.5) nanoparticles by the bottom-up approach. X-ray diffraction analyses demonstrate the polycrystalli	[Didde, Sekhar] Swarnandhra Coll Engn & Technol, Dept Elect & Commun Engn, Narsapur, AP, India; [Dubey, R. S.] Guru Nanak Univ, Univ Inst Engn & Technol, Ibrahimpatnam, Telangana, India; [Didde, Sekhar; Panda, Sampad Kumar] Koneru Lakshmaiah Educ Fdn, Dept ECE, Guntur, Andhra Pradesh, India; [Babu, G.	Guru Nanak Dev University; Koneru Lakshmaiah Education Foundation (K L Deemed to be University); R.V. College of Engineering	0	SPRINGER	0022-2461		2022	57	45	http://dx.doi.org/10.1007/s10853-022-07929-8

J	Ajay, KMS; Dinesh, MN; Yashaswini, M; Gopalakrishna, B; Kathyayini, N; Sundarayya, Y; Vijeth, H		Ajay, Kalale Mahadeva Shetty; Dinesh, Muniyappa Nanjundaiah; Yashaswini, Manjappa; Gopalakrishna, Byatarayappa; Kathyayini, Nagaraju; Sundarayya, Yanamandra; Vijeth, Hebri	Natural Biomass Derived Microporous Activated Carbon Electrodes for Highly Efficient Supercapacitor Applications	CHEMISTRYSELECT	Article			The present work aims to synthesize microporous activated carbon nanostructure using natural biomass materials such as Bamboo, Sugarcane bagasse, and Orange peel precursors and to study its structural and morphological properties for energy storage applications. The carbonization temperature is	[Ajay, Kalale Mahadeva Shetty; Dinesh, Muniyappa Nanjundaiah] RV Coll Engn, Dept Elect & Elect, Bangalore 560059, Karnataka, India; [Yashaswini, Manjappa] Mangalore Univ, Dept Phys, Mangalore 574199, India; [Gopalakrishna, Byatarayappa; Kathyayini, Nagaraju] Jyothy Inst Technol, Ctr Incubat Innovat Res	R.V. College of Engineering; Mangalore University; Nagaland University	2	WILEY-V C H VERLAG GMBH	2365-6549		2022	7	37	http://dx.doi.org/10.1002/slct.202201301

C	Bhat, SGA; Anushree, HN; Das, S		Bhat, S. G. Aditya; Anushree, H. N.; Das, Sarasij	Steganography based Low Complexity Authentication Scheme for Synchrophasor Communication	2018 20TH NATIONAL POWER SYSTEMS CONFERENCE (NPSC)	Proceedings Paper	20th National Power Systems Conference (NPSC)	DEC 14-16, 2018	Successful cyber-attack on synchrophasor network can have devastating impacts on the power grids. One of the limitations of the IEEE standard C37.118-2 is that it does not address the security requirements of synchrophasor communications. In the IEEE standard C37.118-2, Cyclic Redundancy Check (CRC) has been proposed	[Bhat, S. G. Aditya; Anushree, H. N.] RV Coll Engn, Dept Elect & Commun Engn, Bangalore, Karnataka, India; [Das, Sarasij] Indian Inst Sci, Dept Elect Engn, Bangalore, Karnataka, India	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	0	IEEE		978-1-5386-6159-8	2018			

J	Bhargavi, K; Babu, BS; Pitt, J		Bhargavi, K.; Babu, Sathish B.; Pitt, Jeremy	Performance Modeling of Load Balancing Techniques in Cloud: Some of the Recent Competitive Swarm Artificial Intelligence-based	JOURNAL OF INTELLIGENT SYSTEMS	Article			Cloud computing deals with voluminous heterogeneous data, and there is a need to effectively distribute the load across clusters of nodes to achieve optimal performance in terms of resource usage, throughput, response time, reliability, fault tolerance, and so on. The swarm intelligence methodologies use artificial intelligence to solve	[Bhargavi, K.] Siddaganga Inst Technol, Dept Comp Sci & Engn, Tumakuru, India; [Babu, Sathish B.] RV Coll Engn, Dept Comp Sci & Engn, Bangalore, Karnataka, India; [Pitt, Jeremy] Imperial Coll, Dept Elect & Elect Engn, London, England	Siddaganga Institute of Technology; R.V. College of Engineering; Imperial College London	6	WALTER DE GRUYTER GMBH	0334-1860		2021	30	1	http://dx.doi.org/10.1515/jisys-2019-0084

J	Singh, MM; Kumar, H; Nagesha, KV; Sivaiah, P; Kumar, GH; Ajay, KM; Vijaya, G		Singh, M. Muralidhar; Kumar, Harinandan; Nagesha, K. V.; Sivaiah, P.; Kumar, G. Hemath; Ajay, K. M.; Vijaya, G.	Evaluation of Multilayer Thin Film Coatings for Solar Thermal Applications	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	Article			The multilayer thin film coatings are one of the proven technologies for improvement in solar thermal and optical applications. In current solar thermal and optical systems, multilayer thin film coatings find application in many functions such as photovoltaics, heat exchangers, filters, sensor technologies, laser windows	[Singh, M. Muralidhar; Nagesha, K. V.; Sivaiah, P.; Kumar, G. Hemath] Madanapalle Inst Technol & Sci, Madanapalle, India; [Kumar, Harinandan] Univ Petr & Energy Studies, Dept Petr & Earth Sci, Dehra Dun 248007, Uttarakhand, India; [Ajay, K. M.] RV Coll Engn, Bangalore, Karnataka, India; [Vijaya, G.] Dayananda Sagar Coll Engn	Madanapalle Institute of Technology & Science; University of Petroleum & Energy Studies (UPES); R.V. College of Engineering; Dayananda Sagar College of Engineering	3	SPRINGER HEIDELBERG	2193-567X		2019	44	9	http://dx.doi.org/10.1007/s13369-019-03904-9

J	Jayalatha, G; Suma, N		Jayalatha, G.; Suma, N.	Effect of heat source on Rayleigh-Benard convection in rotating viscoelastic liquids	HEAT TRANSFER	Article			The influence of heat sources on instability in rotating viscoelastic liquids is studied. Linear stability analysis is done using normal modes. Computations are done for 10 boundary combinations and the results reveal that convection manifests via the oscillatory mode in this case. The critical values of the oscillatory and	[Jayalatha, G.] Visvesvaraya Technol Univ, Dept Math, Rashtreeya Vidyalaya Coll Engn, Bengaluru, Karnataka, India; [Suma, N.] Visvesvaraya Technol Univ, Dept Math, Dayananda Sagar Coll Engn, Bengaluru, Karnataka, India	Visvesvaraya Technological University; R.V. College of Engineering; Visvesvaraya Technological University; Dayananda Sagar College of Engineering	2	WILEY	2688-4534		2021	50	8	http://dx.doi.org/10.1002/htj.22248

J	Sharma, K; Melavanki, R; Hiremath, SM; Kusanur, R; Geethanjali, HS; Nagaraja, N		Sharma, Kalpana; Melavanki, Raveendra; Hiremath, Sudhir M.; Kusanur, Raviraj; Geethanjali, H. S.; Nagaraja, Nagaraja	Synthesis, spectroscopic characterization, electronic and docking studies on novel chalcone derivatives (3DPP and 5PPD) by experimental and DFT methods	JOURNAL OF MOLECULAR STRUCTURE	Article			In the present study, 3-(2,4-Dichloro-phenyl)-1-pyridin-3-yl-propenone (3DPP) and 5-Phenyl-1-pyridin-3yl-penta-2,4-dien-1-one (5PPD) are synthesized and characterized by NMR, UV-Vis, FT-Raman and FT-IR spectroscopic methods. Theses spectroscopic results were correlated with the results of computational studies done using Gaussian	[Sharma, Kalpana; Melavanki, Raveendra] M S Ramaiah Inst Technol Bangaluru, Dept Phys, Bangaluru 560054, Karnataka, India; [Hiremath, Sudhir M.] KLE Soc JT Coll, Dept PG Studies Phys, Gadag 582101, Karnataka, India; [Kusanur, Raviraj; Nagaraja, Nagaraja] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India;	R.V. College of Engineering; Bangalore Institute of Technology; Visvesvaraya Technological University	5	ELSEVIER	0022-2860		2022	1256		http://dx.doi.org/10.1016/j.molstruc.2022.132553

J	Nagesha, BK; Vinodh, K; Tigga, AK; Barad, S; Kumar, SA		Nagesha, B. K.; Vinodh, K.; Tigga, Amit Kumar; Barad, Sanjay; Kumar, S. Anand	Influence of post-processing techniques on residual stresses of SLM processed HPNGV	JOURNAL OF MANUFACTURING PROCESSES	Article			In the present study, selective laser melting (SLM) technique employed to manufacture Inconel 718 high-pressure nozzle guide vane (HPNGV), an aero-engine component. The present work's focus is to investigate the influence of post-processing techniques on the residual stress of SLM fabricated	[Nagesha, B. K.; Tigga, Amit Kumar; Barad, Sanjay] Gas Turbine Res Estab, MERF Div, Bangalore 560093, Karnataka, India; [Vinodh, K.] RV Coll Engn, Dept Mech Engn, Bangalore 560059, Karnataka, India; [Kumar, S. Anand] Indian Inst Technol Jammu, Dept Mech Engn, Jammu 181221, India	Defence Research & Development Organisation (DRDO); Gas Turbine Research Establishment (GTRE); R.V. College of Engineering; Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT)	18	ELSEVIER SCI LTD	1526-6125		2021	66		http://dx.doi.org/10.1016/j.jmapro.2021.04.020

C	Arvind, CS; Totla, A; Jain, T; Sinha, N; Jyothi, R; Aditya, K; Keerthan; Farhan, M; Sumukh, G; Guruprasad, AK		Arvind, C. S.; Totla, Aditi; Jain, Tanisha; Sinha, Nandini; Jyothi, R.; Aditya, K.; Keerthan; Farhan, Mohammed; Sumukh, G.; Guruprasad, A. K.	Deep Learning Based Plant Disease Classification With Explainable AI and Mitigation Recommendation	2021 IEEE SYMPOSIUM SERIES ON COMPUTATIONAL INTELLIGENCE (IEEE SSCI 2021)	Proceedings Paper	IEEE Symposium Series on Computational Intelligence (IEEE SSCI)	DEC 05-07, 2021	Plants show visible symptoms of getting infected with a disease. Presently an experienced plant pathologist can diagnose the condition through visual inspection of disease-affected plants. However, manual visualization is time-consuming and depends on the plant pathologist's expertise in identifying plant disease	[Arvind, C. S.] ASTAR, Bioinformat Inst, Singapore, Singapore; [Arvind, C. S.; Totla, Aditi; Jain, Tanisha; Sinha, Nandini; Jyothi, R.] RV Coll Engn, Bengaluru, India; [Aditya, K.; Keerthan; Farhan, Mohammed] Dr Ambedkar Inst Technol, Bengaluru, India; [Sumukh, G.] RV Inst Technol & Managemen t, Bengaluru, India;	Agency for Science Technology & Research (A*STAR); A*STAR - Bioinformatics Institute (BII); R.V. College of Engineering	1	IEEE		978-1-7281-9048-8	2021			http://dx.doi.org/10.1109/SSCI50451.2021.9659869

J	Sahoo, B; Thejas, TS; Politova, ED; Panda, PK		Sahoo, B.; Thejas, T. S.; Politova, E. D.; Panda, P. K.	Effect of dopants on electrical properties of BCT-BZT lead free piezo ceramics: a review	FERROELECTRICS	Review			Lead free piezo materials are becoming popular as the world is conscious about toxicity of PbO present in PZT. As a result, lot of R&D efforts are made in last two decades to find out suitable lead free piezo ceramics as effective as PZT. There are many lead free piezo systems explored. Among them, BZT-BCT is	[Sahoo, B.; Panda, P. K.] Natl Aerosp Labs, CSIR, Mat Sci Div, Bangalore, Karnataka, India; [Thejas, T. S.] RV Coll Engn, Dept Mech Engn, Bangalore, Karnataka, India; [Politova, E. D.] Russian Acad Sci, Semenov Fed Res Ctr Chem Phys, Moscow, Russia	Council of Scientific & Industrial Research (CSIR) - India; CSIR - National Aerospace Laboratories (NAL); R.V. College of Engineering; Russian Academy of Sciences; N.N. Semenov Federal Research Centre	3	TAYLOR & FRANCIS LTD	0015-0193		2021	582	1	http://dx.doi.org/10.1080/00150193.2021.1951034

J	Prasanna, BP; Avadhani, DN; Raj, V; Kumar, KY; Raghu, MS		Prasanna, B. P.; Avadhani, D. N.; Raj, Vinuth; Kumar, K. Yogesh; Raghu, M. S.	Fabrication of PANI/SnO2 Hybrid Nanocomposites via Interfacial Polymerization for High Performance Supercapacitors Applications	SURFACE ENGINEERING AND APPLIED ELECTROCHEMISTRY	Article			Tin oxide (SnO2) nanoparticles were prepared by a low cost precipitation method. As prepared, SnO2 nanoparticles were incorporated into polyaniline (PANI) matrix to form PANI/SnO2 nanocomposites via liquid-liquid interfacial polymerization. The composite formation and structural changes in PANI/SnO2 nanocomposites were	[Prasanna, B. P.] Tumkur Univ, Dept Studies & Res Phys, Tumkur 572103, India; [Avadhani, D. N.] RV Coll Engn, Dept Phys, CMRTU, Bangalore 560059, Karnataka, India; [Prasanna, B. P.; Raj, Vinuth] Jain Univ, Sch Engn & Technol, Dept Phys, Bangalore 562112, Karnataka, India; [Kumar, K. Yogesh] Jain Univ, Sch Engn & Technol	Tumkur University; R.V. College of Engineering; Jain University; Jain University	9	PLEIADES PUBLISHING INC	1068-3755		2019	55	4	http://dx.doi.org/10.3103/S1068375519040100

C	Sharma, K; Melavanki, R; Yallur, BC; Kusanur, R; Patil, NR		Sharma, Kalpana; Melavanki, Raveendra; Yallur, Basappa C.; Kusanur, Raviraj; Patil, N. R.	Preparation and Optical Characterization of PMMA Thin Films of C1	MACROMOLECULAR SYMPOSIA	Proceedings Paper	6th International Conference on Advances in Materials Science (ICAMS)	APR 23-24, 2021	In this study, thin films of PMMA (poly methylmethacrylate) and chalcones are prepared via drop casting method. A newly synthesized Chalcone derivative namely 1-(3-Methoxy-phenyl)-3-(4-napthalen-yl)-propenone (C1) are used for doping films with different concentrations. Films prepared are	[Sharma, Kalpana; Melavanki, Raveendra] M S Ramaiah Inst Technol, Dept Phys, Bangaluru 560054, Karnataka, India; [Yallur, Basappa C.] M S Ramaiah Inst Technol, Dept Chem, Bangaluru 560054, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Patil, N. R.] BVB	Ramaiah Institute of Technology; Ramaiah Institute of Technology; R.V. College of Engineering; KLE Technological University	0	WILEY-V C H VERLAG GMBH	1022-1360		2021	400	1	http://dx.doi.org/10.1002/masy.202100150

J	Orhan, H; Mamatha, PK; Swamy, SR; Magesh, N; Yamini, J		Orhan, Halit; Mamatha, Paduvalapattana Kempegowda; Swamy, Sondekola Rudra; Magesh, Nanjundan; Yamini, Jagadeesan	Certain classes of bi-univalent functions associated with the Horadam polynomials	ACTA UNIVERSITATIS SAPIENTIAE-MATHEMATICA	Article			In this paper we consider two subclasses of bi-univalent functions defined by the Horadam polynomials. Further, we obtain coefficient estimates for the defined classes.	[Orhan, Halit] Ataturk Univ, Fac Sci, Dept Math, TR-25240 Erzurum, Turkey; [Mamatha, Paduvalapattana Kempegowda] RV Coll Engn, Dept Math, Bangalore 560059, Karnataka, India; [Swamy, Sondekola Rudra] RV Coll Engn, Dept Comp Sci & Engn, Bangalore 560059, Karnataka, India; [Magesh, Nanjundan] Govt Arts	Ataturk University; R.V. College of Engineering; R.V. College of Engineering	1	SCIENDO	1844-6094		2021	13	1	http://dx.doi.org/10.2478/ausm-2021-0015

J	Das, D; Kakati, M; Gracy, A; Sanjeev, A; Patra, SM; Mattaparthi, VSK		Das, Dorothy; Kakati, Mridusmita; Gracy, Aroon; Sanjeev, Airy; Patra, Swarna Mayee; Mattaparthi, Venkata Satish Kumar	Screening of druggable conformers of α-synuclein using molecular dynamics simulation	BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY	Article			Intrinsically disordered proteins (IDPs) are becoming an engaging prospect for therapeutic intervention by small drug-like molecules. IDPs structural binding pockets and their flexibility exist as a challenging target for standard druggable approaches. Hence, in this study, we have performed and identified the most probable druggable conformers	[Das, Dorothy; Kakati, Mridusmita; Sanjeev, Airy; Mattaparthi, Venkata Satish Kumar] Tezpur Univ, Dept Mol Biol & Biotechnol, Mol Modelling & Simulat Lab, Tezpur 784028, Assam, India; [Gracy, Aroon] Bharathidasan Univ, Dept Biotechnol, Tiruchirappalli 620024, Tamil Nadu, India; [Patra, Swarna	Tezpur University; Bharathidasan University; R.V. College of Engineering	2	BIOINTERFACE RESEARCH APPLIED CHEMISTRY	2069-5837		2020	10	3	http://dx.doi.org/10.33263/BRIAC103.338347

J	Jawad, F; Adarsha, CY; Raghavendra, T; Udayashankar, BC; Nataraja n, K		Jawad, Fayaz; Adarsha, C. Y.; Raghavendra, T.; Udayashankar, B. C.; Natarajan, K.	Structural behavior of concrete beams and columns reinforced with Waste Plastic incorporated GFRP (WPGFRP) rebars	JOURNAL OF BUILDING ENGINEERING	Article			Experimental investigations were carried out on novel Waste Plastic incorporated GFRP (WPGFRP) rebars and concrete specimens reinforced with the novel WPGFRP rebars. The WPGFRP rebars were manufactured through pultrusion, using waste plastic (PET powder) as a strength additive filler and various engineering properties	[Jawad, Fayaz; Adarsha, C. Y.; Raghavendra, T.; Udayashankar, B. C.] Visvesvaraya Technol Univ, RV Coll Engn, Dept Civil Engn, Bengaluru, Karnataka, India; [Jawad, Fayaz] Univ Calif Irvine, Dept Civil & Environm Engn, Irvine, CA USA; [Natarajan, K.] Visvesvaraya Technol Univ, RV Coll Engn, Dept Chem, Bengaluru	Visvesvaraya Technological University; R.V. College of Engineering; University of California System; University of California Irvine; Visvesvaraya Technological University; R.V. College of Engineering	21	ELSEVIER			2019	23		http://dx.doi.org/10.1016/j.jobe.2019.01.030

C	Lokeshwari, M; Mendi, V; Raghavendra, T; Reddy, A; Udayashankar, BC	Singh, UP; Chahar, BR; Yadav, HRP; Vij, SK	Lokeshwari, M.; Mendi, Vikas; Raghavendra, T.; Reddy, Amaranatha; Udayashankar, B. C.	Co-Composting of Municipal Solid Waste with Sewage Sludge for Sustainable Waste Management in Urban Areas	URBANIZATION CHALLENGES IN EMERGING ECONOMIES: ENERGY AND WATER INFRASTRUCTURE; TRANSPORTATION INFRASTRUCTURE; AND PLANNING AND FINANCING	Proceedings Paper	American-Society-of-Civil-Engineers (ASCE) India Conference on Urbanization Challenges in Emerging Economies	DEC 12-14, 2017	Rapid urbanization, industrialization, and change of life style of people has increased the rate of solid waste generation by leaps and bounds in the developing countries. Municipal solid waste generation varies with place to place and the standard of living of the people residing in cities. Solid waste consists of organic matter, which	[Lokeshwari, M.; Raghavendra, T.; Udayashankar, B. C.] RV Coll Engn, Dept Civil Engn, Mysore Rd, Bengaluru 560059, India; [Mendi, Vikas] Natl Inst Technol Karnataka, Dept Appl Mech & Hydraul, Surathkal 560059, India; [Reddy, Amaranatha] Madanapalle Inst Technol & Sci, Dept Civil Engn, Madanapalle, Andhra	R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Karnataka; Madanapalle Institute of Technology & Science	1	AMER SOC CIVIL ENGINEERS		978-0-7844-8202-5	2018			

C	Bharadwaj, S; Antony, A; Bhalerao, S; Kulkarni, A; Eswara, R; Suryawanshi, AS		Bharadwaj, Shreeanant; Antony, Anson; Bhalerao, Swapnil; Kulkarni, Apeksha; Eswara, Rohan; Suryawanshi, Abhishek Subhash	Smart IOT based Indoor Farming Analysis and Monitoring using Fuzzy logic Expert systems	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	Proceedings Paper	5th International Conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC)	NOV 11-13, 2021	This project presents the design of smart IOT based indoor farming analysis and monitoring using fuzzy logic techniques. Since climatic parameters of indoor farming are dependent on each other therefore, it is bit difficult to control them for this reason a system is designed which will monitor and analyse all the parameters	[Bharadwaj, Shreeanant] Maharaja Agrasen Inst Technol, Dept Elect & Elect Engn, Delhi, India; [Antony, Anson] JSPMS Rajarshi Shahu Coll Engn, Dept Comp Engn, Pune, Maharashtra, India; [Bhalerao, Swapnil] JSPM Rajarshi Shahu Coll Engn, Dept Comp Engn, Pune, Maharashtra, India; [Kulkarni, Apeksha]	Maharaja Agrasen Institute of Technology; R.V. College of Engineering	1	IEEE		978-1-6654-2642-8	2021			http://dx.doi.org/10.1109/I-SMAC52330.2021.9640781

C	Shenoy, AD; Ravindra, R; Satyanarayana, S		Shenoy, Amrutha D.; Ravindra, R.; Satyanarayana, S.	Effect of rain tree pod extract as plasticizer on properties of concrete	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	4th International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 29-31, 2019	The Rain tree (Albizia saman) is a large, moderately fast-growing tree with a large umbrella shaped canopy belonging to the legume family and has been introduced as a shade tree in many tropical regions around the world. The focus of the study is to test the suitability of rain tree pod extract as a natural plasticizer	[Shenoy, Amrutha D.; Ravindra, R.] RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India; [Shenoy, Amrutha D.] KS Sch Engn & Management, Dept Civil Engn, Bengaluru 560109, India; [Satyanarayana, S.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Ravindra, R.; Satyanarayana, S.] Visvesvaraya Technol Univ	R.V. College of Engineering; K.S. School of Engineering & Management; R.V. College of Engineering; Visvesvaraya Technological University	2	ELSEVIER	2214-7853		2021	46		http://dx.doi.org/10.1016/j.matpr.2021.03.442

J	Belagali, V; Rao, MVA; Gopikishore, P; Krishnamurthy, R; Ghosh, PK		Belagali, Varun; Rao, Achuth M., V; Gopikishore, Pebbili; Krishnamurthy, Rahul; Ghosh, Prasanta Kumar	Two step convolutional neural network for automatic glottis localization and segmentation in stroboscopic videos	BIOMEDICAL OPTICS EXPRESS	Article			Precise analysis of the vocal fold vibratory pattern in a stroboscopic video plays a key role in the evaluation of voice disorders. Automatic glottis segmentation is one of the preliminary steps in such analysis. In this work, it is divided into two subproblems namely, glottis localization and glottis segmentation. A two step convolution	[Belagali, Varun] RV Coll Engn, Comp Sci & Engn, Bangalore 560059, Karnataka, India; [Rao, Achuth M., V; Ghosh, Prasanta Kumar] Indian Inst Sci, Elect Engn, Bangalore 560012, Karnataka, India; [Gopikishore, Pebbili] All India Inst Speech & Hearing, Mysuru 570006, India; [Krishnamurthy, Rahul] Manipal Acad Higher Educ	R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore; Manipal Academy of Higher Education (MAHE); Kasturba Medical College, Manipal	1	Optica Publishing Group	2156-7085		2020	11	8	http://dx.doi.org/10.1364/BOE.396252

C	Mylarappa, M; Lakshmi, VV; Mahesh, KRV; Nagaswarupa, HP; Raghavendra, N		Mylarappa, M.; Lakshmi, V. Venkata; Mahesh, K. R. Vishnu; Nagaswarupa, H. P.; Raghavendra, N.	Recovery of Mn-Zn ferrite from waste batteries and development of rGO/Mn-Zn ferrite nanocomposite for water purification	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	1st International Conference on Nanoscience and Nanotechnology (ICNAN)	OCT 19-21, 2016	Inpresent paper the recovery of Mn-Zn ferrite nano-particles from waste batteries by using acid dissolution and ferrite process were studied. The recovered Mn-Zn ferrite nano-particles were decorated on rGO by using facile solvothermal method. The prepared material were characterized by X-ray powder diffraction (XRD) to	[Mylarappa, M.; Lakshmi, V. Venkata] AMC Engn Coll, Dept Chem, Res Ctr, Bannerghatta Rd, Bengaluru 560083, Karnataka, India; [Mylarappa, M.] Tumkur Univ, Dept Studies & Res Chem, BH Rd, Tumkur, Karnataka, India; [Mahesh, K. R. Vishnu] Natl Assessment & Accreditat Council, Bangalore	Tumkur University; National Assessment & Accreditation Council (NAAC); R.V. College of Engineering	13	ELSEVIER SCIENCE BV	2214-7853		2019	9		http://dx.doi.org/10.1016/j.matpr.2019.02.157

C	Mendi, V; Seelam, JK; Rao, S	Suh, KD; Cruz, EC; Tajima, Y	Mendi, Vikas; Seelam, Jaya Kumar; Rao, Subba	Estimation of Potential Tidal Energy Along the West Coast of India	ASIAN AND PACIFIC COASTS 2017: PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON APAC 2017	Proceedings Paper	9th International Conference on Asian and Pacific Coasts (APAC)	OCT 19-21, 2017	Tidal energy is one of the clean and non-depleting renewable energy sources. In contrast to other clean sources, such as wind, solar, geothermal etc., tidal energy can be predicted for years ahead. Also, the medium, seawater, is more than 800 times denser than air and the astronomic nature of the underlying driving mechanism	[Mendi, Vikas; Rao, Subba] Natl Inst Technol Karnataka, Dept Appl Mech & Hydraul, Surathkal 575025, Karnataka, India; [Mendi, Vikas] RV Coll Engn, Bengaluru 560059, Karnataka, India; [Seelam, Jaya Kumar] Natl Inst Oceanog, CSIR, Panaji 403004, Goa, India	National Institute of Technology (NIT System); National Institute of Technology Karnataka; R.V. College of Engineering; Council of Scientific & Industrial Research (CSIR) - India; CSIR - National	0	WORLD SCIENTIFIC PUBL CO PTE LTD		978-981-3233-81-2; 978-981-3233-80-5	2018			

J	Naik, NS; Sherugar, P; Vishnumurthy, KA; Arthanareeswaran, G; Das, DB; Padaki, M		Naik, Nagaraj S.; Sherugar, Prajwal; Vishnumurthy, K. A.; Arthanareeswaran, G.; Das, Diganta B.; Padaki, Mahesh	Polycarbene-bearing membrane surface containing silver species for size and charge selective molecular separation	ENVIRONMENTAL SCIENCE-WATER RESEARCH & TECHNOLOGY	Article			The separation of narrow-sized molecules through membrane technology is a very tedious task. However, a highly selective molecular separation process can be achieved from hydrophilic membranes with well-defined pores. Herein, we report a blend membrane surface modified with polycarbene stabilized silver	[Naik, Nagaraj S.; Sherugar, Prajwal; Padaki, Mahesh] Jain Univ, Ctr Nano & Mat Sci, Jain Global Campus, Bangalore 562112, Karnataka, India; [Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bengaluru 560059, Karnataka, India; [Arthanareeswaran, G.] Natl Inst Technol, Dept Chem Engn, Membrane Res Lab, Tiruchirappalli 620015	Jain University; R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Tiruchirappalli	0	ROYAL SOC CHEMISTRY	2053-1400		2022	8	10	http://dx.doi.org/10.1039/d2ew00400c

J	Koppal, VV; Melavanki, RM; Kusanur, RA; Patil, NR		Koppal, V. V.; Melavanki, R. M.; Kusanur, R. A.; Patil, N. R.	Bimolecular fluorescence quenching reactions of the biologically active coumarin composite 2-acetyl-3H-benzo[f]chromen-3-one in different solvents	LUMINESCENCE	Article			A study on fluorescence quenching was carried out for the coumarin derivative 2-acetyl-3H-benzo[f]chromen-3-one (2AHBC) with aniline at room temperature. Efficient fluorescence quenching was observed and Stern-Volmer (S-V) plots showed upward curves from linearity in all solvents of different polarities. For the solute 2AHBC, ground state	[Koppal, V. V.; Patil, N. R.] BVB Coll Engn & Technol, Dept Phys, Hubli 580031, Karnataka, India; [Melavanki, R. M.] MS Ramaiah Inst Technol, Dept Phys, Bangalore, Karnataka, India; [Kusanur, R. A.] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering	16	WILEY	1522-7235		2018	33	6	http://dx.doi.org/10.1002/bio.3502

C	Shetty, MK; Karthik, KV; Patil, JH; Shekhar, SM		Shetty, Mahesh Kumar; Karthik, K., V; Patil, Jagadish H.; Shekhar, S. Murthy	Equilibrium removal, isotherm and kinetic studies of chromium (VI) adsorption onto biopolymers from aqueous solution: A comparative study	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	Web International Conference on Accelerating Innovations in Material Science (AIMS)	AUG 04-07, 2020	In the present study biopolymers were used as adsorbents to treat Cr (VI) ions from the aqueous solutions. Chitin prepared using sea shells (CS) and commercially available chitin (CC) was used for the adsorption studies on Chromium VI removal from the synthetic waste water. Chitin was extracted from sea shells by	[Shetty, Mahesh Kumar; Karthik, K., V] DSCE, Dept Chem Engn, Bengaluru 560078, India; [Patil, Jagadish H.] RVCE, Dept Chem Engn, Bengaluru 560059, India; [Shekhar, S. Murthy] SIT, Dept Chem Engn, Tumakuru 572103, India	Dayananda Sagar College of Engineering; R.V. College of Engineering; Siddaganga Institute of Technology	6	ELSEVIER	2214-7853		2022	49		http://dx.doi.org/10.1016/j.matpr.2021.06.199

C	Nagesha, BK; Kumar, SA; Vinodh, K; Pathania, A; Barad, S		Nagesha, B. K.; Kumar, S. Anand; Vinodh, K.; Pathania, Akshay; Barad, Sanjay	A thermo ? Mechanical modelling approach on the residual stress prediction of SLM processed HPNGV aeroengine part	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Advances in Materials Processing and Manufacturing Applications (ICADMA)	NOV 05-06, 2020	In the present study, selective laser melting (SLM) is used to fabricate the Inconel 718 high-pressure nozzle guide vane (HPNGV), an aero-engine part. Inconel 718 is widely used in aero-engine components due to its inherent characteristics at elevated temperature. The aim of the study is to investigate the residual stresses	[Nagesha, B. K.; Barad, Sanjay] Gas Turbine Res Estab, MERE Div, Bangalore 560093, Karnataka, India; [Kumar, S. Anand; Pathania, Akshay] Indian Inst Technol Jammu, Dept Mech Engn, Jammu 181221, India; [Vinodh, K.] RV Engn Coll, Dept Mech Engn, Bangalore 560059, Karnataka, India	Defence Research & Development Organisation (DRDO); Gas Turbine Research Establishment (GTRE); Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) Jammu; R.V. College of Enginee	13	ELSEVIER	2214-7853		2021	44		http://dx.doi.org/10.1016/j.matpr.2020.12.940

J	Kavitha, J; Rajalakshmi, M; Phani, AR; Padaki, M		Kavitha, J.; Rajalakshmi, M.; Phani, A. R.; Padaki, Mahesh	Pretreatment processes for seawater reverse osmosis desalination systems-A review	JOURNAL OF WATER PROCESS ENGINEERING	Review			An efficient pretreatment system forms the backbone of a sea water desalination unit using reverse osmosis process. The pretreatment of sea water is done to bring down the turbidity, microorganisms, colloidal contaminants, total dissolved solids and silt density index of the raw sea water to acceptable levels and make it	[Kavitha, J.; Rajalakshmi, M.] RV Coll Engn, Dept Chem Engn, Bengaluru, Karnataka, India; [Phani, A. R.] INM Technol, Mysuru Rd, Bengaluru, Karnataka, India; [Padaki, Mahesh] Jain Univ, Ctr Nano & Mat Sci, Jain Global Campus, Bengaluru, Karnataka, India; [Padaki, Mahesh] Natl Univ Sci & Technol MISIS, Moscow	R.V. College of Engineering; Jain University; National University of Science & Technology (MISIS)	79	ELSEVIER	2214-7144		2019	32		http://dx.doi.org/10.1016/j.jwpe.2019.100926

J	Koppal, VV; Melavanki, RM; Kusanur, RA; Patil, NR		Koppal, V. V.; Melavanki, R. M.; Kusanur, R. A.; Patil, N. R.	Understanding fluorescence resonance energy transfer between biologically active coumarin derivative and silver nanoparticles using steady state and time resolved spectroscopic methods	JOURNAL OF MOLECULAR LIQUIDS	Article			This work confines the study of fluorescence resonance energy transfer (FRET) of biologically active fluorescent probe 3ADHC to silver nanoparticles (AgNPs) at room temperature. Steady state and transient state spectroscopic measurements have been employed to get the insight on fluorescence quenching mechanism. Stern-	[Koppal, V. V.; Patil, N. R.] BVB Coll Engn & Technol, Dept Phys, Hubli 580031, Karnataka, India; [Melavanki, R. M.] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanur, R. A.] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering	12	ELSEVIER SCIENCE BV	0167-7322		2018	269		http://dx.doi.org/10.1016/j.molliq.2018.08.077

J	Bhavyashree, M; Rondiya, SR; Hareesh, K		Bhavyashree, M.; Rondiya, Sachin R.; Hareesh, K.	Exploring the emerging applications of the advanced 2-dimensional material borophene with its unique properties	RSC ADVANCES	Review			Borophene, a crystalline allotrope of monolayer boron, with a combination of triangular lattice and hexagonal holes, has stimulated wide interest in 2-dimensional materials and their applications. Although their properties are theoretically confirmed, they are yet to be explored and confirmed experimentally. In this review article, we	[Bhavyashree, M.; Hareesh, K.] REVA Univ, Sch Appl Sci Phys, Bengaluru 560064, India; [Rondiya, Sachin R.] Cardiff Univ, Sch Chem, Cardiff CF10 3AT, Wales; [Bhavyashree, M.; Hareesh, K.] RV Coll Engn, Dept Phys, Bengaluru 560059, India; [Bhavyashree, M.; Hareesh, K.] RV Coll Engn, Interdisciplinary Res	REVA University; Cardiff University; R.V. College of Engineering; R.V. College of Engineering	17	ROYAL SOC CHEMISTRY			2022	12	19	http://dx.doi.org/10.1039/d2ra00677d

J	Skariyachan, S; Gopal, D; Chakrabarti, S; Kempanna, P; Uttarkar, A; Muddebihalkar, AG; Niranjan, V		Skariyachan, Sinosh; Gopal, Dharshini; Chakrabarti, Shweta; Kempanna, Priya; Uttarkar, Akshay; Muddebihalkar, Aditi G.; Niranjan, Vidya	Structural and molecular basis of the interaction mechanism of selected drugs towards multiple targets of SARS-CoV-2 by molecular docking and dynamic simulation studies-deciphering the scope of repurposed drugs	COMPUTERS IN BIOLOGY AND MEDICINE	Article			The repurposing of FDA approved drugs is presently receiving attention for COVID-19 drug discovery. Previous studies revealed the binding potential of several FDA-approved drugs towards specific targets of SARS-CoV-2; however, limited studies are focused on the structural and molecular basis of interaction	[Skariyachan, Sinosh] St Pius X Coll Rajapuram, Dept Microbiol, Kasaragod, Kerala, India; [Gopal, Dharshini; Chakrabarti, Shweta] Manipal Acad Higher Educ, Dept Bioinformat, Manipal, Karnataka, India; [Kempanna, Priya] Dayananda Sagar Coll Engn, Dept Biotechnol, Bangalore, Karnataka, India; [Uttarkar, Akshay; Muddebihal	Manipal Academy of Higher Education (MAHE); Dayananda Sagar College of Engineering; R.V. College of Engineering	22	PERGAMON-ELSEVIER SCIENCE LTD	0010-4825		2020	126		http://dx.doi.org/10.1016/j.compbiomed.2020.104054

J	Swathantraiah, JG; Srinivasa, SM; Motatis, AKB; Uttarkar, A; Bettaswamygowda, S; Thimmaiah, SB; Niranjan, V; Rangappa, S; Subbegowda, RK; Ramegowda, TN		Swathantraiah, Jagadeesha Gullahalli; Srinivasa, Sudhanva Muddenahalli; Motatis, Anil Kumar Belagal; Uttarkar, Akshay; Bettaswamygowda, Shwetha; Thimmaiah, Sridhar Bilgumba; Niranjan, Vidya; Rangappa, Shobith; Subbegowda, Rangappa Kanchugarakoppal; Ramegowda, Thimmeg	Novel 1,2,5-Trisubstituted Benzimidazoles Potentiate Apoptosis by Mitochondrial Dysfunction in Panel of Cancer Cells	ACS OMEGA	Article			Synthetic small molecules have been very effective in decimating cancer cells by targeting various aberrantly overexpressed oncogenic proteins. These small molecules target proteins involved in cell cycle regulation, cell division, migration, invasion, angiogenesis, and other regulatory proteins to induce apoptosis in cancer cells. In this	[Swathantraiah, Jagadeesha Gullahalli; Ramegowda, Thimmegowda Naraganahalli] Visvesvaraya Technol Univ, Govt SKSJ Technol Inst, Bangalore 560001, India; [Srinivasa, Sudhanva Muddenahalli; Motatis, Anil Kumar Belagal; Rangappa, Shobith] Adichunchanagiri Univ, Adichunchanagiri Inst Mol Med, Adichunchanagiri Inst	Visvesvaraya Technological University; R.V. College of Engineering; Visvesvaraya Technological University; University of Mysore	4	AMER CHEMICAL SOC	2470-1343		2022	7	50	http://dx.doi.org/10.1021/acsomega.2c06057

J	Kumar, DLK; Nagaraja, HG; Manjulamma, U; Shashidhar, S		Kumar, D. L. Kiran; Nagaraja, H. G.; Manjulamma, Uppara; Shashidhar, Savithri	Study on Kenmotsu manifolds admitting generalized Tanaka-Webster connection	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	Article			In this study, we use the generalized Tanaka-Webster connection to observe curvature properties and Ricci soliton in Kenmotsu manifold. Here we look at projective curvature tensor, conharmonic curvature tensor, Weyl projective curvature tensor and recurrent conditions of Kenmotsu manifold with generalized Tanaka-	[Kumar, D. L. Kiran; Shashidhar, Savithri] RV Coll Engn, Dept Math, Bengaluru 560059, India; [Nagaraja, H. G.] Bangalore Univ, Dept Math, Bengaluru 560056, India; [Manjulamma, Uppara] Nitte Meenakshi Inst Technol, Dept Math, Bengaluru 560064, India	R.V. College of Engineering; Bangalore University; Nitte Meenakshi Institute of Technology	0	FORUM EDITRICE UNIVUDINESE	1126-8042		2022		47	

J	Sakkara, S; Nataraj, D; Venkatesh, K; Xu, YX; Patil, JH; Reddy, N		Sakkara, Seema; Nataraj, Divya; Venkatesh, Krishna; Xu, Yixiang; Patil, Jagadish H.; Reddy, Narendra	Effect of pH on the physicochemical properties of starch films	JOURNAL OF APPLIED POLYMER SCIENCE	Article			We demonstrate a simple approach of using highly alkaline starch solutions to obtain films with high flexibility and improved water resistance. Extensive studies have been done to develop films from starch, primarily for food applications. However, films developed from starch are brittle and generally chemical	[Sakkara, Seema; Nataraj, Divya; Venkatesh, Krishna; Reddy, Narendra] Jyothy Inst Technol, Ctr Incubat Innovat Res & Consultancy, Bengaluru 560082, India; [Sakkara, Seema; Nataraj, Divya] Visvesvaraya Technol Univ, Res Resource Ctr, Belgavi 590018, Karnataka, India; [Xu, Yixiang] Virginia State Univ, Agr Res Stn	Visvesvaraya Technological University; Virginia State University; R.V. College of Engineering	19	WILEY	0021-8995		2020	137	15	http://dx.doi.org/10.1002/app.48563

J	Radhakrishna,; Venkatesh, SV; Prasad, KNN		Radhakrishna; Venkatesh, S. V.; Prasad, K. N. Narasimha	Evaluation of Microfine Stone Dust as Filler Material in Binary and Ternary Blends	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING	Article			Most of the supplementary cementitious materials are derived from waste from different industries with varying properties. It is necessary to know the performance of these materials in cement composites. In this investigation, the effect of water-to-binder ratio and grade of concrete on the properties of the concrete containing stone dust	[Radhakrishna] RV Coll Engn, Dept Civil Engn, Bangalore, Karnataka, India; [Radhakrishna] Visveswaraya Technol Univ, Belgaum, Karnataka, India; [Venkatesh, S. V.] PES Inst Technol, Dept Civil Engn, Bangalore, Karnataka, India; [Prasad, K. N. Narasimha] NICMAR, Ponda, Goa, India; [Prasad, K. N. Narasimha]	R.V. College of Engineering; Visvesvaraya Technological University; PES University; R.V. College of Engineering	0	SPRINGER INTERNATIONAL PUBLISHING AG	2228-6160		2019	43	1	http://dx.doi.org/10.1007/s40996-018-0120-5

J	Sridevi, K; Reddy, PSK; Nagaraja, KM		Sridevi, K.; Reddy, P. Siva Kota; Nagaraja, K. M.	Relative study on means in linear path and two positive arguments in a curved path	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	Article			Inspired by the Ky Fan type inequalities established for a symmetric triangular wave form over the interval [0, 1], a similar symmetric function is introduced over [0, 1]. A relative study of arithmetic, geometric and power means between symmetric linear path and this curved path is carried out. Also some important inequality chains among	[Sridevi, K.] RV Coll Engn, Dept Math, Bangalore 560059, Karnataka, India; [Reddy, P. Siva Kota] JSS Sci & Technol Univ, Sri Jayachamarajendra Coll Engn, Dept Math, Mysuru 570006, Karnataka, India; [Nagaraja, K. M.] JSS Acad Tech Educ, Dept Math, Bangalore 560060, Karnataka, India	R.V. College of Engineering; JSS Science & Technology University; Sri Jayachamarajendra College of Engineering	0	FORUM EDITRICE UNIVUDINESE	1126-8042		2021		46	

J	Frasin, BA; Sailaja, Y; Swamy, SR; Wanas, AK		Frasin, Basem A.; Sailaja, Yerragunta; Swamy, Sondekola R.; Wanas, Abbas K.	Coefficients bounds for a family of bi-univalent functions defined by Horadam polynomials	ACTA ET COMMENTATIONES UNIVERSITATIS TARTUENSIS DE MATHEMATICA	Article			In the present paper, we determine upper bounds for the first two Taylor-Maclaurin coefficients vertical bar a(2)vertical bar and vertical bar a(3)vertical bar for a certain family of holomorphic and bi-univalent functions defined by using the Horadam polynomials. Also, we solve Fekete-Szego problem of functions belonging to this	[Frasin, Basem A.] Al Al Bayt Univ, Dept Math, Fac Sci, Mafraq, Jordan; [Sailaja, Yerragunta] RV Coll Engn, Dept Math, Bengaluru 560059, Karnataka, India; [Swamy, Sondekola R.] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Wanas, Abbas K.] Univ Al Qadisiyah, Dept Math, Coll Sci, Al Diwaniyah	Al al-Bayt University; R.V. College of Engineering; R.V. College of Engineering; University of Al-Qadisiyah	0	UNIV TARTU PRESS	1406-2283		2022	26	1	http://dx.doi.org/10.12697/ACUTM.2022.26.02

J	Prema, V; Bhaskar, MS; Almakhles, D; Gowtham, N; Rao, KU		Prema, V.; Bhaskar, M. S.; Almakhles, Dhafer; Gowtham, N.; Rao, K. Uma	Critical Review of Data, Models and Performance Metrics for Wind and Solar Power Forecast	IEEE ACCESS	Review			Global climatic changes and increased carbon footprints provided the main impetus for the decrease in the use of fossil fuels for electricity generation and transportation. Matured manufacturing technologies of solar PV panels and on-shore and off-shore windmills have brought down the cost of generation	[Prema, V.] BMS Coll Engn, Dept Elect & Elect Engn, Bengaluru 560059, India; [Bhaskar, M. S.; Almakhles, Dhafer] Prince Sultan Univ, Dept Elect Engn, Coll Engn, Renewable Energy Lab, Riyadh 11586, Saudi Arabia; [Gowtham, N.] Vidyavardhaka Coll Engn, Dept Elect & Elect Engn, Mysuru 570002, India; [Rao	BMS College of Engineering; Prince Sultan University; Vidyavardhaka College of Engineering; R.V. College of Engineering	21	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	2169-3536		2022	10		http://dx.doi.org/10.1109/ACCESS.2021.3137419

J	Yerima, SY; Alzaylaee, MK; Shajan, A; Vinod, P		Yerima, Suleiman Y.; Alzaylaee, Mohammed K.; Shajan, Annette; Vinod, P.	Deep Learning Techniques for Android Botnet Detection	ELECTRONICS	Article			Android is increasingly being targeted by malware since it has become the most popular mobile operating system worldwide. Evasive malware families, such as Chamois, designed to turn Android devices into bots that form part of a larger botnet are becoming prevalent. This calls for more effective methods for detection of Android	[Yerima, Suleiman Y.] De Montfort Univ, Cyber Technol Inst, Leicester LE1 9BH, Leics, England; [Alzaylaee, Mohammed K.] Umm Al Qura Univ, Coll Comp Al Qunfudhah, Mecca 21955, Saudi Arabia; [Shajan, Annette] RV Coll Engn, Bengaluru 560059, India; [Vinod, P.] Cochin Univ Sci & Technol	De Montfort University; Umm Al Qura University; R.V. College of Engineering; Cochin University Science & Technology	18	MDPI			2021	10	4	http://dx.doi.org/10.3390/electronics10040519

J	Vishnumurthy, KA; Pramodini, S; Poornesh, P; Nagaraja, KK; Ahipa, TN		Vishnumurthy, K. A.; Pramodini, S.; Poornesh, P.; Nagaraja, K. K.; Ahipa, T. N.	Design and synthesis of polyindole-ZnO nano composite for NLO applications	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	Article			Present paper mainly focuses on the synthesis, characterization polyindole-ZnO nano composites for third order nonlinear optical applications. Polyindole was synthesized through oxidative polymerization technique and its composites were prepared with different ZnO concentration. Structural	[Vishnumurthy, K. A.] RV Coll Engn, Dept Chem, Bengaluru, India; [Pramodini, S.] Reva Univ, Dept Phys, Bengaluru 560064, India; [Poornesh, P.; Nagaraja, K. K.] Manipal Acad Higher Educ, Manipal Inst Technol, Dept Phys, Manipal 576104, India; [Ahipa, T. N.] Jain Univ, Ctr Nano & Mat Sci	R.V. College of Engineering; REVA University; Manipal Academy of Higher Education (MAHE); Jain University	0	ELSEVIER	0019-4522		2023	100	1	http://dx.doi.org/10.1016/j.jics.2022.100827

C	Koppal, VV; Patil, PG; Melavanki, R; Kusanur, R; Patil, NR		Koppal, Varsha V.; Patil, P. G.; Melavanki, Raveendra; Kusanur, Raviraj; Patil, N. R.	Solvent Effect on the Relative Quantum Yield and Preferential Solvation of Biologically Active Coumarin Derivative	MACROMOLECULAR SYMPOSIA	Proceedings Paper	3rd International Conference on Advances in Materials Science (ICAMS)	DEC 27-29, 2018	This paper aims at studying the relative quantum yield and preferential solvation of biologically active coumarin derivative ethyl 8-methoxy-2-oxo-2H-chromene-3-carboxylate (8EMOHCC) in different solvents and solvent mixture acetonitrile and dioxane (ACN + DXN). It is observed that the quantum yield of the title molecule increases	[Koppal, Varsha V.; Patil, N. R.] BVB Coll Engn & Technol, Dept Phys, Hubli 580031, Karnataka, India; [Patil, P. G.] PC Jabin Sci Coll, Dept Phys, Hubli 580031, Karnataka, India; [Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanur, Raviraj] Rashtreeya Vidyalaya	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering	2	WILEY-V C H VERLAG GMBH	1022-1360		2019	387	1	http://dx.doi.org/10.1002/masy.201800210

C	Ramesh, S; Ashok, SD; Nagaraj, S; Adithyakumar, CR; Reddy, MLK; Naulakha, NK	Rao, CSP; Basavarajappa, S	Ramesh, S.; Ashok, S. Denis; Nagaraj, Shanmukha; Adithyakumar, C. R.; Reddy, M. Lohith Kumar; Naulakha, Niranjan Kumar	Design of An Energy Efficient Hydraulic Regenerative circuit	INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS AND MANUFACTURING APPLICATIONS (ICONAMMA-2017)	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 17-19, 2017	Increasing cost and power demand, leads to evaluation of new method to increase through productivity and help to solve the power demands. Many researchers have break through to increase the efficiency of a hydraulic power pack, one of the promising methods is the concept of regenerative. The objective of this research	[Ramesh, S.; Adithyakumar, C. R.; Reddy, M. Lohith Kumar; Naulakha, Niranjan Kumar] Jain Univ, SET, Dept Mech Engn, Bengaluru, India; [Ashok, S. Denis] VIT Univ, Dept Design & Automat, SMEC, Vellore, Tamil Nadu, India; [Nagaraj, Shanmukha] RV Coll Engn, Dept Mech Engn, Bengaluru, India	Jain University; Vellore Institute of Technology (VIT); VIT Vellore; R.V. College of Engineering	1	IOP PUBLISHING LTD	1757-8981		2018	310		http://dx.doi.org/10.1088/1757-899X/310/1/012042

C	Ramesh, S; Ashok, SD; Nagaraj, S; Reddy, MLK; Naulakha, NK; Adithyakumar, CR	Rao, CSP; Basavarajappa, S	Ramesh, S.; Ashok, S. Denis; Nagaraj, Shanmukha; Reddy, M. Lohith Kumar; Naulakha, Niranjan Kumar; Adithyakumar, C. R.	Energy conservation strategy in Hydraulic Power Packs using Variable Frequency Drive IOP Conference Series: Materials Science and Engineering	INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS AND MANUFACTURING APPLICATIONS (ICONAMMA-2017)	Proceedings Paper	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA)	AUG 17-19, 2017	At present, energy consumption is to such an extent that if the same trend goes on then in the future at some point of time, the energy sources will all be exploited. Energy conservation in a hydraulic power pack refers to the reduction in the energy consumed by the power pack. Many experiments have been conducted to reduce the energy consumptio	[Ramesh, S.; Reddy, M. Lohith Kumar; Naulakha, Niranjan Kumar; Adithyakumar, C. R.] Jain Univ, SET, Dept Mech Engn, Bengaluru, India; [Ashok, S. Denis] VIT Univ, Dept Design & Automat, SMEC, Vellore, Tamil Nadu, India; [Nagaraj, Shanmukha] RV Coll Engn, Dept Mech Engn, Bengaluru, India	Jain University; Vellore Institute of Technology (VIT); VIT Vellore; R.V. College of Engineering	1	IOP PUBLISHING LTD	1757-8981		2018	310		http://dx.doi.org/10.1088/1757-899X/310/1/012041

J	Koppal, VV; Melavanki, R; Kusanur, R; Bagewadi, ZK; Yaraguppi, DA; Deshpande, SH; Patil, NR		Koppal, Varsha V.; Melavanki, Raveendra; Kusanur, Raviraj; Bagewadi, Zabin K.; Yaraguppi, Deepak A.; Deshpande, Sanjay H.; Patil, Ninganagouda R.	Investigation of the Fluorescence Turn-off Mechanism, Genome, Molecular Docking In Silico and In Vitro Studies of 2-Acetyl-3H-benzo[f]chromen-3-one	ACS OMEGA	Article			The present study harnesses fluorescence quenching between a nonfluorescent aniline and fluorophore 2-acetyl-3H-benzo[f]chromen-3-one [2AHBC] in binary solvent mixtures of acetonitrile and 1,4-dioxane at room temperature and explores the fluorophore as an antimicrobial material. Our findings throw light on the key performance	[Koppal, Varsha V.; Bagewadi, Zabin K.; Yaraguppi, Deepak A.; Deshpande, Sanjay H.] KLE Technol Univ, Dept Biotechnol, Hubli 580031, Karnataka, India; [Melavanki, Raveendra] M S Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore 560059	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering; KLE Technological University	4	AMER CHEMICAL SOC	2470-1343		2022	7	27	http://dx.doi.org/10.1021/acsomega.2c02424

C	Siddeswara, DMK; Mahesh, KRV; Mylarappa, M; Nagaswarupa, HP; Kumara, KNS; Raghavendra, N; Prashanth, SC		Siddeswara, D. M. K.; Mahesh, K. R. Vishnu; Mylarappa, M.; Nagaswarupa, H. P.; Kumara, K. N. Shravana; Raghavendra, N.; Prashanth, S. C.	Electrochemical Enhancement of Nickel oxide Dispersed Graphene Sheets as Electrode Material for Energy Storage Application	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conferance on Advances in Science and Enginerring (ICASE)	JAN 19-22, 2017	In present work, graphene was doped with nickel oxide to improve theperformance of electrochemical applications. Initially reduced graphene oxide (rGO) was synthesised by modified Hummer's method by using Graphite as a precursor material, as synthesised rGO is used to prepare rGO/NiO nanocomposite in one step. Then the synthesised	[Siddeswara, D. M. K.] Bharathiar Univ, Res & Dev Ctr, Coimbatore 641046, Tamil Nadu, India; [Siddeswara, D. M. K.] Jyothi Inst Technol, Dept Chem, Bengaluru 560082, Karnataka, India; [Mahesh, K. R. Vishnu] Natl Assessment & Accreditat Council, Bangalore 560072, Karnataka, India; [Mylarappa, M.] AMC Engn Coll	Bharathiar University; National Assessment & Accreditation Council (NAAC); R.V. College of Engineering	0	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.628

J	Wani, TP; Raja, R; Sampathkumaran, P; Seetharamu, S; Bhattacharya, RRNS; Deshpande, S		Wani, Trupti P.; Raja, R.; Sampathkumaran, P.; Seetharamu, S.; Bhattacharya, R. R. N. Sailaja; Deshpande, Shridhar	Tribological behaviour of silk fibre reinforced HDPE nano composite	TRIBOLOGY-MATERIALS SURFACES & INTERFACES	Review			The present study explores the possibilities of reinforcing High-Density Poly Ethylene (HDPE) + Nano-Clay (NC) composite with locally available inexpensive plane woven bi-directional Silk Fibre (SF) fabric for developing a new tribo material. HDPE, NC & SF were incorporated into produce hybrid laminated composites	[Wani, Trupti P.] Oxford Coll Engn, Dept Mech Engn, Bengaluru, India; [Raja, R.] MS Ramaiah Univ Appl Sci, Dept Automot & Aeronaut Engn, Bengaluru, India; [Sampathkumaran, P.] Sabhram Inst Technol, Dept Mech Engn, Bengaluru, India; [Seetharamu, S.] RV Coll Engn, Dept Mech Engn, Bengaluru, India;	Oxford College of Engineering Bengaluru; M. S. Ramaiah University of Applied Sciences; R.V. College of Engineering	0	TAYLOR & FRANCIS LTD	1751-5831		2022	16	3	http://dx.doi.org/10.1080/17515831.2021.2023289

J	Vanitha, PA; Vijayaraghavareddy, P; Uttarkar, A; Dawane, A; Sujitha, D; Ashwin, ; Babitha, KC; Niranjan, V; Sheshshayee, MS; Anuradha, C; Makarla, U; Vemanna, RS		Vanitha, P. A.; Vijayaraghavareddy, Preethi; Uttarkar, Akshay; Dawane, Akashata; Sujitha, D.; Ashwin, V; Babitha, K. C.; Niranjan, Vidya; Sheshshayee, M. S.; Anuradha, C., V; Makarla, Udayakumar; Vemanna, Ramu S.	Novel small molecules targeting bZIP23 TF improve stomatal conductance and photosynthesis under mild drought stress by regulating ABA	FEBS JOURNAL	Article			Drought-induced abscisic acid (ABA) accumulation plays a key role in plant water relations by regulating stomatal movements. Although ABA helps in the survival of the plants, reduced carbon gain affects plant productivity. To improve crop productivity under mild drought stress conditions, it is necessary to manipulate ABA	[Vanitha, P. A.; Vijayaraghavareddy, Preethi; Sujitha, D.; Ashwin, V; Sheshshayee, M. S.; Makarla, Udayakumar] Univ Agr Sci, Dept Crop Physiol, GKVK, Bengaluru, India; [Vanitha, P. A.; Anuradha, C., V] Annamalai Univ, Dept Biochem & Biotechnol, Chidambaram, Tamil Nadu, India; [Uttarkar, Akshay; Niranjan, Vidya] R.V.	University of Agricultural Sciences Bangalore; Annamalai University; R.V. College of Engineering; Department of Biotechnology (DBT) India; Regional Centre for Biotechnology	13	WILEY	1742-464X		2022	289	19	http://dx.doi.org/10.1111/febs.16461

J	Jayaseelan, SM; Gopal, ST; Muthu, S; Selvaraju, S; Patel, MS		Jayaseelan, Samuel Manoharan; Gopal, Sakthivel Thirumalai; Muthu, Sangeetha; Selvaraju, Sivamani; Patel, Md Saad	A Hybrid Fuzzy based Cross Neighbor Filtering (HF-CNF) for Image Enhancement of fine and coarse powder Scanned Electron Microscopy (SEM) images	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	Article			Image enhancement is one of the most critical stages towards any image processing application. The outcome of image enhancement determines the accuracy and precise nature of the overall output from the image processing under interest. This research paper has shown specific interests towards enhancemen	[Jayaseelan, Samuel Manoharan] Sir Isaac Newton Coll Engn & Technol, Dept ECE, Nagapattinam, Tamil Nadu, India; [Gopal, Sakthivel Thirumalai] SIMATS, Inst Mech Engn, Saveetha Sch Engn, Chennai, Tamil Nadu, India; [Muthu, Sangeetha] REVA Univ, Sch Comp & Informat Technol, Bangalore, Karnataka, India;	Saveetha Institute of Medical & Technical Science; Saveetha School of Engineering; REVA University; R.V. College of Engineering	0	IOS PRESS	1064-1246		2022	42	6	http://dx.doi.org/10.3233/JIFS-212561

J	Gurunandan, M; Raghavendra, T		Gurunandan, M.; Raghavendra, T.	Novel NSM configuration for RC column strengthening-A numerical study	COMPUTERS AND CONCRETE	Article			Retrofitting of structures has gained importance over the recent years. Particularly, Reinforced Cement Concrete (RCC) column strengthening has become a challenge to the structural engineers, owing to the risks and complexities involved in it. There are several methods of RCC column strengthening viz. RCC jacketing	[Gurunandan, M.] Indian Inst Technol, Dept Civil Engn, Mumbai 400076, Maharashtra, India; [Raghavendra, T.] Visvesvaraya Technol Univ, RV Coll Engn, Dept Civil Engn, Bengaluru 560059, Karnataka, India	Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Bombay; Visvesvaraya Technological University; R.V. College of Engineering	2	TECHNO-PRESS	1598-8198		2021	27	5	http://dx.doi.org/10.12989/cac.2021.27.5.437

J	Pramod, T; Sampathkumaran, P; Puneeth, N; Sailaja, RRN; Seetharamu, S; Swamy, AS; Kishore		Pramod, T.; Sampathkumaran, P.; Puneeth, N.; Sailaja, R. R. N.; Seetharamu, S.; Swamy, A. Sathyanarayana; Kishore	Tribological response of polycarbonate and acrylonitrile butadiene styrene blends containing fixed amounts of Kevlar fibre and molybdenum disulphide with varying quantities of betel nut powder	POLYMERS & POLYMER COMPOSITES	Article			In this study, the composites with incorporation betel nut powder at three levels (10, 18 and 25%) in Polycarbonate (PC) and Acrylonitrile Butadiene Styrene (ABS) matrices having Kevlar Fibres (KF) and Molybdenum Disulphide (MoS2) nano particles in fixed amounts are looked into for their tribological characteristics. The	[Pramod, T.; Sailaja, R. R. N.; Swamy, A. Sathyanarayana] SRC, Energy & Resources Inst, Bengaluru, Karnataka, India; [Sampathkumaran, P.] Sambhram Inst Technol, Dept Mech Engn, Bengaluru, Karnataka, India; [Puneeth, N.] SJB Inst Technol, Dept Mech Engn, Bengaluru, Karnataka, India; [Seetharamu, S.] RV Coll Engn	SJB Institute of Technology; R.V. College of Engineering; Indian Institute of Science (IISC) - Bangalore	2	SAGE PUBLICATIONS LTD	0967-3911		2021	29	9_SUPPL	http://dx.doi.org/10.1177/09673911219898823

C	Kumara, KNS; Nagaswarupa, HP; Mylarappa, M; Siddeswara, DMK; Mahesh, KRV; Raghavendra, N		Kumara, K. N. Shravana; Nagaswarupa, H. P.; Mylarappa, M.; Siddeswara, D. M. K.; Mahesh, K. R. Vishnu; Raghavendra, N.	Fabrication and Hierarchical Structure of ZnO Nano Particle Using Green Fuels: Cyclic Voltammetry and Impedance Analysis	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conferance on Advances in Science and Enginerring (ICASE)	JAN 19-22, 2017	The main objective of the paper is mainly focused on the synthesis of ZnO nano particle by low temperature solution combustion method by using Vetiver, Palma Rosa and Urea used as a fuel. The synthesized nano particles were characterized by using different techniques such as the phase compositions of the synthesized nano	[Kumara, K. N. Shravana] Bharathiar Univ, Res & Dev Ctr, Coimbatore 641046, Tamil Nadu, India; [Kumara, K. N. Shravana; Nagaswarupa, H. P.] East West Inst Technol, Dept Sci, Res Ctr, Bengaluru 560091, Karnataka, India; [Mylarappa, M.] AMC Engn Coll, Dept Chem, Res Ctr, Bannerghatta Rd, Bengaluru 560083	Bharathiar University; National Assessment & Accreditation Council (NAAC); R.V. College of Engineering	0	ELSEVIER SCIENCE BV	2214-7853		2018	5	10	

C	Lokeshwari, M; Mendi, V; Reddy, NA	Suh, KD; Cruz, EC; Tajima, Y	Lokeshwari, M.; Mendi, Vikas; Reddy, N. Amarnatha	Peak Flood Estimation Along Southern Coast: Kerala, India	ASIAN AND PACIFIC COASTS 2017: PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON APAC 2017	Proceedings Paper	9th International Conference on Asian and Pacific Coasts (APAC)	OCT 19-21, 2017	India being an agricultural based country depends mainly on rain water and river for the purpose of irrigation and other domestic uses. Due to deforestation and urbanization, large area of unpaved surface is converted into paved surface, which prevents percolation of rainwater into ground. As a result, surface runoff and	[Lokeshwari, M.] VTU, RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India; [Mendi, Vikas; Reddy, N. Amarnatha] Natl Inst Technol Karnataka, Dept Appl Mech & Hydraul, Surathkal 575025, Karnataka, India; [Mendi, Vikas] RV Coll Engn, Bengaluru 560059, Karnataka, India; [Reddy, N. Amarnatha] Madanapalle Inst Technol &	R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Karnataka; R.V. College of Engineering; Madanapalle Institute of Technology & Science	1	WORLD SCIENTIFIC PUBL CO PTE LTD		978-981-3233-81-2; 978-981-3233-80-5	2018			

C	Raghavendra, N; Murthy, HNN; Mahesh, KRV; Mylarappa, M; Siddeswara, DMK; Krishna, M		Raghavendra, N.; Murthy, H. N. Narasimha; Mahesh, K. R. Vishnu; Mylarappa, M.; Siddeswara, D. M. K.; Krishna, M.	Influence of Nanoclays to the Matrix of Vinylester/Glass Composites on their Fire Behavior Properties	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conferance on Advances in Science and Enginerring (ICASE)	JAN 19-22, 2017	This paper presents the influence of dispersing Cloisite-Na and Cloisite-15A Nanoclays in vinylester/glass on their fire retardation behaviour. Cloisite-Na and Cloisite-15A in 1 to 5 wt % was dispersed in vinylester using the combination of ultrasonication and twin screw extrusion. Nanoclay/vinylester/glass specimens were fabricated	[Raghavendra, N.] CMRTU, RV Coll Campus, Bengaluru 560059, Karnataka, India; [Murthy, H. N. Narasimha; Krishna, M.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, Karnataka, India; [Mahesh, K. R. Vishnu] Natl Assessment & Accreditat Council, Bangalore 560072, Karnataka, India; [Mylarappa	R.V. College of Engineering; R.V. College of Engineering; National Assessment & Accreditation Council (NAAC); Tumkur University	2	ELSEVIER	2214-7853		2018	5	10	http://dx.doi.org/10.1016/j.matpr.2018.06.624

J	Patagar, D; Kusanur, R; Sitwala, ND; Ghate, MD; Saravanakumar, S; Nembenna, S; Gediya, PA		Patagar, Dayanand; Kusanur, Raviraj; Sitwala, Nikum D.; Ghate, Manjunath D.; Saravanakumar, Shanmugasundar; Nembenna, Sharanappa; Gediya, Piyush A.	Synthesis of Novel 4-Substituted Coumarins, Docking Studies, and DHODH Inhibitory Activity	JOURNAL OF HETEROCYCLIC CHEMISTRY	Article			Coumarins are the important class of naturally occurring heterocyclic compounds. Activities like antioxidant, antibacterial, anti-inflammatory, and anticancer have been reported for coumarin derivatives. Present work details the synthesis of substituted coumarin-4-pyrrolones as well as coumarin-4-acetyl amino acids and their DHODH inhibitory	[Patagar, Dayanand; Saravanakumar, Shanmugasundar] Syngene Int Ltd, Bommasandra Indl Area, Bengaluru 560099, India; [Patagar, Dayanand; Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Sitwala, Nikum D.; Ghate, Manjunath D.; Gediya, Piyush A.] Nirma Univ, Inst Pharm, Dept	Syngene International Limited; R.V. College of Engineering; Nirma University; National Institute of Science Education & Research (NISER)	13	WILEY	0022-152X		2019	56	10	http://dx.doi.org/10.1002/jhet.3644

J	Vishnu, CR; Das, SP; Sridharan, R; Kumar, PNR; Narahari, NS		Vishnu, C. R.; Das, Sangeeth P.; Sridharan, R.; Kumar, P. N. Ram; Narahari, N. S.	Development of a reliable and flexible supply chain network design model: a genetic algorithm based approach	INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	Article			Enhancing the proactive strategic capabilities to withstand the most unfavourable circumstances is always appreciated as a long-term policy rather than incident-based responses. The present research is positioned on this fundamental notion of supply chain risk management with a particular focus on strategic capabilities like	[Vishnu, C. R.; Das, Sangeeth P.; Sridharan, R.] Natl Inst Technol Calicut, Dept Mech Engn, NIT Campus PO, Calicut 673601, Kerala, India; [Kumar, P. N. Ram] Indian Inst Management Kozhikode, Quantitat Methods & Operat Management, Calicut, Kerala, India; [Narahari, N. S.] RV Coll Engn, Dept Ind Engn &	National Institute of Technology (NIT System); National Institute of Technology Calicut; Indian Institute of Management (IIM System); Indian Institute of Management Kozhikode; R.V. College of Enginee	14	TAYLOR & FRANCIS LTD	0020-7543		2021	59	20	http://dx.doi.org/10.1080/00207543.2020.1808256

J	Subana, PS; Manjunatha, C; Rao, BM; Venkateswarlu, B; Nagaraju, G; Suresh, R		Subana, P. S.; Manjunatha, C.; Rao, B. Manmadha; Venkateswarlu, B.; Nagaraju, G.; Suresh, R.	Surface functionalized magnetic α-Fe2O3 nanoparticles: Synthesis, characterization and Hg2+ ion removal in water	SURFACES AND INTERFACES	Article			Mercury is a specific concern worldwide because of its high toxicity. Exposure to mercury, even at very low concentrations, induces digestive, brain, kidney, neurological and endocrine system diseases. In this work, Fe2O3 nanoparticles were synthesized via one step solution combustion synthesis using glycine as a fuel. The structural	[Subana, P. S.; Suresh, R.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Subana, P. S.; Manjunatha, C.; Suresh, R.] Visvesvaraya Technol Univ, Belagavi 590018, India; [Rao, B. Manmadha] VIT AP Univ, Dept Phys, Amaravati 522237	R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University; VIT-AP University; Siddaganga Institute of Technology	12	ELSEVIER	2468-0230		2020	21		http://dx.doi.org/10.1016/j.surfin.2020.100680

C	Koppal, VV; Hebsur, RK; Melavanki, RM; Kusanure, R; Patil, NR		Koppal, Varsha V.; Hebsur, Rekha K.; Melavanki, Raveendra. M.; Kusanure, Raviraj; Patil, N. R.	Solvent Polarity and Environment Sensitive Behavior of Coumarin Derivative	MACROMOLECULAR SYMPOSIA	Proceedings Paper	4th International Conference on Advances in Materials Science (ICAMS)	JAN 20-21, 2020	This paper reports an investigation on ground and excited state preferential solvation index (i.e., delta s2) and relative quantum yield of 2-acetyl-3H-benzo[f]chromen-3-one (2AHBC) molecule. The title molecule shows negative values of preferential solvation index in the ground state in different binary solvent mixtures, this confirms	[Koppal, Varsha V.; Hebsur, Rekha K.] KLE Technol Univ, Dept Phys, Hubli 580031, Karnataka, India; [Melavanki, Raveendra. M.] M S Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanure, Raviraj] Rashtreeya Vidyalaya Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Patil, N. R.] B V B	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering; KLE Technological University	3	WILEY-V C H VERLAG GMBH	1022-1360		2020	392	1	http://dx.doi.org/10.1002/masy.201900200

J	Mishra, N; Pandya, S; Patel, C; Cholli, N; Modi, K; Shah, PJ; Chopade, M; Patel, S; Kotecha, K		Mishra, Nivedita; Pandya, Sharnil; Patel, Chirag; Cholli, Nagaraj; Modi, Kirit; Shah, Pooja; Chopade, Madhuri; Patel, Sudha; Kotecha, Ketan	Memcached: An Experimental Study of DDoS Attacks for the Wellbeing of IoT Applications	SENSORS	Article			Distributed denial-of-service (DDoS) attacks are significant threats to the cyber world because of their potential to quickly bring down victims. Memcached vulnerabilities have been targeted by attackers using DDoS amplification attacks. GitHub and Arbor Networks were the victims of Memcached DDoS attacks with	[Mishra, Nivedita; Pandya, Sharnil] Symbiosis Int Deemed Univ, Symbiosis Inst Technol, Pune 412115, Maharashtra, India; [Patel, Chirag] DEPSTAR, Comp Sci & Engn, Anand 388421, Gujarat, India; [Cholli, Nagaraj] RV Coll Engn, Dept Informat Sci & Engn, Bangalore 560059, India; [Modi	Symbiosis International University; Symbiosis Institute of Technology (SIT); R.V. College of Engineering; Symbiosis International University	2	MDPI			2021	21	23	http://dx.doi.org/10.3390/s21238071

J	Radder, SB; Melavanki, R; Radder, U; Hiremath, SM; Kusanur, R; Khemalapure, SS		Radder, Shivaraj B.; Melavanki, Raveendra; Radder, Umesharaddy; Hiremath, Sudhir M.; Kusanur, Raviraj; Khemalapure, Seema S.	Synthesis, spectroscopic (FT-IR, FT-Raman, NMR), reactivity (ELF, LOL and Fukui) and docking studies on 3-(2-hydroxy-3-methoxy-phenyl)-1-(3-nitro-phenyl)-propenone by experimental and DFT methods	JOURNAL OF MOLECULAR STRUCTURE	Article			The present article encloses synthesis and characterizations of 3-(2-hydroxy-3-methoxy-phenyl) 1 (3- nitro-phenyl)-propenoneby several experimental techniques such as FT-IR, FT-Raman, NMR and UVVis spectral method. The similar techniques are also investigated by computational method using Gaussian softwarewith DFT/	[Radder, Shivaraj B.; Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Radder, Umesharaddy] MS Ramaiah Inst Technol, Dept Elect & Telecommun Engn, Bengaluru 560054, Karnataka, India; [Hiremath, Sudhir M.] JT Coll Gadag, KLE Soc, Dept PG Studies	Ramaiah Institute of Technology; Ramaiah Institute of Technology; R.V. College of Engineering; Visvesvaraya Technological University	17	ELSEVIER	0022-2860		2022	1255		http://dx.doi.org/10.1016/j.molstruc.2022.132443

J	Koppal, VV; Melavanki, RM; Kusanur, RA; Bhavya, P; Patil, NR		Koppal, V. V.; Melavanki, R. M.; Kusanur, R. A.; Bhavya, P.; Patil, N. R.	A role of solvent polarity on bimolecular quenching reactions of 3-acetyl-7-(diethylamino)-2H-chromen-2-one in binary solvent mixtures	JOURNAL OF MOLECULAR LIQUIDS	Article			The study on preferential salvation was carried out for the 3-acetyl-7-(diethylamino)-2H-chromen-2-one (3ADHC) molecule in different binary solvent mixtures of acetonitrile (ACN) and 1,4-dioxane (DXN) at room temperature. Further, the fluorescence quenching of 3ADHC molecule with aniline was characterized by Stem-Volmer	[Koppal, V. V.; Patil, N. R.] BVB Coll Engn & Technol, Dept Phys, Hubli 580031, Karnataka, India; [Melavanki, R. M.] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanur, R. A.] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Bhavya, P.] New Horizon Coll Engn, Dept Phys, Bangalore	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering	18	ELSEVIER SCIENCE BV	0167-7322		2018	260		http://dx.doi.org/10.1016/j.molliq.2018.02.094

J	Manjunatha, C; Abhishek, B; Shivaraj, BW; Ashoka, S; Shashank, M; Nagaraju, G		Manjunatha, C.; Abhishek, B.; Shivaraj, B. W.; Ashoka, S.; Shashank, M.; Nagaraju, G.	Engineering the MxZn1-xO (M = Al3+, Fe3+, Cr3+) nanoparticles for visible light-assisted catalytic mineralization of methylene blue dye using Taguchi design	CHEMICAL PAPERS	Article			Here, we developed a sustainable solution to address the water pollution especially due to organic dye industries. Visible light-activated catalytic degradation of aqueous solution of methylene blue (MB) dye was studied by using trivalent metal ion-doped ZnO nanoparticles as a photocatalyst. The nano-photocatalysts were synthesized by	[Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Abhishek, B.; Shivaraj, B. W.] RV Coll Engn, Mech Engn, Bengaluru 560059, India; [Manjunatha, C.] Visvesvaraya Technol Univ, Belagavi 590018, India; [Shashank, M.; Nagaraju, G.] Siddaganga Inst Technol, Dept Chem, Tumakuru	R.V. College of Engineering; R.V. College of Engineering; Visvesvaraya Technological University; Siddaganga Institute of Technology; Kuvempu University	11	SPRINGER INTERNATIONAL PUBLISHING AG	2585-7290		2020	74	8	http://dx.doi.org/10.1007/s11696-020-01113-5

J	Radder, SB; Melavanki, R; Hiremath, SM; Kusanur, R; Khemalapure, SS; Jeyaseelan, SC		Radder, Shivaraj B.; Melavanki, Raveendra; Hiremath, Sudhir M.; Kusanur, Raviraj; Khemalapure, Seema S.; Jeyaseelan, S. Christopher	Synthesis, spectroscopic (FT-IR, FT-Raman, NMR & UV-Vis), reactive (ELF, LOL, Fukui), drug likeness and molecular docking insights on novel 4-[3-(3-methoxy-phenyl)-3-oxo-propenyl]-benzonitrile by experimental and computational methods	HELIYON	Article			The spectroscopic analysis such as FT-IR, FT-Raman, UV-Vis and NMR are conducted for the synthesized molecule by both experimental and theoretical approach. The theoretical computations were achieved by DFT method with B3LYP functional and 6-311 ++ G (d, P) basis set. Firstly the geometrical parameters obtained by	[Radder, Shivaraj B.; Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Hiremath, Sudhir M.] KLE Soc JT Coll, Dept PG Studies Phys, Gadag 582101, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Khemalapure, Seema	Ramaiah Institute of Technology; R.V. College of Engineering; Visvesvaraya Technological University	18	ELSEVIER SCI LTD			2021	7	11	http://dx.doi.org/10.1016/j.heliyon.2021.e08429

J	Prasanna, BP; Avadhani, DN; Chaitra, K; Nagaraju, N; Kathyayini, N		Prasanna, B. P.; Avadhani, D. N.; Chaitra, K.; Nagaraju, N.; Kathyayini, N.	Synthesis of polyaniline/ MWCNTs by interfacial polymerization for superior hybrid supercapacitance performance	JOURNAL OF POLYMER RESEARCH	Article			Polyaniline/ Multiwalled carbon nanotubes (PANI/MWCNTs) nanocomposite was prepared via liquid-liquid interfacial polymerization method. The morphology studies of the nanocomposite using SEM and TEM techniques confirmed the presence of PANI as aggregates along with MWCNTs and X-ray diffraction studies indicated	[Prasanna, B. P.] Tumkur Univ, Dept Studies & Res Phys, Tumkur 572101, India; [Prasanna, B. P.] Jain Univ, Sch Engn & Technol, Dept Phys, Bangalore 562112, Karnataka, India; [Avadhani, D. N.] RV Coll Engn, Dept Phys, Bangalore 560059, Karnataka, India; [Nagaraju, N.] St Josephs Coll, Dept Chem, PG Ctr, 46 Langford	Tumkur University; Jain University; R.V. College of Engineering; St. Josephs College	26	SPRINGER	1022-9760		2018	25	5	http://dx.doi.org/10.1007/s10965-018-1526-2

J	James, J; Thomas, GV; Madathil, AP; Nambissan, PMG; Kalarikkal, N; Thomas, S		James, Jose; Thomas, George, V; Madathil, Akhil Punneri; Nambissan, P. M. G.; Kalarikkal, Nandakumar; Thomas, Sabu	Positron annihilation spectroscopic characterization of free-volume defects and their correlations with the mechanical and transport properties of SBR-PMMA interpenetrating polymer networks	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Article			A series of interpenetrating polymer networks (IPNs) and semi-interpenetrating polymer networks (s-IPNs) of styrene butadiene rubber (SBR) and poly(methyl methacrylate) (PMMA) have been synthesized by adopting the sequential interpenetration andin situpolymerization method. The size and the concentration of free volume defects in these	[James, Jose; Thomas, George, V] St Josephs Coll, Res & Postgrad Dept Chem, Idukki 685591, Kerala, India; [James, Jose; Kalarikkal, Nandakumar; Thomas, Sabu] Mahatma Gandhi Univ, Int & Inter Univ Ctr Nanosci & Nanotechnol, Kottayam 686560, Kerala, India; [James, Jose; Thomas, Sabu] Mahatma	St. Josephs College; Mahatma Gandhi University, Kerala; Mahatma Gandhi University, Kerala; R.V. College of Engineering; Saha Institute of Nuclear Physics; Mahatma Gandhi University, Kerala	9	ROYAL SOC CHEMISTRY	1463-9076		2020	22	32	http://dx.doi.org/10.1039/d0cp01417f

C	Ramesh, S; Ashok, SD; Nagaraj, S		Ramesh, S.; Ashok, S. Denis; Nagaraj, Shanmukha	An Energy Conservation Strategy Using Variable Frequency Drive for a Hydraulic Clamping System in a CNC Machine	MATERIALS TODAY-PROCEEDINGS	Proceedings Paper	International Conference on Materials Manufacturing and Modelling (ICMMM)	MAR 09-11, 2017	Electric motor driven hydraulic clamping systems are commonly employed in Computer Numerically Control (CNC) machine tools for fixing work pieces on the machine table. The flow requirements for a typical hydraulic clamping system varies during machining of components, however, the existing electric	[Ramesh, S.] Jain Univ, SET, Dept Mech Engn, Jakkasandra Post,Kanakapura Main Rd, Bengaluru 562112, Karnataka, India; [Ashok, S. Denis] VIT Univ, Sch Mech Engn, Dept Design & Automat, Vellore 632014, Tamil Nadu, India; [Nagaraj, Shanmukha] Rashtriya Vidyalaya Coll Engn, Dept Mech Engn, Mysore Rd	Jain University; Vellore Institute of Technology (VIT); VIT Vellore; R.V. College of Engineering	3	ELSEVIER SCIENCE BV	2214-7853		2018	5	5	http://dx.doi.org/10.1016/j.matpr.2018.02.346

J	Patagar, DN; Batakurki, SR; Kusanur, R; Patra, SM; Saravanakumar, S; Ghate, M		Patagar, Dayanand N.; Batakurki, Sheetal R.; Kusanur, Raviraj; Patra, Swarna M.; Saravanakumar, S.; Ghate, Manjunath	Synthesis, antioxidant and anti-diabetic potential of novel benzimidazole substituted coumarin-3-carboxamides	JOURNAL OF MOLECULAR STRUCTURE	Article			A series of benzimidazole tethered coumarin-3-carboxamide analogues were synthesised and screened for their antioxidant potential using DPPH and ABTS assay. And alpha-amylase inhibition potential also verified using DNSA method.The compound 10j with picoline substitution on the carboxamide linker emerged as	[Patagar, Dayanand N.; Kusanur, Raviraj; Patra, Swarna M.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Patagar, Dayanand N.; Kusanur, Raviraj] Visvesvaraya Technol Univ, Belagavi 590018, Karnataka, India; [Patagar, Dayanand N.; Saravanakumar, S.] Syngene Int Ltd, Bengaluru 560099	R.V. College of Engineering; Visvesvaraya Technological University; Syngene International Limited; M. S. Ramaiah University of Applied Sciences; National Forensic Sciences University	8	ELSEVIER	0022-2860		2023	1274		http://dx.doi.org/10.1016/j.molstruc.2022.134589

C	Bhavya, P; Melavanki, R; Narayanappa, CK; Kusanur, R; Meghana, U; Suma, B		Bhavya, P.; Melavanki, Raveendra; Narayanappa, C. K.; Kusanur, Raviraj; Meghana, U.; Suma, B.	Binding Interaction Between Boronic Acid Derivatives with Monosaccharaides: Effect of Structural Change of Monosaccharaides Upon Binding Using S-V Plots	MACROMOLECULAR SYMPOSIA	Proceedings Paper	4th International Conference on Advances in Materials Science (ICAMS)	JAN 20-21, 2020	Sugar sensing and continuous monitoring of glucose (CGM) play an important and vital role in controlling diabetes. The present enzyme-based sugar sensors have their own drawbacks. Problems associated with them have encouraged alternate approaches to design new sensors. Among many, fluorescent intensity change	[Bhavya, P.] New Horizon Coll Engn, Dept Phys, Bengaluru 560103, Karnataka, India; [Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bengaluru 560054, Karnataka, India; [Narayanappa, C. K.] MS Ramaiah Inst Technol, Dept Med Elect, Bangalore 560054, Karnataka, India; [Kusanur, Raviraj]	Ramaiah Institute of Technology; Ramaiah Institute of Technology; R.V. College of Engineering; M. S. Ramaiah University of Applied Sciences	5	WILEY-V C H VERLAG GMBH	1022-1360		2020	392	1	http://dx.doi.org/10.1002/masy.202000166

J	Ramesh, HN; Kulkarni, MGR; Raghunandan, ME; Nethravathi, S		Ramesh, H. N.; Kulkarni, Madhavi Gopal Rao; Raghunandan, Mavinakere Eshwaraiah; Nethravathi, S.	Suitability of bagasse ash-lime mixture for the stabilization of black cotton soil	GEOMECHANICS AND ENGINEERING	Article			Lime stabilization has conventionally been listed amid the key techniques of chemical stabilization. Replacing lime with sustainable agro-based by-products have gained prominence in recent decades. Bagasse ash (BA) is one such potential alternatives, an industrial waste with abundance in production, and industries exploring sustainable	[Ramesh, H. N.] Univ Visvesvaraya Coll Engn, Fac Engn Civil, Bengaluru 560056, Karnataka, India; [Kulkarni, Madhavi Gopal Rao] Presidency Univ, Dept Civil Engn, Bengaluru, Karnataka, India; [Raghunandan, Mavinakere Eshwaraiah] Monash Univ Malaysia, Sch Engn, Civil Engn Discipline, Bandar Sunway 47500, Selangor, Malaysia;	Presidency University, Bangalore; Monash University; Monash University Malaysia; R.V. College of Engineering	1	TECHNO-PRESS	2005-307X		2022	28	3	http://dx.doi.org/10.12989/gae.2022.28.3.255

J	Koppal, VV; Patil, PG; Melavanki, RM; Kusanur, RA; Afi, UO; Patil, NR		Koppal, V. V.; Patil, P. G.; Melavanki, Raveendra M.; Kusanur, Raviraj A.; Afi, Ushie Onumashi; Patil, N. R.	Exploring the influence of silver nanoparticles on the mechanism of fluorescence quenching of coumarin dye using FRET	JOURNAL OF MOLECULAR LIQUIDS	Article			A study has been undertaken on fluorescence resonance energy transfer (FRET) between microwave assisted silver nanoparticles (AgNPs) and biologically active coumarin derivative 2-acetyl-3H-benzo[f]chromen-3-one (2AHBC). The Stern-Volmer plot shows linear nature in steady state and transient state fluorescence	[Koppal, V. V.; Patil, N. R.] BVB Coll Engn & Technol, Dept Phys, Hubli 580031, Karnataka, India; [Patil, P. G.] PC Jabin Sci Coll, Dept Phys, Hubli 580031, Karnataka, India; [Melavanki, Raveendra M.] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanur, Raviraj A.] RV Coll Engn, Dept Chem	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering	17	ELSEVIER	0167-7322		2019	292		http://dx.doi.org/10.1016/j.molliq.2019.111419

J	Priyadarshi, R; Rawat, P; Nath, V; Acharya, B; Shylashree, N		Priyadarshi, Rahul; Rawat, Piyush; Nath, Vijay; Acharya, Bibhudendra; Shylashree, N.	Three level heterogeneous clustering protocol for wireless sensor network	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	Article			The restricted battery of the sensors has always been a bottleneck for the WSNs. To withstand the network life for a elongated period, the network can be partitioned into clusters. To boost the network routine, a three-level heterogeneous clustering procedure is proposed in this paper. The three levels of heterogeneity split the	[Priyadarshi, Rahul] Natl Inst Technol, Dept Elect & Commun Engn, Patna, Bihar, India; [Rawat, Piyush] Natl Inst Technol, Dept Comp Sci & Engn, Hamirpur, HP, India; [Nath, Vijay] Birla Inst Technol, Dept Elect & Commun Engn, Ranchi 835215, JH, India; [Acharya, Bibhudendra] Natl Inst Technol, Dept Elect	National Institute of Technology (NIT System); National Institute of Technology Patna; National Institute of Technology (NIT System); National Institute of Technology Hamirpur; Birla Institute	28	SPRINGER HEIDELBERG	0946-7076		2020	26	12	http://dx.doi.org/10.1007/s00542-020-04874-x

J	Manjunatha, C; Lakshmikant, S; Shreenivasa, L; Srinivasa, N; Ashoka, S; Shivraj, BW; Selvaraj, M; Meda, US; Babu, GS; Pollet, BG		Manjunatha, C.; Lakshmikant, S.; Shreenivasa, L.; Srinivasa, N.; Ashoka, S.; Shivraj, B. W.; Selvaraj, Manickam; Meda, Ujwal Shreenag; Babu, G. Satheesh; Pollet, Bruno G.	Development of non-stoichiometric hybrid Co3S4/Co0.85Se nanocomposites for an evaluation of synergistic effect on the OER performance	SURFACES AND INTERFACES	Article			Water electrolysis powered by renewable energy sources to produce green hydrogen is a very promising and sustainable alternative to fossil fuels, as well as one of the best approaches for significantly reducing carbon footprints and controlling pollution. In this study, novel hybrid non-stoichiometric nanocomposite Co3S4/	[Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Manjunatha, C.; Meda, Ujwal Shreenag] RV Coll Engn, Ctr Hydrogen & Green Technol Res, Bengaluru 560059, India; [Lakshmikant, S.; Shivraj, B. W.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India; [Shreenivasa, L.; Srinivasa	R.V. College of Engineering; R.V. College of Engineering; R.V. College of Engineering; King Khalid University; R.V. College of Engineering; R.V. College of Engineering; Norwegian University of Science &	15	ELSEVIER	2468-0230		2021	25		http://dx.doi.org/10.1016/j.surfin.2021.101161

J	Sharma, K; Melavanki, R; Muttannavar, VT; Thipperudrappa, J; Patil, NR; Kusanur, R		Sharma, Kalpana; Melavanki, Raveendra; Muttannavar, V. T.; Thipperudrappa, J.; Patil, N. R.; Kusanur, Raviraj	Examining the spectroscopic features and quantum chemical computations of a Quinoline derivative: Experimental and theoretical insights into the photophysical characteristics	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	Article			The solvatochromic studies in a Quinoline derivative molecule namely Quinolin-8-ol (QO) have been carried out at ambient temperature using absorption and fluorescence spectroscopy. The QO molecule shows the bathochromic shift with increase in solvent polarity demonstrating pi -> pi* transition. The solvatochromic data	[Sharma, Kalpana; Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangaluru 560054, India; [Muttannavar, V. T.] JSS Sci RSH PU Coll, Dept Phys, Vidyagiri Dharwad 580003, India; [Thipperudrappa, J.] Vijayanagar Sri Krishna Devaraya Univ, VSKU, Post Grad Studies Phys, Bellary 583104	Ramaiah Institute of Technology; KLE Technological University; R.V. College of Engineering	1	NATL INST SCIENCE COMMUNICATION-NISCAIR	0019-5596		2020	58	7	

J	Thiruvalluvar, AA; Sridharan, M; Prasad, KJR; Zeller, M		Thiruvalluvar, Aravazhi Amalan; Sridharan, M.; Prasad, K. J. Rajendra; Zeller, M.	Synthesis and crystal structure of 1-hydroxy-8-methyl-9H-carbazole-2-carbaldehyde	ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS	Article			Two crystallographically independent molecules are present in the asymmetric unit of the title compound, C14H11NO2, with virtually identical geometries. The carbazole units are planar. The hydroxy group at position 1, carbaldehyde group at position 2, and methyl group at position 8 (with the exception of two H atoms) are coplanar	[Thiruvalluvar, Aravazhi Amalan] Kunthavai Naacchiyaar Govt Arts Coll Women Autono, Thanjavur 613007, Tamil Nadu, India; [Sridharan, M.] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Prasad, K. J. Rajendra] Bharathiar Univ, Dept Chem, Coimbatore 641046, Tamil Nadu, India; [Zeller, M.]	R.V. College of Engineering; Bharathiar University; Purdue University System; Purdue University	1	INT UNION CRYSTALLOGRAPHY	2056-9890		2021	77		http://dx.doi.org/10.1107/S2056989021007210

J	Kumar, S; Chandra; Rajesh, BM; Doreswamy, BH; Sunilkumar, YC; Nair, AN; Bajpai, M		Kumar, Shamantha; Chandra; Rajesh, B. M.; Doreswamy, B. H.; Sunilkumar, Y. C.; Nair, Ajil N.; Bajpai, Mohit	Synthesis, crystal structure, spectroscopic characterization, Hirshfeld surface analysis, DFT calculation and molecular modeling studies of 1-(4-Nitro-phenyl)-3,5-di-thiophen-2-yl-1H-pyrazole	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	Article			Based on single crystal X-ray diffraction studies for 1-(4-nitrophenyl)-3,5-di-thiophen-2-yl-1H-pyrazole (2a), monoclinic crystal system with a space group of C2/c was determined, where a final residual value of R equals to 0.058. The synthesized compounds were characterized through H-1 and C-13 NMR spectroscop	[Kumar, Shamantha; Bajpai, Mohit] Himalayan Univ, Dept Phys, Itanagar, Arunachal Prade, India; [Kumar, Shamantha; Doreswamy, B. H.] SJB Inst Technol, Dept Phys, Bangalore, Karnataka, India; [Chandra] Natl Inst Engn, Dept Phys, Mysore, Karnataka, India; [Rajesh, B. M.] RV Coll Engn, Dept Phys, Bangalore, Karnataka	SJB Institute of Technology; National Institute of Engineering (NIE); R.V. College of Engineering; M. S. Ramaiah University of Applied Sciences	2	TAYLOR & FRANCIS LTD	1542-1406		2022	740	1	http://dx.doi.org/10.1080/15421406.2022.2031446

C	Siddeswara, DMK; Mahesh, KRV; Mylarappa, M; Venkatesh, T; Nagaswarupa, HP; Kumara, KNS; Kumar, KJR; Raghavendra, N		Siddeswara, D. M. K.; Mahesh, K. R. Vishnu; Mylarappa, M.; Venkatesh, T.; Nagaswarupa, H. P.; Kumara, K. N. Shravana; Kumar, K. J. Rudresh; Raghavendra, N.	Effective Elimination of Acid Red 88 from Aqueous Solution and Electrochemical Studies of rGO/AgO and rGO/CNT's/AgO Based Nanocomposite	ADVANCED SCIENCE LETTERS	Proceedings Paper	1st International Conference on Nanoscience and Nanotechnology (ICNAN)	OCT 19-21, 2016	In the present study rGO is synthesized by using modified hummer's method, which is used for the one pot synthesis of AgO incorporated rGO/AgO binary composite and multiwalled and AgO doped rGO/CNT's/AgO ternary composite. As synthesized rGO, binary and ternary composites were studied using X-ray	[Siddeswara, D. M. K.; Kumara, K. N. Shravana] Bharathiar Univ, Res & Dev Ctr, Coimbatore 641046, Tamil Nadu, India; [Siddeswara, D. M. K.] Jyothi Inst Technol, Dept Chem, Bengaluru 560062, Karnataka, India; [Mahesh, K. R. Vishnu; Kumar, K. J. Rudresh] Dayananda Sagar Coll Engn, Dept Chem, Shavige Malleshwara Hills	Bharathiar University; Dayananda Sagar College of Engineering; R.V. College of Engineering	0	AMER SCIENTIFIC PUBLISHERS	1936-6612		2018	24	8	http://dx.doi.org/10.1166/asl.2018.12203

J	Kumar, AN; Jnaneshwara, DM; Ravikumar, CR; Murthy, HCA; Prashantha, SC; Kumar, MRA; Ajay, KM		Kumar, A. Naveen; Jnaneshwara, D. M.; Ravikumar, C. R.; Murthy, H. C. Ananda; Prashantha, S. C.; Kumar, M. R. Anil; Ajay, K. M.	A Comparative Cyclic Voltametric Study on Rare Earth (Eu, Sm, Dy, and Tb) Ions Doped La10Si6O27 Nanophosphors for Sensor Application	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING	Article			The rare earth (RE = Eu, Sm, Dy, and Tb) ions doped La10Si6O27 nanophosphor was synthesized by a simple solution combustion method. The prepared La10Si6O27 :RE3+ nanophosphors (LNPs) were subjected to diverse technical tools for exploring their structural, optical, morphological, and electrochemical features. The	[Kumar, A. Naveen; Jnaneshwara, D. M.] VTU, SJB Inst Technol, Dept Phys, Bangalore 560060, India; [Kumar, A. Naveen; Ravikumar, C. R.; Prashantha, S. C.; Kumar, M. R. Anil] VTU, East West Inst Technol, Res Ctr, Dept Sci, Bangalore 560091, India; [Murthy, H. C. Ananda] Adama Sci & Technol Univ, Sch Appl Nat Sci, Dept	SJB Institute of Technology; Adama Science & Technology University; Saveetha Institute of Medical & Technical Science; Saveetha Dental College & Hospital; R.V. College of Engineering	1	HINDAWI LTD	1687-8434		2022	2022		http://dx.doi.org/10.1155/2022/7429133

J	Koppal, VV; Melavanki, R; Kusanur, R; Patil, NR		Koppal, V. V.; Melavanki, Raveendra; Kusanur, Raviraj; Patil, N. R.	Analysis of Fluorescence Quenching of Coumarin Derivative under Steady State and Transient State Methods	JOURNAL OF FLUORESCENCE	Article			Nature has gifted us many organic molecules which have remarkable influence in our daily life. Amongst many organic molecules, heterocyclic organic molecules have gained potential applications in the advanced field of biomedicine, pharmaceutical, electronics and many more. In the present work fluorescence quenching	[Koppal, V. V.] KLE Technol Univ, Dept Phys, Hubli 580031, Karnataka, India; [Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Patil, N. R.] BVB Coll Engn & Technol, Dept Phys, Hubli	KLE Technological University; Ramaiah Institute of Technology; R.V. College of Engineering; KLE Technological University; Visvesvaraya Technological University	11	SPRINGER/PLENUM PUBLISHERS	1053-0509		2021	31	2	http://dx.doi.org/10.1007/s10895-020-02663-3

C	Reddy, NA; Mendi, V; Raghavendra, T; Lokeshwari, M	Singh, UP; Chahar, BR; Yadav, HRP; Vij, SK	Reddy, N. Amarnatha; Mendi, Vikas; Raghavendra, T.; Lokeshwari, M.	Flood Estimation Using Probability Distribution Function Based Synthetic Unit Hydrograph Methods at Ungauged Catchments in Varrar Basin, Kerala, India	URBANIZATION CHALLENGES IN EMERGING ECONOMIES: ENERGY AND WATER INFRASTRUCTURE; TRANSPORTATION INFRASTRUCTURE; AND PLANNING AND FINANCING	Proceedings Paper	American-Society-of-Civil-Engineers (ASCE) India Conference on Urbanization Challenges in Emerging Economies	DEC 12-14, 2017	The unit hydrograph (UH) concept needs observed rainfall-runoff data at the gauging site for hydrograph generation. But many catchments and watersheds in India are devoid of gauging stations and also it is not economically justifiable to collect the data and carry out detailed hydromorphological studies at every new site on a large scale	[Reddy, N. Amarnatha] JNTUA Anantapur, Madanapalle Inst Technol & Sci, Dept Civil Engn, Madanapalle 517325, India; [Mendi, Vikas] Natl Inst Technol Karnataka, Mangaluru 560059, India; [Raghavendra, T.; Lokeshwari, M.] Visvesvaraya Technol Univ, Dept Civil Engn, RV Coll Engn, Bengaluru 560059, India	Jawaharlal Nehru Technological University - Anantapur; Madanapalle Institute of Technology & Science; National Institute of Technology (NIT System); National Institute of Technology Karnataka;	0	AMER SOC CIVIL ENGINEERS		978-0-7844-8202-5	2018			

C	Sharma, K; Melavanki, R; Yallur, BC; Kusanur, R; Patil, NR; Shelar, VM; Singh, D; Rosario, J; Hussaini, Q; Mohan, A; Thampan, AV		Sharma, Kalpana; Melavanki, Raveendra; Yallur, Basappa C.; Kusanur, Raviraj; Patil, N. R.; Shelar, Vikas M.; Singh, Diksha; Rosario, Jones; Hussaini, Qurban; Mohan, A.; Thampan, Arun Varma	Optical Characterization of Chalcone-Doped PMMA Thin Films for Photonic Applications Using Spectroscopic Technique of Drop Casting Method	MACROMOLECULAR SYMPOSIA	Proceedings Paper	4th International Conference on Advances in Materials Science (ICAMS)	JAN 20-21, 2020	Thin films of PMMA (polymethylmethacrylate) and chalcone prepared via drop casting method is reported here. The newly synthesized chalcone derivative namely 1-(3-methoxy-phenyl)-3-(4-nitro-phenyl)-propanone (C2) is used to dope the films with different concentrations. The prepared films are transparent so they are studied for applications	[Sharma, Kalpana; Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangaluru 560054, Karnataka, India; [Yallur, Basappa C.] MS Ramaiah Inst Technol, Dept Chem, Bangaluru 560054, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Patil, N. R.] BVB	Ramaiah Institute of Technology; Ramaiah Institute of Technology; R.V. College of Engineering; KLE Technological University; M. S. Ramaiah University of Applied Sciences	0	WILEY-V C H VERLAG GMBH	1022-1360		2020	392	1	http://dx.doi.org/10.1002/masy.202000165

J	Naik, NS; Padaki, M; Isloor, AM; Nagaraja, KK; Vishnumurthy, KA		Naik, Nagaraj S.; Padaki, Mahesh; Isloor, Arun M.; Nagaraja, K. K.; Vishnumurthy, K. A.	Poly(ionic liquid)-Based charge and size selective loose nanofiltration membrane for molecular separation	CHEMICAL ENGINEERING JOURNAL	Article			Separation of chemicals using membranes in smaller size regimes is a much-complicated process. An ideal membrane for molecular separation should be more hydrophilic with well-defined pore sizes for ensuring the selectivity to give a maximum solvent flux. Here, we report a poly(itaconic acid-co-styrene-co-sulfobetaine	[Naik, Nagaraj S.; Padaki, Mahesh] Jain Univ, Ctr Nano & Mat Sci, Jain Global Campus, Bangalore 562112, Karnataka, India; [Isloor, Arun M.] Natl Inst Technol Karnataka, Dept Chem, Membrane & Separat Technol Lab, Mangalore 575025, India; [Nagaraja, K. K.] Manipal Acad Higher Educ, Manipal Inst	Jain University; National Institute of Technology (NIT System); National Institute of Technology Karnataka; Manipal Academy of Higher Education (MAHE); R.V. College of Engineering	18	ELSEVIER SCIENCE SA	1385-8947		2021	418		http://dx.doi.org/10.1016/j.cej.2021.129372

C	Raghavendra, T; Udayashankar, BC; Lokeshwari, M; Vikas, M; Reddy, NA	Singh, UP; Babu, GLS	Raghavendra, T.; Udayashankar, B. C.; Lokeshwari, M.; Vikas, M.; Reddy, N. Amaranath	Effect of Water Content on Relative Flow Area and Hence Predicted Flow Values of Controlled Low Strength Materials	URBANIZATION CHALLENGES IN EMERGING ECONOMIES: RESILIENCE AND SUSTAINABILITY OF INFRASTRUCTURE	Proceedings Paper	American-Society-of-Civil-Engineers (ASCE) India Conference on Urbanization Challenges in Emerging Economies - Resilience and Sustainability of Infrastructure	DEC 12-14, 2017	Urban cities are embracing new innovations in built-up spaces and thereby necessitating renovations or constructions for new buildings either by demolition of obsolete buildings or at new places to expand the city itself. In this regard natural stones are converted to aggregates and hence generate stone dust as a waste	[Raghavendra, T.; Udayashankar, B. C.; Lokeshwari, M.] Visvesvaraya Technol Univ, Dept Civil Engn, RV Coll Engn, Bengaluru 560059, India; [Vikas, M.] Natl Inst Technol Karnataka, Dept Appl Mech & Hydraul, Surathkal 575025, Mangaluru, India; [Reddy, N. Amaranath] JNTUA Anantapur, Madanapalle Inst Technol & Sci, Dept	Visvesvaraya Technological University; R.V. College of Engineering; National Institute of Technology (NIT System); National Institute of Technology Karnataka; Madanapalle Institute of Technology & Science;	1	AMER SOC CIVIL ENGINEERS		978-0-7844-8203-2	2018			

J	Melavanki, R; Geethanjali, HS; Thipperudrappa, J; Kusanur, R; Patil, NR; Bhavya, P		Melavanki, Raveendra; Geethanjali, H. S.; Thipperudrappa, J.; Kusanur, Raviraj; Patil, N. R.; Bhavya, P.	Effect of hydrogen bonding and solvent polarity on the fluorescence quenching and dipole moment of 2-methoxypyridin-3-yl-3-boronic acid	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	Article			Two photophysical properties namely, fluorescence quenching and dipole moment (both ground state and excited state) of 2-methoxypyridin-3-yl-3-boronic acid (2MPBA) have been investigated in alcohol environment using steady state fluorescence technique at 300 K. In quenching studies, a rare but not unusual observation; negative	[Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Geethanjali, H. S.] Bangalore Inst Technol, Dept Phys, Bangalore 560004, Karnataka, India; [Thipperudrappa, J.] BNM Inst Technol, Dept Phys, Bangalore 560070, Karnataka, India; [Kusanur, Raviraj] Rashtreeya Vidhyalaya	Ramaiah Institute of Technology; Bangalore Institute of Technology; R.V. College of Engineering; KLE Technological University	1	NATL INST SCIENCE COMMUNICATION-NISCAIR	0019-5596		2018	56	12	

J	Hareesh, K; Sunitha, DV; Ramya, P; Williams, JF; Samarin, S; Dhole, SD; Sanjeev, G		Hareesh, K.; Sunitha, D. V.; Ramya, P.; Williams, J. F.; Samarin, S.; Dhole, S. D.; Sanjeev, G.	Gamma radiation-assisted diffusion of Au nanoparticles in nanocavities of polycarbonate: nano-structural and surface properties	MATERIALS RESEARCH EXPRESS	Article			The in situ gamma ray-assisted diffusion of gold nanoparticles in a polycarbonate film modified the nano-structural and surface properties to enable control of functional use with decreases in the free volume nano-hole size and in the fractional free volume measured using positron annihilation lifetime spectroscopic techniques	[Hareesh, K.; Sunitha, D. V.] REVA Univ, Sch Phys Sci, Bangalore 560064, Karnataka, India; [Hareesh, K.; Ramya, P.; Williams, J. F.; Samarin, S.] Univ Western Australia, Sch Phys, ARC Ctr Antimatter Matter Studies, Perth, WA 6009, Australia; [Dhole, S. D.] Savitribai Phule Pune Univ, Dept Phys, Pune 411007	REVA University; University of Western Australia; Savitribai Phule Pune University; Mangalore University; R.V. College of Engineering	1	IOP PUBLISHING LTD	2053-1591		2018	5	1	http://dx.doi.org/10.1088/2053-1591/aaa14c

J	Patil, PG; Melavanki, R; Radder, SB; Kusanur, R; Hiremath, CS; Patil, NR; Hiremath, SM		Patil, Prakashgouda G.; Melavanki, Raveendra; Radder, Shivaraj B.; Kusanur, Raviraj; Hiremath, Chidanandayya S.; Patil, Ninganagouda R.; Hiremath, Sudhir M.	Synthesis, Structural Characterizations, and Quantum Chemical Investigations on 1-(3-Methoxy-phenyl)-3-naphthalen-1-yl-propenone	ACS OMEGA	Article			In the present study, 1-(3-methoxy-phenyl)-3-naphthalen-1-yl-propenone (MPNP) is synthesized and characterized by several experimental techniques such as Fourier transform-infrared spectroscopy (FT-IR), FT-Raman, NMR and UV-vis spectral methods. The similar techniques are also investigated by the computational method using	[Patil, Prakashgouda G.] JT Coll, Dept Phys, Gadag 582102, Karnataka, India; [Patil, Prakashgouda G.; Melavanki, Raveendra; Radder, Shivaraj B.; Patil, Ninganagouda R.; Hiremath, Sudhir M.] Visvesvaraya Technol Univ, Dept Phys, Belgavi 590018, Karnataka, India; [Melavanki, Raveendra; Radder, Shivaraj B.] M S	Visvesvaraya Technological University; Ramaiah Institute of Technology; R.V. College of Engineering; KLE Technological University	13	AMER CHEMICAL SOC	2470-1343		2021	6	40	http://dx.doi.org/10.1021/acsomega.1c02688

J	Ramanath, AM; Venkateshappa, A; Srinivasarao, AM; Amirthalingam, V		Ramanath, Archana Mosale; Venkateshappa, Anjaneyappa; Srinivasarao, Amarnath Macheri; Amirthalingam, Veeraragavan	Benchmarking Falling Weight Deflectometer Deflection Bowl Parameters: Case Study for Indian Conditions and the Applications to Rehabilitation Design	JOURNAL OF TRANSPORTATION ENGINEERING PART B-PAVEMENTS	Article			The paper presents the application of falling weight deflectometer (FWD) for the assessment of the structural capacity of a network of roads at district level by mechanistic-empirical technique and bench-marking of deflection bowl parameters to Indian conditions and demonstration of its application for the design of flexible pavement	[Ramanath, Archana Mosale] Visvesvaraya Technol Univ, Dept Civil Engn, Rashtreeya Vidyalaya Coll Engn, Rashtreeya Vidyalaya Vidyaniketh an Post Mysuru Rd, Bengaluru 560059, India; [Venkateshappa, Anjaneyappa] Rashtreeya Vidyalaya Coll Engn, Dept Civil Engn, Rashtreeya Vidyalaya Vidyaniketh an Post Mysuru Rd, Bengaluru 560059	R.V. College of Engineering; Visvesvaraya Technological University; R.V. College of Engineering; Bangalore University; Indian Institute of Technology System (IIT System); Indian Institute of Technology (IIT) - Madras	4	ASCE-AMER SOC CIVIL ENGINEERS			2020	146	3	http://dx.doi.org/10.1061/JPEODX.0000204

J	Rao, S; Devi, SNS; Johns, A; Kalkornsurapranee, E; Aan, MPS; Johns, J		Rao, Shiva; Devi, S. N. Shobha; Johns, Anish; Kalkornsurapranee, Ekwipoo; Aan, Sham M. P.; Johns, Jobish	Mechanical and thermal properties of carbon black reinforced natural rubber/polyvinyl alcohol fully-interpenetrating polymer networks	JOURNAL OF VINYL & ADDITIVE TECHNOLOGY	Article			Nano composite based on fully interpenetrating polymer network (IPN) of natural rubber and polyvinyl alcohol was prepared by reinforcing carbon black (CB) into the IPN matrix. As a common crosslinking agent for both the constituent polymers, glutaraldehyde was used to prepare the fully IPN. Effects of weight fraction of CB on the physical	[Rao, Shiva] SDM Coll, Dept Phys, Ujire, Karnataka, India; [Devi, S. N. Shobha] BMS Coll Women, Dept Phys, Bangalore, Karnataka, India; [Johns, Anish] Columbia Univ, Dept Chem Engn, Fu Fdn Sch Engn & Appl Sci, New York, NY USA; [Kalkornsurapranee, Ekwipoo] Prince Songkla Univ, Dept Mat Sci & Technol	Columbia University; Prince of Songkla University; R.V. College of Engineering	10	WILEY	1083-5601		2018	24		http://dx.doi.org/10.1002/vnl.21560

J	Skariyachan, S; Gopal, D; Deshpande, D; Joshi, A; Uttarkar, A; Niranjan, V		Skariyachan, Sinosh; Gopal, Dharshini; Deshpande, Dhrithi; Joshi, Anusha; Uttarkar, Akshay; Niranjan, Vidya	Carbon fullerene and nanotube are probable binders to multiple targets of SARS-CoV-2: Insights from computational modeling and molecular dynamic simulation studies	INFECTION GENETICS AND EVOLUTION	Article			The present study aimed to predict the binding potential of carbon nanotube and nano fullerene towards multiple targets of SARS-CoV-2. Based on the virulent functions, the spike glycoprotein, RNA-dependent RNA polymerase, main protease, papain-like protease, and RNA binding domain of the nucleocapsid proteins of SARS-CoV-2 were	[Skariyachan, Sinosh] St Pius X Coll, Dept Microbiol, Kasaragod, Kerala, India; [Gopal, Dharshini] Univ Grenoble Alpes, Fac Med & Pharm, Grenoble, France; [Gopal, Dharshini] Manipal Acad Higher Educ, Manipal Sch Life Sci, Dept Bioinformat, Manipal, India; [Deshpande, Dhrithi] Univ Southern Calif, Sch	Communaute Universite Grenoble Alpes; Universite Grenoble Alpes (UGA); Manipal Academy of Higher Education (MAHE); University of Southern California; University of Bonn; R.V. College of Engineering	19	ELSEVIER	1567-1348		2021	96		http://dx.doi.org/10.1016/j.meegid.2021.105155

J	Khanna, V; Singh, K; Kumar, S; Bansal, SA; Channegowda, M; Kong, I; Khalid, M; Chaudhary, V		Khanna, Virat; Singh, Kamaljit; Kumar, Santosh; Bansal, Suneev Anil; Channegowda, Manjunatha; Kong, Ing; Khalid, Mohammad; Chaudhary, Vishal	Engineering Electrical and Thermal Attributes of Two-Dimensional Graphene Reinforced Copper/Aluminium Metal Matrix Composites for Smart Electronics	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	Article			Rising demands for reliable thermally and electrically conductive and stable, lightweight, and mechanically enduring materials in architecting smart electronics have accelerated the research in engineering metal-matrix composites (MMCs). Amongst all, copper (Cu) and aluminium (Al) based MMCs are popular owing to high	[Khanna, Virat; Singh, Kamaljit] Maharaja Agrasen Univ, MAIT, Dept Mech Engn, Barotiwala 174103, HP, India; [Khanna, Virat] Maharaja Agrasen Univ, Ctr Excellence Nanotechnol, Barotiwala 174103, HP, India; [Kumar, Santosh] Chandigarh Grp Coll, Dept Mech Engn, Mohali, Punjab, India; [Bansal, Suneev	R.V. College of Engineering; La Trobe University; Sunway University; Sunway University; University of Delhi; University of Delhi	8	ELECTROCHEMICAL SOC INC	2162-8769		2022	11	12	http://dx.doi.org/10.1149/2162-8777/aca933

J	Thejas, GS; Garg, R; Iyengar, SS; Sunitha, NR; Badrinath, P; Chennupati, S		Thejas, G. S.; Garg, Rameshwar; Iyengar, S. S.; Sunitha, N. R.; Badrinath, Prajwal; Chennupati, Shasank	Metric and Accuracy Ranked Feature Inclusion: Hybrids of Filter and Wrapper Feature Selection Approaches	IEEE ACCESS	Article			Feature selection has emerged as a craft, using which we boost the performance of our learning model. Feature or Attribute Selection is a data preprocessing technique, where only the most informative features are considered and given to the predictor. This reduces the computational overhead and improves the	[Thejas, G. S.] Tarleton State Univ, Texas A&M Univ Syst, Dept Comp Sci & Elect Engn, Stephenville, TX 76401 USA; [Garg, Rameshwar] RV Coll Engn, Dept Comp Sci & Engn, Bengaluru 560059, Karnataka, India; [Iyengar, S. S.; Badrinath, Prajwal] Florida Int Univ, Knight Fdn Sch Comp & Informat Sci, Miami, FL 33199 USA;	Texas A&M University System; Tarleton State University; R.V. College of Engineering; State University System of Florida; Florida International University; Siddaganga Institute of Technology; University of North Carolina	9	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	2169-3536		2021	9		http://dx.doi.org/10.1109/ACCESS.2021.3112169

J	DSouza, GC; Sheriff, RS; Ullanat, V; Shrikrishna, A; Joshi, AV; Hiremath, L; Entoori, K		DSouza, Glen Cletus; Sheriff, Ryna Shireen; Ullanat, Varun; Shrikrishna, Aniruddh; Joshi, Anupama V.; Hiremath, Lingayya; Entoori, Keshamma	Fungal biodegradation of low-density polyethylene using consortium of Aspergillus species under controlled conditions	HELIYON	Article			Low-Density polyethylene is subject to biodegradation using a fungal consortium comprising of Aspergillus niger, Aspergillus flavus and Aspergillus oryzae under laboratory conditions. The extent of biodegradation has been compared with the use of potato dextrose broth and czapek dox broth media and also in the presence	[DSouza, Glen Cletus; Shrikrishna, Aniruddh; Joshi, Anupama V.] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [DSouza, Glen Cletus] Univ Western Ontario, Dept Chem & Biochem Engn, London, ON N6A 5B9, Canada; [Sheriff, Ryna Shireen; Ullanat, Varun; Hiremath, Lingayya]	R.V. College of Engineering; Western University (University of Western Ontario); R.V. College of Engineering; State University System of Florida; University of Florida	31	ELSEVIER SCI LTD			2021	7	5	http://dx.doi.org/10.1016/j.heliyon.2021.e07008

J	Shivakumara, J; Chikkahanumantharayappa; Ashoka, S; Krishna, RH; Vijayakumar, G; Manjunatha, C; Nagabhushana, BM; Nagaraju, G		Shivakumara, J.; Chikkahanumantharayappa; Ashoka, S.; Krishna, R. Hari; Vijayakumar, G.; Manjunatha, C.; Nagabhushana, B. M.; Nagaraju, G.	Elimination of quenching defects by facile anion doping in CdSiO3 synthesized by green fuel assisted combustion method	OPTIK	Article			Despite being simple, and economical method, solution combustion synthesis (SCS) method's applicability in preparation of silicate based phosphors is seriously limited. This is due to the fact that SCS method results in samples with quenching defects. We present a simple one pot synthesis technique for eliminating	[Shivakumara, J.] Govt Sci Coll, Dept Phys, Hassan 573201, India; [Shivakumara, J.; Chikkahanumantharayappa] Bharathiar Univ, Ctr Res & Dev, Coimbatore 641046, Tamil Nadu, India; [Chikkahanumantharayappa] Vivekanandra Degree Coll, Dept Phys, Bangalore 560055, Karnataka, India; [Ashoka, S.] Dayananda	Bharathiar University; Ramaiah Institute of Technology; Bangalore University; R.V. College of Engineering; Siddaganga Institute of Technology	3	ELSEVIER GMBH, URBAN & FISCHER VERLAG	0030-4026		2018	154		http://dx.doi.org/10.1016/j.ijleo.2017.10.066

J	Sharma, K; Melavanki, R; Patil, SS; Kusanur, R; Patil, NR; Shelar, VM		Sharma, Kalpana; Melavanki, Raveendra; Patil, S. S.; Kusanur, Raviraj; Patil, N. R.; Shelar, Vikas M.	Spectroscopic behavior, FMO, NLO and NBO analysis of two novel aryl boronic acid derivatives: Experimental and theoretical insights	JOURNAL OF MOLECULAR STRUCTURE	Article			Here we report, experimental and theoretical determination of ground and excited state dipole moments of aryl boronic acid derivatives, 2-Bromophenyl boronic acid (2BPBA) and 2-Isopropylphenyl boronic acid (2IPBA). In both the compounds, Bathochromicshift is observed with increasing solvent polarity indicating	[Sharma, Kalpana; Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Patil, S. S.] Govt RGSP Coll, Dept Phys, Kittur 591115, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore, Karnataka, India; [Patil, N. R.] BVB Coll Engn & Technol, Dept Phys	Ramaiah Institute of Technology; R.V. College of Engineering; KLE Technological University; M. S. Ramaiah University of Applied Sciences	38	ELSEVIER SCIENCE BV	0022-2860		2019	1181		http://dx.doi.org/10.1016/j.molstruc.2018.12.086

J	Shivakumara, J; Manjunatha, C; Krishna, RH; Ashoka, S; Bhanu, GG; Rao, BM; Venkateswarlu, B; Chikkahanumantharayappa; Khosla, A		Shivakumara, J.; Manjunatha, C.; Krishna, R. Hari; Ashoka, S.; Bhanu, G. Gousiya; Rao, B. Manmadha; Venkateswarlu, B.; Chikkahanumantharayappa; Khosla, Ajit	Study the effect of Zn2+ co-doping on the structural and optical properties of CdSiO3:Eu3+ phosphor	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	Article			The current investigation is aimed to provide a possible route to enhance the photolumine scence (PL) property of phosphors. In the present work, comprehensive studies were done on the structural and PL characteristics of CdSiO3:Eu3+ nanophosphors co-doped with Zn2+. Oxalyldihydrazide (ODH) was used as a fuel to synthesize	[Shivakumara, J.] Govt Sci Coll, Dept Phys, Hassan 573201, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Manjunatha, C.] RV Coll Engn, Ctr Nanomat & Devices CND, Bangalore 560059, Karnataka, India; [Krishna, R. Hari] MS Ramaiah Inst Technol, Dept Chem, Bangalore	R.V. College of Engineering; R.V. College of Engineering; Ramaiah Institute of Technology; VIT-AP University; Yamagata University; Xidian University	0	SPRINGER HEIDELBERG	0947-8396		2022	128	8	http://dx.doi.org/10.1007/s00339-022-05773-w

J	Shivakumara, J; Manjunatha, C; Krishna, RH; Ashoka, S; Chikkahanumantharayappa; Selvaraj, M; Sillanpää, M		Shivakumara, J.; Manjunatha, C.; Krishna, R. Hari; Ashoka, S.; Chikkahanumantharayappa; Selvaraj, Manickam; Sillanpaa, Mika	Enhancement of photoluminescence of Cd0.95Eu0.05SiO3 phosphor using Na+ and K+ charge compensators	CHEMICAL PHYSICS	Article			Despite its high photoluminescence (PL) performance, cadmium silicate (CdSiO3) as a luminescence host has not been comprehensively studied. In this article, we present a simple solution combustion method for the synthesis of Na+ and K+ co-doped Cd0.95Eu0.05SiO3 phosphor. The influence of charge compensators such as	[Shivakumara, J.] Govt Sci Coll, Dept Phys, Hassan 573201, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Manjunatha, C.] Visvesvaraya Technol Univ, Belagavi 590018, India; [Krishna, R. Hari] MS Ramaiah Inst Technol, Dept Chem, Bengaluru 560054, India; [Ashoka, S.]	R.V. College of Engineering; Visvesvaraya Technological University; Ramaiah Institute of Technology; King Khalid University; Ton Duc Thang University; Ton Duc Thang University	3	ELSEVIER	0301-0104		2021	551		http://dx.doi.org/10.1016/j.chemphys.2021.111319

J	Melavanki, R; Kusanur, R; Sadasivuni, KK; Singh, D; Patil, NR		Melavanki, Raveendra; Kusanur, Raviraj; Sadasivuni, Kishor Kumar; Singh, Diksha; Patil, N. R.	Investigation of interaction between boronic acids and sugar: effect of structural change of sugars on binding affinity using steady state and time resolved fluorescence spectroscopy and molecular docking	HELIYON	Article			Binding interactions of boronic acid derivatives viz. 2-Methylphenylboronic acid (B1) and 3-Methoxyphenylboronic acid (B2) with mono saccharides (arabinose, fructose and galactose) and disaccharides (sucrose, lactose and maltose) in aqueous condition at pH 7.4 by means of fluorescence spectroscopy is reported in the present	[Melavanki, Raveendra] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Kusanur, Raviraj] RV Coll Engn, Dept Chem, Bangalore 560059, Karnataka, India; [Sadasivuni, Kishor Kumar] Qatar Univ, Ctr Adv Mat, Doha, Qatar; [Singh, Diksha] MS Ramaiah Univ Appl Sci, Dept Phys	Ramaiah Institute of Technology; R.V. College of Engineering; Qatar University; M. S. Ramaiah University of Applied Sciences; KLE Technological University	13	ELSEVIER SCI LTD			2020	6	10	http://dx.doi.org/10.1016/j.heliyon.2020.e05081

C	Mendi, V; Reddy, NA; Lokeshwari, M; Raghavendra, T; Seelam, JK	Singh, UP; Chahar, BR; Yadav, HRP; Vij, SK	Mendi, Vikas; Reddy, N. Amarnatha; Lokeshwari, M.; Raghavendra, T.; Seelam, Jaya Kumar	What Is the Tidal Energy Potential of Sri Lanka?	URBANIZATION CHALLENGES IN EMERGING ECONOMIES: ENERGY AND WATER INFRASTRUCTURE; TRANSPORTATION INFRASTRUCTURE; AND PLANNING AND FINANCING	Proceedings Paper	American-Society-of-Civil-Engineers (ASCE) India Conference on Urbanization Challenges in Emerging Economies	DEC 12-14, 2017	Tidal inlet is an opening along the coast which facilitates the exchange of water and nutrients. The energy extracted at the tidal inlet using tides is called tidal energy. Tidal energy is reliable and not depleting. Since the density of seawater is 800 times denser than air, the energy extraction is much favorable and reliable resource	[Mendi, Vikas] Natl Inst Technol Karnataka, Mangaluru 560059, India; [Reddy, N. Amarnatha] JNTUA Anantapur, Madanapalle Inst Technol & Sci, Dept Civil Engn, Madanapalle 517325, India; [Lokeshwari, M.; Raghavendra, T.] Visvesvaraya Technol Univ, RV Coll Engn, Dept Civil Engn, Bengaluru 560059, India; [Seelam	National Institute of Technology (NIT System); National Institute of Technology Karnataka; Madanapalle Institute of Technology & Science; Jawaharlal Nehru Technological University - Anantapur;	0	AMER SOC CIVIL ENGINEERS		978-0-7844-8202-5	2018			

J	Lakshmikanthan, A; Bontha, S; Krishna, M; Koppad, PG; Ramprabhu, T		Lakshmikanthan, Avinash; Bontha, Srikanth; Krishna, M.; Koppad, Praveennath G.; Ramprabhu, T.	Microstructure, mechanical and wear properties of the A357 composites reinforced with dual sized SiC particles	JOURNAL OF ALLOYS AND COMPOUNDS	Article			Current work reports on the development of A357 alloy composite which is reinforced with dual size SiC particles by stir casting route. Influence of different weight fractions (3% coarse + 3% fine, 4% coarse + 2% fine, and 2% coarse + 4% fine) of dual size SiC particles on mechanical properties and wear resistance of A357	[Lakshmikanthan, Avinash; Bontha, Srikanth] Natl Inst Technol Karnataka, Dept Mech Engn, Surathkal 575025, Mangaluru, India; [Lakshmikanthan, Avinash] Nitte Meenakshi Inst Technol, Dept Mech Engn, Bengaluru 560064, India; [Krishna, M.] RV Coll Engn, Dept Mech Engn, Bengaluru 560059, India;	National Institute of Technology (NIT System); National Institute of Technology Karnataka; Nitte Meenakshi Institute of Technology; R.V. College of Engineering; Dayananda Sagar College of	71	ELSEVIER SCIENCE SA	0925-8388		2019	786		http://dx.doi.org/10.1016/j.jallcom.2019.01.382

J	Channegowda, M; Mulla, R; Nagaraj, Y; Lokesh, S; Nayak, S; Mudhulu, S; Rastogi, CK; Dunnill, CW; Rajan, HK; Khosla, A		Channegowda, Manjunatha; Mulla, Rafiq; Nagaraj, Yashaswini; Lokesh, Suraj; Nayak, Sachith; Mudhulu, Sudeep; Rastogi, Chandresh Kumar; Dunnill, Charles William; Rajan, Hari Krishna; Khosla, Ajit	Comprehensive Insights into Synthesis, Structural Features, and Thermoelectric Properties of High-Performance Inorganic Chalcogenide Nanomaterials for Conversion of Waste Heat to Electricity	ACS APPLIED ENERGY MATERIALS	Review			Thermoelectrics are energy harvesters that can directly convert waste heat into electrical energy and vice versa. Currently, thermoelectric (TE) devices display lower efficiency as the materials used for construction possess a very low figure of merit (ZT). Therefore, understanding the structural features of materials, finding new	[Mulla, Rafiq; Dunnill, Charles William] Swansea Univ, Energy Safety Res Inst, Swansea SA1 8EN, Wales; [Channegowda, Manjunatha; Nagaraj, Yashaswini; Lokesh, Suraj; Nayak, Sachith] RV Coll Engn, Dept Chem Engn, Bengaluru 560059, India; [Mudhulu, Sudeep] Natl Taiwan Univ, Dept	Swansea University; R.V. College of Engineering; National Taiwan University; Ramaiah Institute of Technology; Xidian University	10	AMER CHEMICAL SOC	2574-0962		2022	5	7	http://dx.doi.org/10.1021/acsaem.2c01353

J	Priya, DD; Elango, G; Roopan, SM; Shanavas, S; Acevedo, R; Golkonda, M; Sridharan, M		Devi Priya, Duraipandi; Elango, Ganesh; Mohana Roopan, Selvaraj; Shanavas, Shajahan; Acevedo, Roberto; Golkonda, Mokeshrayalu; Sridharan, Makuteswaran	Abutilon indicumMediated CuO Nanoparticles: Eco-Approach, Optimum Process of Congo Red Dye Degradation, and Mathematical Model for Multistage Operation	CHEMISTRYSELECT	Article			CuO NPs were planned to synthesize usingAbutilon indicum(A. indicum) leaf aqueous extract as an ecofriendly source without any harmful chemicals like other physio-chemical methods. The ecofriendly synthesized shape controlled CuO NPs is further processed for several characterization tools to identify the morphology	[Devi Priya, Duraipandi; Elango, Ganesh; Mohana Roopan, Selvaraj] Vellore Inst Technol, Sch Adv Sci, Dept Chem, Chem Heterocycles & Nat Prod Res Lab, Vellore 632014, Tamil Nadu, India; [Elango, Ganesh] SRM Med Coll & Res Ctr, SRM Inst Sci & Technol, Sch Publish Hlth, Kattankulathur 603203	Vellore Institute of Technology (VIT); VIT Vellore; SRM Institute of Science & Technology Chennai; Periyar University; Universidad San Sebastian; Vellore Institute of Technology (VIT); VIT Vellore; R.V. College	7	WILEY-V C H VERLAG GMBH	2365-6549		2020	5	28	http://dx.doi.org/10.1002/slct.202000588

J	Swamy, PK; Mylaraiah, S; Chandrashekarappa, MPG; Lakshmikanthan, A; Pimenov, DY; Giasin, K; Krishna, M		Swamy, Praveen Kumar; Mylaraiah, Shantharaja; Chandrashekarappa, Manjunath Patel Gowdru; Lakshmikanthan, Avinash; Pimenov, Danil Yurievich; Giasin, Khaled; Krishna, Munishamaiah	Corrosion Behaviour of High-Strength Al 7005 Alloy and Its Composites Reinforced with Industrial Waste-Based Fly Ash and Glass Fibre: Comparison of Stir Cast and Extrusion Conditions	MATERIALS	Article			The stringent demand to develop lightweight materials with enhanced properties suitable for various engineering applications is the focus of this research work. Industrial wastes such as fly ash (FA) and S-glass-fibres (GF) were used as reinforcement materials for high-strength alloy, i.e., Al 7005. Stir casting routes were employed for	[Swamy, Praveen Kumar; Mylaraiah, Shantharaja] Univ Visvesvaraya Coll Engn, Dept Mech Engn, Bengaluru 560056, India; [Chandrashekarappa, Manjunath Patel Gowdru] Visvesvaraya Technol Univ, PES Inst Technol & Management, Dept Mech Engn, Belagavi 590018, India; [Lakshmikanthan, Avinash]	Visvesvaraya Technological University; Nitte Meenakshi Institute of Technology; Visvesvaraya Technological University; South Ural State University; University of Portsmouth; R.V. College of Engineering	27	MDPI			2021	14	14	http://dx.doi.org/10.3390/ma14143929

J	Ahmad, S; Bhanu, P; Kumar, J; Pathak, RK; Mallick, D; Uttarkar, A; Niranjan, V; Mishra, V		Ahmad, Shaban; Bhanu, Piyush; Kumar, Jitendra; Pathak, Ravi Kant; Mallick, Dharmendra; Uttarkar, Akshay; Niranjan, Vidya; Mishra, Vachaspati	Molecular dynamics simulation and docking analysis of NF-κB protein binding with sulindac acid	BIOINFORMATION	Article			It is of interest to document the Molecular Dynamics Simulation and docking analysis of NF-kappa B target with sulindac sodium in combating COVID-19 for further consideration. Sulindac is a nonsteroidal anti-inflammatory drug (NSAID) of the arylalkanoic acid class that is marketed by Merck under the brand name	[Ahmad, Shaban] Int Ctr Genet Engn & Biotechnol, Aruna Asaf Ali Marg, New Delhi 110067, India; [Ahmad, Shaban] Jamia Milia Islamia, Dept Comp Sci, New Delhi 110025, India; [Bhanu, Piyush] Bangalore Bioinnovat Ctr, Xome Life Sci, Helix Biotech Pk, Bengaluru 560100, Karnataka, India; [Kumar, Jitendra] Bangalore Professi	Department of Biotechnology (DBT) India; International Center for Genetic Engineering & Biotechnology (ICGEB); International Center for Genetic Engineering & Biotechnology (ICGEB), New Delhi; Jamia Millia Islamia; Lovely	23	BIOMEDICAL INFORMATICS	0973-8894		2022	18	3	http://dx.doi.org/10.6026/97320630018170

J	Joglekar, PV; Gladen, RW; Chirayath, VA; Fairchild, AJ; Kalaskar, S; Shastry, K; Dong, Q; Hulbert, SL; Bartynski, RA; Werner, WSM; Weiss, AH		Joglekar, P., V; Gladen, R. W.; Chirayath, V. A.; Fairchild, A. J.; Kalaskar, S.; Shastry, K.; Dong, Q.; Hulbert, S. L.; Bartynski, R. A.; Werner, W. S. M.; Weiss, A. H.	Measurement of the full electron spectrum associated with the Ag N3VV Auger transitions: Evidence for the contribution of multi-electron Auger processes	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA	Article			We report the first measurement of the full energy spectrum (down to 0 eV) of electrons emitted from the surface of Ag(100) as a result of the N3VV Auger transition. A comparison with a Monte-Carlo model was used to obtain an estimate of the contribution of multi-electron Auger processes to the low energy part	[Joglekar, P., V; Gladen, R. W.; Chirayath, V. A.; Fairchild, A. J.; Kalaskar, S.; Shastry, K.; Weiss, A. H.] Univ Texas Arlington, Dept Phys, Arlington, TX 76019 USA; [Joglekar, P., V] Symbiosis Skills & Open Univ, Adjoining Mumbai Pune Express Highway, Pune 412101, Maharashtra, India; [Shastry, K.] RV	University of Texas System; University of Texas Arlington; R.V. College of Engineering; United States Department of Energy (DOE); Brookhaven National Laboratory; Rutgers University System; Rutgers University New Brunswick;	5	ELSEVIER	0368-2048		2019	235		http://dx.doi.org/10.1016/j.elspec.2019.06.006

J	Romero, ME; Long, CH; La Rocco, D; Keerthi, AM; Xu, DJ; Yu, J		Romero, Moises Ernesto; Long, Chunhong; La Rocco, Daniel; Keerthi, Anusha Mysore; Xu, Dajun; Yu, Jin	Probing remdesivir nucleotide analogue insertion to SARS-CoV-2 RNA dependent RNA polymerase in viral replication	MOLECULAR SYSTEMS DESIGN & ENGINEERING	Article			Remdesivir (RDV) prodrug can be metabolized into a triphosphate form nucleotide analogue (RDV-TP) to bind and insert into the active site of viral RNA dependent RNA polymerase (RdRp) to further interfere with viral genome replication. In this work, we computationally studied how RDV-TP binds and inserts to the SARS-CoV-	[Romero, Moises Ernesto] Univ Calif Irvine, Dept Chem, Irvine, CA 92697 USA; [Long, Chunhong] Chongqing Univ Posts & Telecommun, Sch Sci, Chongqing 400065, Peoples R China; [La Rocco, Daniel] Univ Calif Berkeley, Dept Phys, Berkeley, CA 94720 USA; [Keerthi, Anusha Mysore] RV Coll Engn, Dept Biotechnol	University of California System; University of California Irvine; Chongqing University of Posts & Telecommunications; University of California System; University of California Berkeley; R.V. College of Engineering; Universi	11	ROYAL SOC CHEMISTRY	2058-9689		2021	6	11	http://dx.doi.org/10.1039/d1me00088h

J	Melavanki, R; Sharma, K; Yallur, BC; Kusanur, R; Sadasivuni, KK; Singh, D; Mane, S; Katagi, K; Pattar, SV		Melavanki, Raveendra; Sharma, Kalpana; Yallur, Basappa Chanabasapa; Kusanur, Raviraj; Sadasivuni, Kishor Kumar; Singh, Diksha; Mane, Smita; Katagi, Kariyappa; Pattar, Shridhar, V	Understanding the binding interaction between phenyl boronic acid P1 and sugars: determination of association and dissociation constants using S-V plots, steady-state spectroscopic methods and molecular docking	LUMINESCENCE	Article			Continuous monitoring of glucose and sugar sensing plays a vital role in diabetes control. The drawbacks of the present enzyme-based sugar sensors have encouraged the investigation into alternate approaches to design new sensors. The popularity of fluorescence sensors is due to their ability to bind reversibly	[Melavanki, Raveendra; Sharma, Kalpana] MS Ramaiah Inst Technol, Dept Phys, Bangalore, Karnataka, India; [Melavanki, Raveendra; Sharma, Kalpana; Yallur, Basappa Chanabasapa; Kusanur, Raviraj] Visvesvaraya Technol Univ, Belagavi, Karnataka, India; [Yallur, Basappa Chanabasapa] MS Ramaiah Inst Technol	Ramaiah Institute of Technology; Visvesvaraya Technological University; Ramaiah Institute of Technology; R.V. College of Engineering; Qatar University; M. S. Ramaiah University of Applied Sciences	3	WILEY	1522-7235		2021	36	1	http://dx.doi.org/10.1002/bio.3931

J	Selvaraj, M; Assiri, MA; Rokhum, SL; Manjunatha, C; Appaturi, JN; Murugesan, S; Bhaumik, A; Subrahmanyam, C		Selvaraj, Manickam; Assiri, Mohammed A.; Rokhum, Samuel Lalthazuala; Manjunatha, C.; Appaturi, Jimmy Nelson; Murugesan, Sepperumal; Bhaumik, Asim; Subrahmanyam, Ch	Solvent-free benzylic oxidation of aromatics over Cu(ii)-containing propylsalicylaldimine anchored on the surface of mesoporous silica catalysts	DALTON TRANSACTIONS	Article			A sustainable method was used to produce aromatic ketones by the solvent-free benzylic oxidation of aromatics over mesoporous Cu(ii)-containing propylsalicylaldimine anchored on the surface of Santa Barbara Amorphous type material-15 (CPSA-SBA-15) catalysts. For comparison, mesoporous Cu(ii)-	[Selvaraj, Manickam; Assiri, Mohammed A.] King Khalid Univ, Fac Sci, Dept Chem, Abha 61413, Saudi Arabia; [Rokhum, Samuel Lalthazuala] Natl Inst Technol Silchar, Dept Chem, Silchar 788010, Assam, India; [Manjunatha, C.] RV Coll Engn, Dept Chem, Bengaluru 560059, India; [Manjunatha, C.] RV Coll Engn	King Khalid University; National Institute of Technology (NIT System); National Institute of Technology Silchar; R.V. College of Engineering; R.V. College of Engineering; Universiti Sains Malaysia;	1	ROYAL SOC CHEMISTRY	1477-9226		2021	50	42	http://dx.doi.org/10.1039/d1dt01760h

J	Lakshmikanthan, A; Prabhu, TR; Babu, US; Koppad, PG; Gupta, M; Krishna, M; Bontha, S		Lakshmikanthan, Avinash; Prabhu, T. Ram; Babu, Udayagiri Sai; Koppad, Praveennath G.; Gupta, Manoj; Krishna, Munishamaiah; Bontha, Srikanth	The effect of heat treatment on the mechanical and tribological properties of dual size SiC reinforced A357 matrix composites	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	Article			In the present work, the effect of aging temperature and particle size ratio of SiC particles on the mechanical and tribological properties of A357 composites reinforced with dual particle size SiC were investigated. The composites were prepared by melt-stirring assisted permanent mold casting technique with	[Lakshmikanthan, Avinash; Bontha, Srikanth] Natl Inst Technol, Dept Mech Engn, Surathkal 575025, India; [Lakshmikanthan, Avinash] Nitte Meenakshi Inst Technol, Dept Mech Engn, Bangalore 560064, Karnataka, India; [Prabhu, T. Ram] Def R&D Org, CEMILAC, Bangalore 560093, Karnataka, India; [Babu	National Institute of Technology (NIT System); National Institute of Technology Karnataka; Nitte Meenakshi Institute of Technology; Defence Research & Development Organisation (DRDO); Center for	44	ELSEVIER	2238-7854		2020	9	3	http://dx.doi.org/10.1016/j.jmrt.2020.04.027

J	Chaudhary, V; Channegowda, M; Ansari, SA; Rajan, HK; Kaushik, A; Khanna, V; Zhao, ZH; Furukawa, H; Khosla, A		Chaudhary, Vishal; Channegowda, Manjunatha; Ansari, Sajid Ali; Rajan, Hari Krishna; Kaushik, Ajeet; Khanna, Virat; Zhao, Zhenhuan; Furukawa, Hidemitsu; Khosla, Ajit	Low-trace monitoring of airborne sulphur dioxide employing SnO2-CNT hybrids-based energy-efficient chemiresistor	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	Article			Room temperature low-trace detection (lower than 2 ppm) of sulphur dioxide (SO2) through compact, economic and sustainable chemiresistor has created a large demand-supply gap in sensor market. For the first time, this communication reports the room-temperature detection of 1 ppm of airborne SO2 utilizing tin-oxide	[Chaudhary, Vishal] Univ Delhi, Bhagini Nivedita Coll, Res Cell, New Delhi 110045, India; [Channegowda, Manjunatha] RV Coll Engn, Ctr Nanomat & Devices, Dept Chem, Bengaluru 560059, India; [Ansari, Sajid Ali] King Faisal Univ, Coll Sci, Dept Phys, POB 400, Al Hufuf 31982, Al Ahsa, Saudi Arabia; [Rajan, Hari	University of Delhi; R.V. College of Engineering; King Faisal University; Ramaiah Institute of Technology; Florida Polytechnical University; University of Petroleum & Energy Studies (UPES); Xidian University; Yamaga	13	ELSEVIER	2238-7854		2022	20		http://dx.doi.org/10.1016/j.jmrt.2022.07.159

J	Patel, C; Bhatt, D; Sharma, U; Patel, R; Pandya, S; Modi, K; Cholli, N; Patel, A; Bhatt, U; Khan, MA; Majumdar, S; Zuhair, M; Patel, K; Shah, SA; Ghayvat, H		Patel, Chirag; Bhatt, Dulari; Sharma, Urvashi; Patel, Radhika; Pandya, Sharnil; Modi, Kirit; Cholli, Nagaraj; Patel, Akash; Bhatt, Urvi; Khan, Muhammad Ahmed; Majumdar, Shubhankar; Zuhair, Mohd; Patel, Khushi; Shah, Syed Aziz; Ghayvat	DBGC: Dimension-Based Generic Convolution Block for Object Recognition	SENSORS	Article			The object recognition concept is being widely used a result of increasing CCTV surveillance and the need for automatic object or activity detection from images or video. Increases in the use of various sensor networks have also raised the need of lightweight process frameworks. Much research has been carried out in this area	[Patel, Chirag; Sharma, Urvashi; Patel, Khushi] Charotar Univ Sci & Technol CHARUSAT, Fac Technol & Engn FTE, Devang Patel Inst Adv Technol & Res DEPSTAR, Dept Comp Engn, CHARUSAT Campus, Changa 388421, India; [Bhatt, Dulari] Parul Univ, Vadodara 382030, Gujarat, India; [Patel	Charotar University of Science & Technology - Charusat; Parul University; Charotar University of Science & Technology - Charusat; Symbiosis International University; Symbiosis Institute of Technology	29	MDPI			2022	22	5	http://dx.doi.org/10.3390/s22051780

J	Lokeshwari, M; Sagar, PV; Kumar, KD; Thirupathy, D; Subbiah, R; Ganeshan, P; Seikh, AH; Mohammed, SMAK; Christopher, D		Lokeshwari, M.; Sagar, P. Vidya; Kumar, K. Dilip; Thirupathy, D.; Subbiah, Ram; Ganeshan, P.; Seikh, A. H.; Mohammed, S. M. A. K.; Christopher, David	Optimization and Tribological Properties of Hybridized Palm Kernel Shell Ash and Nano Boron Nitride Reinforced Aluminium Matrix Composites	JOURNAL OF NANOMATERIALS	Article			The tribological properties of hybridized reinforced aluminium matrix composites were optimized using Taguchi and Grey Relational Analysis in conjunction with an L16 orthogonal array. The combination of palm kernel shell ash (PKSA) (0-5 wt. %) along with nano BN reinforcements was taken in interest. Loads and speeds (500, 750	[Lokeshwari, M.] RV Coll Engn, Dept Civil Engn, Bengaluru 560059, Karnataka, India; [Sagar, P. Vidya] Koneru Lakshmaiah Educ Fdn, Dept Comp Sci & Engn, Vaddeswaram 522502, Andhra Pradesh, India; [Kumar, K. Dilip] Lakireddy Bali Reddy Coll Engn, Dept Mech Engn, Mylavaram 521230, Andhra Pradesh, India;	R.V. College of Engineering; Koneru Lakshmaiah Education Foundation (K L Deemed to be University); Saveetha Institute of Medical & Technical Science; Saveetha School of Engineering; Gokaraju	1	HINDAWI LTD	1687-4110		2022	2022		http://dx.doi.org/10.1155/2022/8479012

J	Melavanki, R; Sharma, K; Muttannavar, VT; Kusanur, R; Katagi, K; Patra, SM; Umapathy, S; Sadasivuni, KK; Shelar, VM; Singh, D; Patil, NR; Koppal, VV		Melavanki, Raveendra; Sharma, Kalpana; Muttannavar, V. T.; Kusanur, Raviraj; Katagi, Kariyappa; Patra, Swarna M.; Umapathy, Siva; Sadasivuni, Kishor Kumar; Shelar, Vikas M.; Singh, Diksha; Patil, N. R.; Koppal, Varsha V.	Quantum chemical computations, fluorescence spectral features and molecular docking of two biologically active heterocyclic class of compounds	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	Article			This work is an effort for determination of excited and ground state values of dipole moments and also for quantum chemical computation of two biologically active heterocyclic class of compounds namely of 3-[2-Oxo-2(2-oxo-2-H-chromen-3-yl)-ethylidene]-1,3-dihydro-indol-2-one (3OCE) and 3-[2-Oxo-2-(3-oxo-3H-benzo[f]chromen-2-yl)-ethylidene]-1,3-dihydro-	[Melavanki, Raveendra; Sharma, Kalpana] MS Ramaiah Inst Technol, Dept Phys, Bangalore 560054, Karnataka, India; [Melavanki, Raveendra] MS Ramaiah Inst Technol, Ctr Excellence Imaging Technol, Bangaluru 560054, Karnataka, India; [Muttannavar, V. T.] JSS Sci RSH PU Coll, Dept Phys, Dharwad	Ramaiah Institute of Technology; Ramaiah Institute of Technology; R.V. College of Engineering; Karnatak University; Indian Institute of Science (IISC) - Bangalore; Qatar University; M. S. Ramaiah	6	ELSEVIER SCIENCE SA	1010-6030		2021	404		http://dx.doi.org/10.1016/j.jphotochem.2020.112956

J	Yashwanth, HJ; Rondiya, SR; Dzade, NY; Hoye, RLZ; Choudhary, RJ; Phase, DM; Dhole, SD; Hareesh, K		Yashwanth, H. J.; Rondiya, Sachin R.; Dzade, Nelson Y.; Hoye, Robert L. Z.; Choudhary, Ram J.; Phase, Deodatta M.; Dhole, Sanjay D.; Hareesh, K.	Improved photocatalytic activity of TiO2 nanoparticles through nitrogen and phosphorus co-doped carbon quantum dots: an experimental and theoretical study	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Article			In this work, we develop a photocatalyst wherein nitrogen and phosphorus co-doped carbon quantum dots are scaffolded onto TiO2 nanoparticles (NPCQD/TiO2), denoted as NPCT hereafter. The developed NPCT photocatalyst exhibits an enhanced visible light photocatalytic hydrogen production of 533 mu mol h(-1)	[Yashwanth, H. J.] REVA Univ, Sch Appl Sci Phys, Bengaluru 560064, India; [Rondiya, Sachin R.; Hoye, Robert L. Z.] Imperial Coll London, Dept Mat, Exhibit Rd, London SW7 2AZ, England; [Rondiya, Sachin R.] Indian Inst Sci IISc, Dept Mat Engn, Bengaluru 560012, Karnataka, India; [Dzade, Nelson Y.] Cardiff	REVA University; Imperial College London; Indian Institute of Science (IISC) - Bangalore; Cardiff University; Pennsylvania Commonwealth System of Higher Education (PCSHE); Pennsylvania State University; Pennsylvania	14	ROYAL SOC CHEMISTRY	1463-9076		2022	24	25	http://dx.doi.org/10.1039/d2cp01405j