

QUARTILE RANKING DETAILS (2018-2024)										
Quartile 1										
Sl.No.	Authors Name	Paper Title	Journal Name	Volume	Page Numbers	Publisher Name	Impact Factor	Year of Publication	Month of Publication	Indexing
1	Siddheshwar P. G. and Sakshath T. N	Effect of rotation on Brinkman-Bénard convection of a Newtonian nanoliquid using local thermal non-equilibrium model	Thermal Science and Engineering Progress	25	100994	Elsevier	5.4	2021	October	Scopus, WoS (SCIE)
2	Sakshath T. N. and Siddheshwar P.G.	Exploration of the effects of anisotropy and rotation on Rayleigh-Bénard convection of nanoliquid-saturated porous medium using general boundary conditions	International Journal of Ambient Energy	45	2368103	Taylor and Francis	1.74	2024	July	Scopus, WoS (SCIE)
3	Lakshmi Satya Vani Narayanam and Satish V. Motammanavar	On computing Banzhaf power index for k-edge connectivity in graphs	Social Network Analysis and Mining	12	16, 1-7	Springer	2.3	2022	October	Scopus, WoS (SCIE)
4	Kiran Kumar D L, Sangamesh and Raghunatha K R	Linear and weakly nonlinear multi-diffusive convection in a Navier-Stokes-Voigt fluid layer	Arab Journal of Basic and Applied Sciences	31	629-649	Taylor and Francis	1.312	2024	September	Scopus, WoS (SCIE)
5	Kiran Kumar D L, Suma N, Raghunatha K R	Impact of magnetic field and radiation on Casson fluid flow and heat transfer over a 3D exponentially expanding sheet using the Bernoulli wavelet method	Arab Journal of Basic and Applied Sciences	32	111-130	Taylor and Francis	1.312	2025	June	Scopus, WoS (SCIE)
6	Suma N, Raghunatha K R and Kiran Kumar D L	Cross diffusion effects on MHD double diffusive viscous flow through Hermite wavelet method	Journal of Umm Al-Qura University for Applied Sciences	10	746-763	Springer	1.2	2024	August	Scopus
7	Sujatha A., Govindaraju L., Shivakumar N., Devaraj V.	Fuzzy Knowledge Based System for Suitability of Soils in Airfield Applications,	Civil Engineering Journal	7	140-152	Salehan Institute of Higher Education	4.9	2021	September	Scopus, WoS (SCIE)
8	Niranjana, V., Uttarkar, A., Murali, K.; Niranjana, S., Jayalatha, G. Kumar, J.	Mycobacterium Time-Series Genome Analysis Identifies AAC2' as a Potential Drug Target with Naloxone Showing Potential Bait Drug Synergism	Molecules	27, 6150	1-21	MDPI	4.927	2022	September	
9	B. Hemanthkumar	On 4^α -regular overpartitions modulo powers of 2	Ramanujan Journal	66	1-21	Springer	0.6	2025	January	Scopus, WoS (SCIE)
Quartile 2										
Sl.No.	Authors Name	Paper Title	Journal Name	Volume	Page Numbers	Publisher Name	Impact Factor	Year of Publication	Month of Publication	Indexing
1	Siddheshwar P. G. and Sakshath T. N	Steady finite-amplitude Rayleigh-Bénard convection of ethylene glycol-copper nanoliquid in a high porosity medium	Journal of thermal analysis and calorimetry	143	485-502	Springer	3	2020	January	Scopus, WoS (SCIE)
2	T. N. Sakshath and Arundhati P Joshi	Effect of horizontal pressure gradient on the onset of Darcy-Brinkman convection of water-alumina nanoliquid-saturated porous medium using local thermal non-equilibrium model	Heat Transfer	50	1631-1657	Wiley	2.6	2020	September	Scopus, WoS (ESCI)
3	Jayalatha G. and Suma N.	Nonlinear Rotating Viscoelastic Liquid Convection with Temperature Modulation	Heat Transfer	49	4543-4566	Wiley	2.6	2020	December	Scopus, WoS(ESCI)
4	Jayalatha G. and Suma N.	Effect of Heat Source on Rayleigh-Bénard Convection in Rotating Viscoelastic Liquids	Heat Transfer	50	7672-7690	Wiley	2.6	2021	July	Scopus, WoS(ESCI)
5	Siddabasappa C. & T. N. Sakshath	Effect of thermal non-equilibrium and internal heat source on Brinkman-Bénard convection	Physica A: Statistical Mechanics and its Applications	566	125617	Elsevier	3.1	2021	March	Scopus, WoS (SCIE)
6	Siddabasappa C. & T. N. Sakshath	Impact of thermal non-equilibrium on magnetoconvection in a porous enclosure	Journal of Thermal Analysis and Calorimetry	147	14539-14553	Springer	3	2022	September	Scopus, WoS (SCIE)
7	T. N. Sakshath and Hemanth Kumar C	Mixed convection in a liquid-saturated densely packed porous medium using local thermal non-equilibrium model	European Physical Journal-Plus	138	1-25	Springer	2.8	2023	August	Scopus, WoS (SCIE)
8	T. N. Sakshath, Mahesha Narayana, P. G. Siddheshwar, Shekar M	Effect of general boundary conditions on Brinkman-Bénard convection of a Newtonian nanoliquid using LTNE model	Journal of Nanofluids	14	59-68	American Scientific Publishers	2.7	2025	February	Scopus, WoS (ESCI)
9	Siddabasappa C., Babitha, Bhavya K. and Sakshath T.N.	A study on regular and chaotic convection in an anisotropic porous cavity	Chinese Journal of Physics	(In press, Journal pre-proof)		Elsevier	4.6	2025	April	Scopus, WoS (SCIE)
10	Niranjana P. K. and Srinivasa Rao Kola	On the radio number for corona of paths and cycles	AKCE International Journal of Graphs and Combinatorics	17	269-275	Taylor and Francis	1	2020	March	Scopus, WoS
11	Srinivasa Rao Kola, Balakrishna Gudla and Niranjana P. K	Some classes of trees with maximum number of holes two	AKCE International Journal of Graphs and Combinatorics	17	16-24	Taylor and Francis	1	2020	March	Scopus, WoS
12	Niranjana P. K. and Srinivasa Rao Kola	On the radio number for corona of paths and cycles	AKCE International Journal of Graphs and Combinatorics	16	230-235	Taylor and Francis	1	2019	March	Scopus, WoS
13	Sulochana Chalavadi ,T.Prasanna Kumar	Electromagnetohydrodynamic boundary layer flow in hybrid nanofluid with thermal radiation effect: Numerical simulation	Heat Transfer	51	4485-4503	Wiley	2.6	2022	March	Scopus, WoS (ESCI)
14	T.Prasanna Kumar and Uma M S	MHD Casson nanofluid flow over a stretching surface with melting heat transfer condition	Heat Transfer	51	7328-7347	Wiley	2.6	2022	July	Scopus, WoS (ESCI)
15	Sulochana Chalavadi ,T.Prasanna Kumar	Enhancing heat transfer with 50%-50% water-ethylene glycol hybrid nanofluid flow over a nonlinear stretching sheet	Journal of Applied Mathematics and Mechanics	103	Issue 12	Wiley	3.2	2023	July	Scopus, WoS (SCIE)
16	J.Pavithra,NV Raju,SN Sridhara and T.Prasanna Kumar	Insights of thermal characteristics with tri-hybrid nanofluid boundary layer flow past a thin needle	Numerical heat transfer Part A : Applications			Taylor and Francis	2.8	2024	June	Scopus, WoS (SCIE)

17	J.Pavithra,NV Raju,SN Sridhara and T.Prasanna Kumar	Optimization of heat transport in nanofluid with nanoparticle aggregation and Marangoni convection effects: artificial neural network approach	Journal of thermal analysis and calorimetry	150	3383-3401	Springer	3	2025	January	Scopus, WoS (SCIE)
18	Ala Amouraha, Basem Aref Frasinb, Sondekola Rudra Swamy, Yerragunta Sailaja	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	27	105-117		0.394	2022		Scopus
19	Sondekola Rudra Swamy , Alina Alb Lupas , Nanjundan Magesh and Yerragunta Sailaja	Properties of a Special Holomorphic Function Linked with a Generalized Multiplier Transformation	Mathematics	11	1-10		0.498	2023	September	Scopus
20	Sekhar, G. N., Jayalatha, G. and Prakash R.	Thermal Convection in Variable Viscosity Ferromagnetic Liquids with Heat Source	International Journal Applied & Computational Mathematics	3	3539-3559	Springer	0.372	2017	December	Scopus, WoS, SCIE
21	H G Nagaraja and D L Kiran Kumar	Ricci solitons in Kenmotsu manifold under generalized D-Conformal deformation	Lobachevskii Journal of Mathematics	40	195-200	Springer	0.8	2019	November	Scopus, WoS, SCIE
22	D L Kiran Kumar and H G Nagaraja	Ricci solitons and gradient Ricci solitons in Lorentzian trans-Sasakian manifolds	Bangmod Int. J. Math and Com. Sci.	4	65-73	The Center of Excellence in Theoretical and Computational Science (TaCS-CoE), KMUTT		2019	November	Scopus
23	Vinod Y, Raghunatha K R and Kiran Kumar D L,	Application of differential transformation and hermite wavelet methods for micropolar flow through a permeable channel	Heat transfer	52	3094-3118	Wiley	2.6	2023	September	Scopus, WoS (ESCI)
24	Vinod Y, Suma N, Sangamesh, Raghunatha K R and Kiran Kumar D L,	Unsteady triple diffusive oscillatory flow in a Voigt fluid	Journal of Mathematical Chemistry	62	1287-1307	Springer	1.7	2024	November	Scopus, WOS, SCIE
25	B. Hemanthkumar	Congruence properties of coefficients of the eighth order mock theta function	Ramanujan journal	57	189-213	Springer	0.6	2022		Scopus, WOS, SCIE
26	Sujatha A, Suguna R	Traffic Congestion Detection and Alternative Route Provision Using Machine Learning and IoT-Based Surveillance	Journal of Machine and Computing	3	475 - 485	AnaPub Publications	4.4	2023	October	Scopus
27	B. Hemanthkumar and D. S. Gireesh	On 5^k regular partitions modulo powers of 5,	Bulletin of Australian Mathematical Society			Cambridge University Press	0.6	2025		Scopus, WOS, SCIE
28	D. Vyshnavi and B. Chaluvaraju	Generalized Transmission Neighbor Indices: Graph connectivity Analysis and its Chemical Relevance	Journal of Mathematical Chemistry	62	887-901	Springer Nature	1.7	2024	December	Scopus, WOS, SCIE
29	Jayalatha G, Nivya Muchikel.	Modulated gravity effects on nonlinear convection in viscoelastic ferromagnetic fluids between two horizontal parallel plates	Heat Transfer	50	4328-4341	Wiley	2.6	2021	July	Scopus, WoS(ESCI)

Quartile 3

Sl.No.	Authors Name	Paper Title	Journal Name	Volume	Page Numbers	Publisher Name	Impact Factor	Year of Publication	Month of Publication	Indexing
1	Rajesh S, Ravi K M., et al.	The CFD Analysis of a CI engine's combustion properties as it runs on chicken fat biodiesel at various compression ratios	Journal of Propulsion Technology	45	1859-1871	Propulsion Technology	0.38	2024	MAY	
2	Srinivasa Rao Kola, Balakrishna Gudla and Niranjan P. K	L(2,1)-coloring and its Related Problems for Mycielskians of Certain Classes of Graphs	Discrete Mathematics, Algorithms and Applications	--	--	World Scientific	0.6	2025	January	SCOPUS, WoS
3	Siddabasappa C. and Sakshath T. N.	Stability Analyses of Brinkman-Bénard Convection in Hybrid-Nanofluid Saturated-Porous Medium Using Local Thermal Non-equilibrium Model	International Journal of Applied and Computational Mathematics	10	29-52	Springer	1.77	2024	Jan	Scopus
4	P. G. Siddheshwar and T. N. Sakshath	Study of Rayleigh-Bénard convection of a Newtonian nanofluid in a high porosity medium using local thermal non-equilibrium model	International Journal of Applied and Computational Mathematics	5	1-35	Springer	1.77	2019	November	Scopus
5	Niranjan P. K. and Srinivasa Rao Kola	The Radio k-chromatic Number for Corona of Graphs	Asian-European Journal of Mathematics	16	1-15	World Scientific	0.5	2023	Jan	SCOPUS, WoS
6	Niranjan P. K. and Srinivasa Rao Kola	On the radio k-chromatic number of some classes of trees	International Journal of Applied and Computational Mathematics	6	1-14	Springer		2020	Jan	SCOPUS, WoS
7	Srinivasa Rao Kola, Balakrishna Gudla and Niranjan P. K	Infinitely Many Trees with Maximum Number of Holes Zero, One, and Two	Journal of Applied Mathematics	2018	1-14	Hindawi/Wiley Online	1.3	2018	Jan	SCOPUS, WoS
8	Sulochana Chalavadi, Sultana Begum and T.Prasanna Kumar	MHD Mixed Convective Non-Newtonian Stagnation Point Flow over an Inclined Stretching Sheet: Numerical Simulation	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences,	102	72-84	Semarakilmu	2.4	2023	February	Scopus
9	Sulochana Chalavadi , T.Prasanna Kumar	Heat Transfer of SWCNT-MWCNT Based Hybrid Nanofluid Boundary Layer Flow with Modified Thermal Conductivity Model	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences,	92	13-24	Semarakilmu	2.4	2022	April	Scopus
10	Sulochana Chalavadi ,T.Prasanna Kumar	Regression modelling of hybrid nanofluid flow past an exponentially stretching/shrinking surface with heat source-sink effect	Materials Today: Proceedings Journal	54	669-676	Elsevier	0.66	2021	March	Scopus
11	Sondekola Rudra Swamy, Serap Bulut, Yerragunta Sailaja	Some special families of holomorphic and Sălăgean type bi-univalent functions associated with Horadam polynomials involving a modified sigmoid activation function	Haceteppe Journal of Mathematics & Statistics	50(3)	710-720		0.9	2021		Scopus

12	S R Swamy and Y Sailaja	On the Fekete-Szegő coefficient functional for quasi-subordination class	Palestine Journal of Mathematics	10(2) ,	666-672		0.374	2021		Scopus
13	Basem A. Frasin, Yerragunta Sailaja, Sondekola R. Swamy, and Abbas K. Wanas	coefficients bounds for a family of bi-univalent functions defined by Horadam polynomials	ACTA ET COMMENTATIONES UNIVERSITATIS TARTUENSIS DE MATHEMATICA	26	25-32		0.277	2022	June	Scopus
14	B. Hemanthkumar, Sumanth Bharadwaj H.S. and M.S. Mahadeva Naika,	Arithmetic Properties of 9-Regular Partitions with Distinct Odd Parts	Acta Mathematica Vietnamica	44	797-811	Springer	0.3	2019		Scopus, WOS
15	B. Hemanthkumar, D. Ranganath and Sumanth Bharadwaj H. S	On eight colour partitions	Indian Journal of Pure and Applied Mathematics	51	1843-1856	Springer	0.4	2020		Scopus, WOS, SCIE
16	B. Hemanthkumar and S. Chandankumar	New Congruence Modulo Small Powers of 2 for Overpartitions into Odd Parts	, Matematički vesnik	73	141-148	Mathematical Society of Serbia	0.4	2021		Scopus, WOS
17	Uppara Manjulamma, H. G. Nagaraja and D. L. Kiran Kumar,	Ricci operator in a Hopf real hypersurfaces of complex space form	Journal of physics	1597	12-49	IOP	0.56	2020	July	Scopus
18	S. Chandankumar and B. Hemanthkumar	P.Q "mixed" modular equations of degree 15	Afrika Matematika	34	14	Springer	0.823	2023		Scopus
19	D. S. Gireesh and B. Hemanthkumar	Partition - theoretic interpretation for certain truncated series	, Journal of integer sequences	26		University of Waterloo	0.45	2023		Scopus, WOS
19	Uppara Manjulamma, H. G. Nagaraja and D. L. Kiran Kumar	Generalized complex space forms	Jordan journal of mathematics and statistics	13	203-219	Deanship of Scientific Research and Graduate Studies at Yarmouk University in Irbid		2020	March	Scopus
20	D L Kiran Kumar, H G Nagaraja and S. H. Naveenkumar	Some Curvature properties of Kenmotsu Manifolds with Schouten-Van Kampen Connection	Bulletin of the Transilvania University of Brasov,	12	351-364	Transilvania University Press		2019	August	Scopus
21	Samiul H M, Kiran Kumar D L, Shivaprasanna G S, Jennifer Ebienazer and Bhavitha B G,	Three dimensional quasi-sasakian manifold as a Ricci soliton under D-homothetic deformation	Mathematics in Engineering, Science and Aerospace (MESA)	16	157-165	Cambridge Scientific Publishers Ltd.		2025	May	Scopus
22	D. Vyshnavi and B. Chaluvaraju	The Generalized Status Schultz and Status Gutman Indices	Proceedings of Jangjeon Mathematical Society	27	431-449	Jangjeon Mathematical Society		2024		Scopus

Quartile 4

Sl.No.	Authors Name	Paper Title	Journal Name	Volume	Page Numbers	Publisher Name	Impact Factor	Year of Publication	Month of Publication	Indexing
1	Rajeesh S, Ravi K M., et al.	Optimization of Machining Parameters for Al-Li Alloy to Enhance Surface Smoothness Using the Taguchi Method	Journal of Mines, Metals and Fuels	73	1293-1302	INSIO Scientific Books and Periodicals	0.163	2025	MAY	
2	Niranjan P. K. and Srinivasa Rao Kola	On the radio k-chromatic number of paths	Note Di Matematica	42	37-45	ARACNE EDITRICE	0.3	2022		
3	Lakshmi Satya Vani Narayanam and Satish V. Motammanavar	Aggregation of Opinions in Social Networks Using A Novel Game Theoretic Approach	Intelligent Computing and Communication	1241	587-596	Springer		2025	March	Scopus
4	Basavaraj M Itanagi, Prakash R, Chetana C	New Form of Soft Sets and its Properties	Communications on Applied Nonlinear Analysis	32 (1s)	91 - 104	Communications on Applied Nonlinear Analysis	0.3	2025	Jan	Scopus
5	Prakash R, B S Shashikala, K R Nagaraja, M Kishore Kumar, T Prasanna Kumar	Numerical Study of Carbon Nanotubes Suspended Nanofluid Flow Past a Surface With Darcy-Forchheimer Porous Medium: an application to Heat Exchanger Design	JP Journal of Heat and Mass Transfer	37 (3)	297-312	Korean Society for Computational and Applied Mathematics	0.25	2024	June	Scopus
6	Keerthan Bhat, H., Mukund, A., Nagaraj, S., Prakash R.	LeafViT: Vision Transformers-Based Leaf Disease Detection.	Lecture Notes in Networks and Systems	680	85-102	Springer	0.166	2023	Aug	Scopus
7	Neeti Ghiay, Manjula S	Application of Fractional Calculus Operators to Fredholm type Integral Equations	Communications on Applied Nonlinear Analysis	31(7s)	595- 610	Communications on Applied Nonlinear Analysis	0.1			
8	Dipansha Kumari, H G Nagaraja and Kiran Kumar D L,	Invariant submanifolds of N(k)-contact metric manifolds with generalized Tanaka-Webster connection	J. Appl. Math. & Informatics,	40	741-751	Korean Society for Computational and Applied Mathematics	0.4	2022	June	Scopus, WOS
9	D L Kiran Kumar, H G Nagaraja, Uppara Manjulamma and Savithri Shashidhar,	Study on Kenmotsu manifolds admitting generalizing Tanaka-Webster connection	Italian Journal of Pure and Applied Mathematics	47	721-733	Forum Societa Editrice Universitaria Udinese srl	0.2	2022	August	Scopus
10	K Venu, H G Nagaraja and D L Kiran Kumar,	Ricci solitons and gradient Ricci solitons in D _α -homothetically deformed K-contact manifold	Balkan Journal of Geometry and Its Applications	26	139-147	European Mathematical Information Service	0.8	2021	November	SCIE, Scopus
11	D L Kiran Kumar, H G Nagaraja and K Venu	D-homothetically deformed Kenmotsu metric as a Ricci soliton	Annales Mathematicae Silesianae	33	143-152	Sciendo	0.3	2019	September	Scopus, WOS
12	H G Nagaraja , D L Kiran Kumar and D G Prakasha	D-homothetic deformation and Ricci solitons in -Contact metric manifolds	Konuralp Journal of Mathematics,	7	122-127	Düzce University		2019	September	Scopus
13	H G Nagaraja , D L Kiran Kumar and V S Prasad	Rici solitons in Kenmotsu manifold under D-homothetic deformation	Khayyam J. Math	4	102-109	Tusi Mathematical Research Group (TMRG)		2018	August	Scopus
14	Patil, S. R., Sujatha, A., Sinha, M. K., Deshmukh, M. A., & Thenmozhi, S.	Predicting and forecasting building energy performance using RSM and ANN	Asian Journal of Civil Engineering	1	1-7	Springer Nature	0.426	2024	January	Scopus

15	Jayalatha, G, Muchikel, N.	Non-linear Convection with Time-Periodic Boundary Temperature Effect in Viscoelastic Ferromagnetic Fluids.	Recent Advances in Applied Mathematics and Applications to the Dynamics of Fluid Flows. Lecture Notes in Mechanical Engineering.		49-61	Springer Nature		2023	October	Scopus
16	Jayalatha, G, Suma, N	Non-linear Magnetconvection with Modulated Rotational Speed in Viscoelastic Liquid	Recent Advances in Applied Mathematics and Applications to the Dynamics of Fluid Flows. Lecture Notes in Mechanical Engineering.		89-101	Springer Nature		2023	October	Scopus
WoS										
Sl.No.	Authors Name	Paper Title	Journal Name	Volume	Page Numbers	Publisher Name	Impact Factor	Year of Publication	Month of Publication	Indexing
1	K. Venugopal and K. A. Vidya	Multiple Intruder Locating Dominating Sets in Graphs: An Algorithmic Approach	Communications in Mathematics and Applications	11	259-269	RGN Publications		2020	June	WoS
2	Venugopal. K., and K. A. Vidya.	Multiple Intruder Locating Domination in infinite grids	Advances and Applications in Discrete Mathematics	24	1-12	Pushpa Publishing House		2020	May	WoS
3	Venugopal. K., and K. A. Vidya.	Multiple Intruder Locating Dominating Sets in chordal and bipartite graphs	Advances and Applications in Mathematical Sciences	21	5731-5742	Mili Publications		2022	August	WoS
4	K. A. Vidya. and Venugopal. K.	ON APPROXIMATION OF MULTIPLE INTRUDER LOCATING DOMINATION NUMBER OF A GRAPH	Advances and Applications in Discrete Mathematics	41	77-96	Pushpa Publishing House		2024	January	WoS
5	H G Nagaraja and D L Kiran Kumar	Kenmotsu manifold admitting Schouten-van Kampen connection	Facta Universitatis Ser. Math. Inform	34	23-34	University of Niš, Serbia		2019	December	WOS
Scopus indexed/ Book chapters										
Sl.No.	Authors Name	Paper Title	Journal Name	Volume	Page Numbers	Publisher Name	Impact Factor	Year of Publication	Month of Publication	Indexing
1	M. S. Mahadeva Naika, S. Chandankumar and M. Harish		Proceedings of the Jangjeon Mathematical Society	23(3)	305-320	JANGJEON Mathematical Society	0.759	2020		
2										
3	Siddheshwar P. G. and Sakshath T. N	Study of Rayleigh-Bénard Convection of a Newtonian Nanoliquid in a Porous Medium Using General Boundary Conditions	Advances in Fluid Dynamics	5	121-134	Springer		2020	July	Scopus
4	Siddheshwar P. G. and Sakshath T. N	Steady finite-amplitude Rayleigh-Bénard-Taylor convection of newtonian nanoliquid in a high-porosity medium	Applied Mathematics and Scientific Computing	2	79-86	Springer		2019	August	Scopus
5	S Varsha, Kinshuk Agarwal, Kushagra Awasthi, SB Prapulla, N Deepamala, R Prakash, Jayalatha G	Investigating innovative approaches to learning-Gradient descent and regression for millennials	Pedagogical Revelations and Emerging Trends	1	18-23	CRC Press		2025	Jan	Book Chapter
6	Niranjan P. K.	The radio k-chromatic number for the corona of arbitrary graph and $K_{n,1}$	Mathematics and Computing	415	175-184	Springer		2022	Nov	SCOPUS
7	Lakshmi Satya Vani Narayanam and Satish V. Motammanavar	A Novel Algorithm to Compute Stable Groups in Signed Social Networks	Advances in Computing and Data Sciences	2019	164-176	Springer		2019	July	SCOPUS
8	Niranjan P. K. and Srinivasa Rao, Kola.	The radio number for some classes of the Cartesian product of complete graphs and cycles	IOP Journal of Physics Conference Series	1850	1-11	IOP Publishing Ltd.		2022	Jan	SCOPUS
9	Srinivasa Rao Kola, Balakrishna Gudla and Niranjan P K	Maximum number of holes in square of cycles	International Journal of Mathematical Combinatorics.	1	34-41	MADIS of Chinese Academy of Sciences and the Academy of Mathematical Combinatorics with Applications		2020	Jan	SCOPUS
10	Neeti Ghiya and S Manjula	Eulerian integrals associated with the product of multivariable H- function and generalised M-series	Advances in Mathematical and Computational Sciences	2024	221-231	De Gruyter				SCOPUS
11	Keerthan Bhat, H, Mukund, A, Nagaraj, S., Prakash R.	U-shaped Transformers for 3D Lung Cancer Segmentation.	International Conference on Knowledge Engineering and Communication Systems (ICKES)	1	1-6	IEEE		2022	Oct	SCOPUS
12	Swarup, D. J., Vidyasagar, S., Kalyanasundaram, V, Sujatha, A	AI-Powered Smart Traffic Management in Intelligent Transportation Systems	Urban Mobility and Challenges of Intelligent Transportation Systems		51-70	IGI Global Scientific Publishing		2025	April	Scopus
13	D L Kiran Kumar, H G Nagaraja and Dipansha Kumari	Concircular curvature tensor of Kenmotsu manifolds with generalized Tanaka-Webster connection	Journal of Mathematical and Computational Science	9	447-462	SCIK Publishing Corporation		2019	August	Scopus
14	B. Chaluvraju and D. Vyshnavi	Mathematic Properties and Chemical Applicabilities of Atom Valency Block Indices	Letters in Applied NanoBioScience	12	1-8			2023	June	Scopus