



**RV College
of Engineering®**

Autonomous
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to Visvesvaraya
Technological
University, Belagavi

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LIST OF SCOPUS INDEXED PUBLICATION IN CONFERENCE

SL.No	Title	Author	Year	Conference Name
Year – 2022				
1	Breast Masses Detection and Segmentation in Full-Field Digital Mammograms using Unified Convolution Neural Network	Rajasree. P.M., Anand Jatti, Divya Santosh, Usha Desai, Veena Divya Krishnappa	2022	44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), Glasgow, UK, July 11-15, 2022
Year – 2021				
1.	Machine Learning Based Techniques for Detection of Renal Calculi in Ultrasound Images	Herle H., Padmaja K.V.	2021	Communications in Computer and Information Science
2.	Development of an algorithm for vertebrae identification using speeded up robust features (surf) technique in scoliosis x-ray images	Janumala T., Ramesh K.B.	2021	Advances in Intelligent Systems and Computing
Year – 2020				
1.	A Novel Approach towards Early Detection of Obliteration in Lumbar Lordosis	Veena Divya K, Devanshu Mukherjee, Vidhya Shree, Somali Roy, Venkat Raghavan, Rajasree P M, Deepashree Devaraj, C H Renumadhavi, Vasanth Raj Lakshman, K N Subramanya	2020	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS, 2020, 2020-July, pp.4042–4045, 9176048
2.	Performance Analysis of Data Communication Using Hybrid NoC for Low Latency and High Throughput on FPGA	Amaresh, C., Jatti, A.	2020	Advances in Intelligent Systems and Computing
Year - 2019				



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1.	Probable Region Identification and segmentation in Breast Cancer using the DL-CNN	Nagendra Kumar, M., Jatti, A., Narayanappa, C.K.	2019	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT, 2019, pp. 1144–1149, 8987818
2.	A Novel approach towards Human Posture Estimation to Review Lumbar Lordosis	Veena Divya. K, Devanshu Mukherjee, Somali Roy, VidhyaShree ,Rajasree .P.M	2019	41st Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC 2019), Berlin, Germany, July 23-27, 2019
3.	A Correlative Study of contrary Image Segmentation Methods Appending Dental Panoramic X-ray Images to Detect Jawbone Disorders	KrishnappaVeena Divya, AnandJatti	2019	Springer's Nature Singapore Pvt Ltd
4.	Appending photoplethysmograph as a security key for encryption of medical images using watermarking	Vidya, M.J., Padmaja, K.V.	2019	Advances in Intelligent Systems and Computing
5.	Relaxed greedy-based approach for enhancing of resource allocation for future cellular network	Reddy, C.V., Padmaja, K.V.	2019	Advances in Intelligent Systems and Computing
6.	DNA-based XOR operation (DNAX) for data security using DNA as a storage medium	Siddaramappa, V., Ramesh, K.B.	2019	Studies in Computational Intelligence
7.	A novel experimental prototype for assessing IoT performance on real-time analytics	Manujakshi, B.C., Ramesh, K.B.	2019	Advances in Intelligent Systems and Computing
8.	FARIP: Framework for artifact removal for image processing using JPEG	Shashidhar, T.M., Ramesh, K.B.	2019	Advances in Intelligent Systems and Computing
9.	Design and evaluation of medical microwave radiometer for measuring tissue temperature	Ravi, V.M., Akki, R.S., Sugumar, S., Venkata, K.C., Arunachalam, K	2019	2019 URSI Asia-Pacific Radio Science Conference, AP-RASC 2019
10.	Patch-based feature extraction algorithm for mammographic cancer images	Rajasree, P.M., Jatti, A.	2019	Advances in Intelligent Systems and Computing
Year - 2018				



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1.	Enhancing security of electronic patient record using watermarking technique	Vidya, M.J., Padmaja, K.V.	2018	Materials Today: Proceedings
2.	Biometrics Secured Voting System with Finger Print, Face and Iris Verification	Kavitha, S.N., Shahila, K., Prasanna Kumar, S.C.	2018	Proceedings of the 2nd International Conference on Computing Methodologies and Communication, ICCMC 2018
3.	Design and Development of Micro-channel using PDMS for Biomedical Applications	Yadhuraj, S.R., BabuGandla, S., Omprakash, S.S., Sudarshan, B.G., Prasanna Kumar, S.C.	2018	Materials Today: Proceedings
4.	Preparation and Study of PDMS Material	Yadhuraj, S.R., BabuGandla, S., Sudarshan, B.G., Prasanna Kumar, S.C.	2018	Materials Today: Proceedings
5.	Analysis of linear and non-linear parameters of HRV for opting optimum parameters in wearable device	Yadhuraj, S.R., Sudarshan, B.G., Prasanna Kumar, S.C., Mahesh Kumar, D.	2018	Materials Today: Proceedings
6.	Study of PDMS material for ECG electrodes	Yadhuraj, S.R., Sudarshan, B.G., Prasanna Kumar, S.C., Mahesh Kumar, D.	2018	Materials Today: Proceedings
7.	A survey on segmentation of exudates and microaneurysms for early detection of diabetic retinopathy	Devaraj, D., Suma, R., Prasanna Kumar, S.C.	2018	Materials Today: Proceedings
8.	A novel algorithm for bitcoin address generation using elliptical curve cryptography	Shah, P.G., Shah, N.P., Ramesh, K.B.	2018	Proceedings of 2018 the 8th International Workshop on Computer Science and Engineering, WCSE 2018
9.	Brain Tumor extraction using morphological reconstruction and thresholding	BalaMaalini, G., Jatti, A.	2018	Materials Today: Proceedings
10.	Detection of exudates through local binary pattern in diabetic retinopathy	Suma, R., Devaraj, D., Prasanna Kumar, S.C.	2018	Communications in Computer and Information Science



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11.	Robust detection of hard exudates for diagnosis of non-proliferative diabetic retinopathy using integrated approach	Devaraj, D., Prasanna Kumar, S.C.	2018	Advances in Intelligent Systems and Computing
Year - 2017				
1.	Affirmation of electronic patient record through bio-electric signal for medical data encryption authenticity	Vidya, M.J., Padmaja, K.V.	2017	IEEE Region 10 Annual International Conference, Proceedings/TENCON
2.	Data-driven motion correction for human head in computed tomography	BalaMaalini, G., Jatti, A.	2017	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017
3.	Glaucoma detection using texture features extraction	Kavya, N., Padmaja, K.V.	2017	Conference Record of 51 st Asilomar Conference on Signals
4.	Design of a state-machine based genomic simulator and development of a system for prediction of Rheumatoid	Lakshmi, T.V., Ramesh, K.B., Niranjana, V., (...), Monica,	2017	2nd International Conference on Circuits, Controls, and
	Arthritis (RA) using signal processing techniques	N., Rao, A.		Communications, CCUBE 2017 - Proceedings
5.	A study and analysis of image enhancement techniques augmenting dental pantamograms to review jawbone cysts and tumors	Divya, K.V., Jatti, A., Joshi, R., Krishna, S.D.	2017	IEEE Region 10 Annual International Conference, Proceedings/TENCON
6.	Characterization of dental pathologies using digital panoramic X-ray images based on texture analysis	VeenaDivya, K., Jatti, A., Joshi, R., Deepu Krishna, S.	2017	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS
7.	Airborne parameter instrumentation system for disaster supervision in smart cities- A prototype	Divya, K.V., Swetha, R.R., Rajasree, P.M., Vidya, M.J., Burahman, A.M.	2017	Proceedings of the 2017 5th International Conference on Instrumentation, Control, and Automation, ICA 2017
Year - 2016				