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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 robst 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	Krishnappa Veena 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 Arthritis (RA) using signal processing techniques	Lakshmi, T.V., Ramesh, K.B., Niranjan, V., (...), Monica, N., Rao, A.	2017	2nd International Conference on Circuits, Controls, and 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				



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1.	Leveraging communication performance for OFDMA using novel bit loading and allocation of power	Reddy, C.V., Padmaja, K.V.	2016	Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WISPNET 2016
2.	Design and Development of Smart Assistive Device for Visually Impaired People	Aswinni B Yadav, LeelaBindal, Namhkumar V.U, Namitha K, Harsha H	2016	IEEE International Conference On Recent Trends In Electronics Information Technology
3.	Appending a novel module to detect and monitor concussions in helmets - A prototype	Divya, K.V., Rajasree, P.M., Vidya, M.J.	2016	International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 – Proceedings
4.	An indigenous PPG acquisition system using monolithic photo-detector OPT101	Vidya, M.J., Padmaja, K.V., Chaithra, G.	2016	International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 – Proceedings
5.	Performance analysis of time domain and frequency domain equalizer for ADSL	Katiyar, R., Padmaja, K.V.	2016	International Conference on Communication and Signal Processing, ICCSP 2016
6.	Review of techniques used for sensory data analytics over cloud	Manujakshi, B.C., Ramesh, K.B.	2016	Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016
7.	Image processing and parameter extraction of digital panoramic dental X-rays with ImageJ	Veena, D.K., Jatti, A., Sabah, M.P., Joshi, R.	2016	2016 International Conference on Computation System and Information Technology for Sustainable Solutions, CSITSS 2016
8.	Performance of Zero forcing pre-coder for vectored DSL	Katiyar, R., Padmaja, K.V.	2016	IEEE Region 10 Annual International Conference, Proceedings/TENCON



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9.	Design and Development of an IOT based wearable device for the Safety and Security of women and girl children	Alisha, R.M., Vijayalakshmi, P., Jatti, A., Kannan, M., Sinha, S.	2016	IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings
Year - 2015				
1.	Performance enhancement and area optimization of 3×3 NoC using random arbiter	KendagannaSwamy, S., Jatti, A., Uma, B.V.	2015	Souvenir of the IEEE International Advance Computing Conference, IACC 2015
2.	Platform level design for Network on Chips	KendagannaSwamy, S., Anil, N., Jatti, A., Uma, B.V.	2015	Souvenir of the IEEE International Advance Computing Conference, IACC 2015
3.	Design and implementation of multipurpose single channel bio signal amplifier	Sandesh, R.S., Venkatesan, N.	2015	International Conference on Advances in Computing, Communications and Informatics, ICACCI 2015
4.	Hybrid partitioning algorithm for area minimization in circuits	RajineSwetha, R., Sumithra Devi, K.A., Yousef, S.	2015	Procedia Computer Science
Year - 2014				
1.	Breast tissue phantoms to assist compression study for cancer detection using microwave radiometry	Akki, R.S., Arunachalam, K.	2014	2014 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC
2.	Blood vessels segmentation with GUI in digital fundus images for automated detection of diabetic retinopathy	Devaraj, D., Kumar, S.C.P.	2014	Proceedings of 2014 International Conference on Contemporary Computing and Informatics, IC3I 2014
3.	A compact sensor system for concussion mitigation in helmets - A concept prototype	Veena, D.K., Devaraj, D., Rajasree, P.M., Oberoi, A.	2014	Proceedings of 2014 International Conference on Contemporary Computing and Informatics, IC3I 2014



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4.	Reconfigurable hardware for patient monitoring systems	Koundinya, P., Mallikarjuna, M., Vinod, S., Devaraj, D., Reddy, B.M.K.	2014	International Conference on Information Communication and Embedded Systems, ICICES 2014
Year - 2013				
1.	A study of factors influencing detectability of breast tumour in microwave radiometry	Akki, R.S., Arunachalam, K.	2013	IEEE MTT-S International Microwave and RF Conference, IMaRC 2013
Year - 2011				
1	A survey of various algorithms for VLSI physical design	RajineSwetha, R., ShekarBabu, B., Sumithra Devi, K.A.	2011	World Academy of Science, Engineering and Technology
Year - 2010				
1	Estimation of approximate entropy of heart rate variability of healthy subjects and investigation of the effect of meditation on it	RenuMadhavi, Ch., Ananth, A.G.	2010	2010 International Conference on Signal Acquisition and Processing, ICSAP 2010, pp. 304-307, 5432750



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