MARRI LAXMAN REDDY
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Faculty Publication 2021-22

S.No	Name of the Staff	Title of the Paper	Name of Journal/Conference/Book	DoI	Month & Year
1	Dr.B Srinivas	Design and Implementation to Find Multi-Issues in Brain Images with Mixture Clustering Techniques	Advances in Intelligent Systems and Computing	DOI: 10.1007/978-981-16-1335-7_22	June 2021
		Design of Density Clustering In Diabetic Retinopathy Based Eye Fundus Segmentation	IOP Conf. Series: Materials Science and Engineering	DOI:10.1088/1757-899X/1084/1/012006	June 2021
		Satellite Image Dehazing Using Fast Iterative Domain Gaussian Guided Image Filtering	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings	10.1109/ICOSEC54921.2022.9951947	Oct 2022

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		Implementation of Potential Leukemia Detection using Recurrent Neural Networks with Blood Cell Counting	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768569	Feb 2022
		Implementation of Medical Image Watermarking using RDWT and SVD for Secure Medical Data Transmission in Healthcare Systems	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768429	Feb 2022
		Implementation of Computer Aided System for Automated Bone Fracture Detection using Digital Geometry	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768436	Feb 2022
		Implementation of Brain Tumor Detection with Deep Learning Classification Using Hybrid Feature Extraction	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768532	Feb 2022

		Remote Sensing and Natural Image Dehazing using DCP based IDERS Framework	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768593	Feb 2022
		Drivable Area and Road Anomaly Segmentation using SSLG with V-Disparity Maps	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	10.1109/ICEARS53579.2022.9752158	Mar 2022
		IODTDLCNN: Implementation of Object Detection and Tracking by using Deep Learning based Convolutional Neural Network	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768632	Feb 2022

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2	Dr. N. Srinivas	On Selection of Parameters for Cooperative Spectrum Sensing Schemes over Î°â€"Î¼ Fading Channels	IETE Journal of Research	10.1080/03772063.2022.2038700	Mar 2022
		Performance of Generalized Î±-Î¼ Fading for Energy Detection Based Spectrum Sensing in Presence of Channel Errors	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9784984	Mar 2022
3	Dr.G.Amarnath	Flicker Noise Analysis of Non-uniform Body TFET with Dual Material Source (NUTFET-DMS)	Lecture Notes in Electrical Engineering	10.1007/978-981-16-3767-4_23	Jan 2022
		Numerical Simulation-Based Comparative Study of FinFET and MOSFET with Gallium Oxide	Lecture Notes in Electrical Engineering	10.1007/978-981-16-3767-4_25	Jan 2022

	Study of Temperature Effect on MOS-HEMT Small-Signal Parameters	Lecture Notes in Electrical Engineering	10.1007/978-981-16-3767-4_24	Jan 2022
	Design and Analysis of FEM Novel X-Shaped Broadband Linear Piezoelectric Energy Harvester	Lecture Notes in Electrical Engineering	10.1007/978-981-16-3767-4_39	Sep 2022
	Designing of RF-MEMS Capacitive Contact Shunt Switch and Its Simulation for S-band Application	Lecture Notes in Electrical Engineering	10.1007/978-981-16-3767-4_43	Jan 2022
	AlInN/GaN HEMT on Silicon Substrate with GD-Field-	Silicon	10.1007/s12633-022-01771-y	Mar 2022

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		Plate: Modelling and Simulation of Electric-Field and Breakdown-Voltage Characteristics			
4	Dr.S Kishore	A hadoop based framework integrating machine learning classifiers for anomaly detection in the internet of things	Electronics (Switzerland)	https://doi.org/10.3390/electronics10161955	June 2021
		Comparative Review of MAC Architectures	Soft Computing for Intelligent Systems- Book	10.1007/978-981-16-1048-6_3	June 2021
5	K.Naga Bushan	Implementation of Computer Aided System for Automated Bone Fracture Detection using Digital Geometry	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768436	Feb 2022

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6	I.Adam Babu	Design and Implementation to Find Multi-Issues in Brain Images with Mixture Clustering Techniques	Advances in Intelligent Systems and Computing	10.1007/978-981-16-1335-7_22	July 2021
7	B.Koteshwar Rao	Design of approximate reverse carry select adder using RCPA	International Journal of Electronics Letters	10.1080/21681724.2022.2062791	Apr 2022
		Adaptive histogram equalization of wavelet sub bands for the enhancement of contrast in aerial images	Materials Today: Proceedings	10.1016/j.matpr.2021.10.297	Apr 2022
		Grayscale Image Histogram Estimation Structure Based on FPGA	Lecture Notes in Electrical Engineering	10.1007/978-981-16-7985-8_49	Apr 2022

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8	Hima Bindhu S.K	Implementation of Spurious Power Suppression based Radix-4 Booth Multiplier using Parallel Prefix Adders	4th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2021 - Proceedings	10.1109/ICRTCST54752.2022.9781868	Feb 2022
9	E.Sreenivasulu	Implementation of Brain Tumor Detection with Deep Learning Classification Using Hybrid Feature Extraction	2022 1st International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2022	10.1109/ICEEICT53079.2022.9768532	Feb 2022
10	Dr.N Udaya Kumar	Drivable Area and Road Anomaly Segmentation using SSLG with V-Disparity Maps	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	10.1109/ICEARS53579.2022.9752158	Mar 2022
11	H.Sangeetha	Fungus Detection System Built in an Efficient and Modest Embedded System	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	10.1109/ICCCI54379.2022.9740825	Jan 2022

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12	Nagamani K	Adaptive histogram equalization of wavelet sub bands for the enhancement of contrast in aerial images	Materials Today: Proceedings	10.1016/j.matpr.2021.10.297	Apr 2022
13	Divya K	Adaptive histogram equalization of wavelet sub bands for the enhancement of contrast in aerial images	Materials Today: Proceedings	10.1016/j.matpr.2021.10.297	Apr 2022