



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY & MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Faculty Publication 2019-20

S.No	Name of the Staff	Title of the Paper	Name of Journal/Conference/Book	DoI	Month & Year
1	Dr. Sriniva Bachu	Moving object detection using the genetic algorithm for real times transportation	International Journal of Engineering and Advanced Technology	10.35940/ijeat.F8266.088619	Aug 2019
		IoT based home area network smart meter system design using ARM 7	International Journal of Advanced Trends in Computer Science and Engineering	10.30534/ijatcse/2019/0781.32019	Nov 2019
		Sine and Cosine Signal Generation for Fixed Rotation Angle	Lecture Notes in Networks and Systems-book series	10.1007/978-981-15-3172-9_59	Apr 2020
		Spectral Unmixing based on Joint Sparsity and Total Variation using Remote Sensing Data	2021 Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT)	10.1109/ICECCT52121.2021.9616688	Jan 2020
		Security of Finger Prints with Video Watermarking Techniques Based On DWT and SVD	IOP Conference Series	10.1088/1757-899X/1084/1/012007	Mar 2020



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			Materials Science and Engineering		
2	Dr. N. Srinivas	Throughput analysis of cooperative cognitive radio network over generalized κ - μ and η - μ fading channels.	Wireless Networks	10.1007/s11276-018-1758-4	Nov 2019
		Performance analysis of decision/data fusion-aided cooperative cognitive radio network over generalized fading channel	IEEE Transactions on Aerospace and Electronic Systems	10.1109/TAES.2018.2884184	Oct 2019
		The effects of channel knowledge on cooperative spectrum sensing in Nakagami-n/q fading channels	Wireless Networks	https://doi.org/10.1007/s11276-018-1685-4	Jul 2019
		Optimized cooperative spectrum sensing network analysis in nonfading and fading environments	International Journal of Communication Systems	https://doi.org/10.1002/dac.4262	Jan 2020
		Comprehensive performance analysis of data fusion aided cooperative cognitive radio network over $\hat{\Gamma}$ - $\hat{\Gamma}^{\frac{1}{4}}$ Fading channel	IET Communications	https://doi.org/10.1049/iet-com.2019.0298	Nov 2019
		Performance of energy-efficient cooperative cognitive radio system over erroneous Nakagami-m and Weibull fading channels	Wireless Networks	https://doi.org/10.1007/s11276-019-02018-2	May 2019



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3	Dr. N. Udaya Kumar	Security of Finger Prints with Video Watermarking Techniques Based On DWT and SVD	IOP Conf. Series: Materials Science and Engineering	10.1088/1757-899X/1084/1/012007	Mar 2020
		Implementation of Area optimized Low power Multiplication and Accumulation	International Journal of Innovative Technology and Exploring Engineering	10.35940/ijitee.A9110.119119	Nov 2019
		Effect of feature normalization objective improvement of over Noisy Single-channel Speech Enhancement with Neural Networks	Test Engineering and Management	https://www.testmagzine.biz/index.php/testmagzine/article/view/8768	May 2020
		Skin Tone Recognition and Face Detection using Local Binary Pattern and Sparse Coding	Test Engineering and Management	Vol 83	June 2020



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		Hamming Distance for the Trellis Coded Block Codes and Applications in Bit Error Rate Too	International Journal of Advanced Science and Technology	http://sersc.org/journals/index.php/IJAST/article/view/17835	June 2020
4	Dr.P.S. Shijin Kumar	Multilevel Pipelined Processing for Aerial Image Restoration	2019 International Conference on Emerging Trends in Science and Engineering, ICESE 2019	https://doi.org/10.1109/ICES.E46178.2019.9194619	Sept 2019
		Hamming Distance for the Trellis Coded Block Codes and Applications in Bit Error Rate Too	International Journal of Advanced Science and Technology	http://sersc.org/journals/index.php/IJAST/article/view/17835	June 2020
5	Dr. S. Kishore	ASIC implementation of distributed arithmetic-based FIR filter using RNS for high-speed DSP systems	International Journal of Speech Technology	https://doi.org/10.1007/s10772-020-09683-1	Feb 2020
6	I.Adum Babu	Crop selection in agriculture lands using internet of things with ARM	International Journal of Advanced Trends in Computer Science and	https://doi.org/10.30534/ijatcse/2019/0981.32019	July 2019



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			Engineering		
7	K.V Suresh Kumar	Sine and Cosine Signal Generation for Fixed Rotation Angle	Lecture Notes in Networks and Systems- book series	10.1007/978-981-15-3172- 9_59	Apr 2020