



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institute, Approved by AICTE, Permanently Affiliated to JNTUGV)
(Accredited by NAAC with “A” grade)
Jonnada (Village), Denkada (Mandal), Vizianagaram Dist – 535 005
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Research Paper Publications

Details of Publication in Journal

Academic Year: 2021-22

S. No.	Name of the Faculty	Title of the paper	Details of Publication				Link to The Article	Indexed by
			Name of the Journal	Year	Page No.	ISSN No		
1.	Mr. S. S. Kiran	Stability Testing and Restoration of a DEIG-Based Wind Power Plant with Indirect Grid Control Strategies	IETE Journal of Research	June 2021	3928-3942	Print ISSN: 0377-2063	https://www.tandfonline.com/doi/full/10.1080/03772063.2021.1934126	SCI
2.	Mr. S. S. Kiran	Damping Analysis To Improve The Performance Of Shunt Capacitive Rf Mems Switch	FACTA UNIVERSITATIS Series: Electronics and Energetics	September 2021	381-392	ISSN:0353-3670 eISSN:2217-5997	https://casopisi.junis.ni.ac.rs/index.php/FUElectEnerg/article/view/7604	ESCI
3.	Dr. B. Sridhar	Investigations of medical image segmentation methods with inclusion mathematical morphological operations.	Traitement du Signal	October 2021	1531-1540	ISSN: 0765-0019	https://doi.org/10.18280/ts.380530	SCI
4.	Dr. T. Anil Kumar	MEMS-based reconfigurable and flexible antenna for body-centric wearable applications,	Journal of Electromagnetic Waves and Applications	Jan 2022	1389-1403	Print ISSN: 0920-5071	https://www.tandfonline.com/doi/abs/10.1080/09205071.2022.2028682	SCI
5.	Mr. S. S. Kiran	Target Application Based Design Approach for RF MEMS Switches using	Trans. Electr. Electron. Mater.	2022	509–521	P-ISSN 1229-7607	https://doi.org/10.1007/s42341-021-00378-	ESCI(WoS)



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		Artificial Neural Networks					1	
6.	Dr. A. V.Paramkusa m	Block Matching Algorithms for the Estimation of Motion in Image Sequences: Analysis.	Pattern Recognit. Image Anal.	2022	2980-2989	ISSN 1054-6618	https://www.mdpi.com/2079-9292/11/22/3736	ESCI(WoS)
7.	Dr. B. Kiranmai	Performance Analysis Of Real-Time Sdr Ofdm System.	Xi'an Dianzi Keji Daxue Xuebao/Journal of Xidian University	Sep 2021	434-440	ISSN No: 1001-2400	https://www.researchgate.net/publication/354860796_PERFORMANCE_ANALYSIS_OF_REAL-TIME_SDR_OFDM_SYSTEM	Scopus
8.	Dr. N. Rajasekhar, Dr. D. Naresh Kumar	Dual circularly polarized semi-cylindrical hybrid dielectric resonator antenna for X and Ku-band applications.	International Journal of RF and Microwave Computer-Aided Engineering	June,2022	--	Online ISSN:1099-047X	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.23279	SCIE
9.	Mr. D. Venkatachari	Band-notched UWB antenna and analysis with C-shaped SRR for Wi-MAX/WLAN and satellite communications	International Journal of Systems, Control and Communications	may, 2022	253-265	ISSN (print): 1755-9340	https://www.inderscienceonline.com/doi/epdf/10.1504/IJSCC.2022.123883	Scopus
10.	Mr. D. Venkatachari	Design and analysis of tagged-T antenna for 5G applications	International Journal of Systems, Control and Communications	Dec 2021	30-43	ISSN online 1755-9359 ISSN print 1755-9340	https://doi.org/10.1504/IJSCC.2022.119709	Scopus



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Details of Publication in Conference

S. No.	Name of the Faculty	Title of the Paper	Title of Conference	Year	Organized by	Link to The Article
1.	Dr. A. V. Param Kusam	Block Matching Algorithms for the Estimation of Motion in Image Sequences: Analysis	25th International Conference on Knowledge-Based and Intelligent Information & Engineering systems	2021	Elsevier	https://www.sciencedirect.com/science/article/pii/S187705092101807X
2.	Mr. D. Venkata Chari	Dual Current Mirror Technique Based Energy Efficient 50mV to 1V Voltage Level Shifter	2022 International Conference on Electronics and Renewable Systems	2022	IEEE	https://ieeexplore.ieee.org/document/9752383
3.	Mr. D. Venkata Chari	Designing of band-notched UWB antenna and analysis with C-Shaped SRR for Wi-MAX/WLAN and satellite communications	1st International Conference on Advances in Signal Processing, VLSI, Communications and Embedded Systems	Dec, 2021	AIP Conference Proceedings	https://pubs.aip.org/aip/acp/article-abstract/2407/1/020006/624243/Designing-of-band-notched-UWB-antenna-and-analysis?redirectedFrom=fulltext



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Details of Published Book Chapters

S. No.	Name of the Faculty	Title of the Books and Chapters	Page Numbers	Publisher Details	Link to The Article	Organized by
1.	Mr. S.S. Kiran	Reconfigurable Antennas for RFID /GPS /WiMAX /WLAN Applications Using RF MEMS Switches	225–231	Springer, Singapore	https://doi.org/10.1007/978-981-16-1570-2_21	Springer
2.	Dr. D. Naresh Kumar	Millimeter wave wideband Koch fractal antennas.	599–612	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-2354-7_53	Springer
3.	Mr. J.Siddartha Varma	A Ground Plane Modified Broadband Circularly Polarized Patch Antenna for Wireless Applications. Optical and Wireless Technologies.	--	Springer, Singapore	https://doi.org/10.1007/978-981-16-2818-4_27	Springer
4.	Mr.V.Nanchraih, Mr. V.Y. S. S. Sudir Patnaikuni, Mr. M.Ravindra Kumar	Design of Novel Low Area Decoder Using Quantum Cellular Automata	579–587	Springer, Singapore	https://doi.org/10.1007/978-981-16-8512-5_61	Springer
5.	Dr. D. Naresh Kumar	A Hybrid Dielectric Resonator Antenna with Dual Sense Circular Polarization for Wireless LAN Applications.	171–178	Springer, Singapore	https://doi.org/10.1007/978-981-19-3455-1_13	Springer
6.	Dr.T.Anil Kumar	Advanced Microstrip Antennas for Vehicular Communication	30	Taylor & Francis	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003187325-	Springer



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					9/advanced-microstrip-antennas-vehicular-communication-madhav-anilkumar	
7.	Mr. K.Gurucharan	Apple Fruit Classification and Damage Detection Using Pre-trained Deep Neural Network as Feature Extractor	Mar, 2022	Springer, Singapore	https://doi.org/10.1007/978-981-16-8512-5_26	Springer
8.	Dr.T.Anil Kumar	Design and Analysis of Fractal Loop Antenna Array for Rectenna Applications	2022	Springer, Singapore	https://doi.org/10.1007/978-981-16-8554-5_15	Springer
9.	Dr. B. Sridhar	Development of an Automatic Fruit Classification Using Hybrid Deep Learning Model for Super Markets.	2022	Springer, Singapore	https://doi.org/10.1007/978-981-16-8550-7_18	Springer
10.	Dr. B. Sridhar	Design a Low-Cost Air Pollution Monitoring IoT System.	2022	Springer, Singapore	https://doi.org/10.1007/978-981-16-8550-7_19	Springer