



VIGNAN'S LARA

INSTITUTE OF TECHNOLOGY & SCIENCE

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Research Journal Publications during Last Five Years in ECE Department

S.No	Title of paper	Name of the author/s	Name of journal	Year	ISSN
1	Performance analysis of downlink multipath multi user NOMA VLC system	N. Sharan	Optical and Quantum Electronics	2022	1572-817X
2	An Ultra Wideband Hexagonal Patch Antenna with Enhanced Bandwidth	K. Anjaneyulu	Recent Trends in Electronics and Communication Systems	2022	2393-8757
3	Corner Defected Multi-Resonance Ultra-Wideband Rectangular Patch Antenna	K. Anjaneyulu	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	2022	0974-6846
4	Scalable extension of HEVC with adaptive de-blocking filter for bandwidth-limited applications	L.Balajia, A.Dhanalakshmib, C.Rajac	ICT Express	2021	2405-9595
5	Design of MAC Unit for Digital Filters in Signal Processing and Communication	Basavoju Harish, M. S. S. Rukmini & K. Sivani	International Journal of Speech Technology	2021	1572-8110

6	Continuous-Time Complex Band-Pass Gm-C Sigma Delta ADC with Programmable Bandwidths	Veerayya Javvaji, Sarada Musala & B. Naresh Kumar Reddy	Analog Integrated Circuits and Signal Processing	2021	1573-1979
7	Concurrent Error Detectable and Self-Repairable Carry Select Adder	Mr. K. Vijaya Vardhan, Mrs. Sarada Musala, Ms. Aruna Kumari Neelam & Mr. Bharath Sreenivasulu	International Journal of Electronics	2021	1362-3060
8	Ultra high speed full adder for biomedical applications	Harish B	International Journal of Reconfigurable and Embedded Systems (IJRES)	2021	2089-4864
9	Copy Move Forgery Detection Using Hybrid Algorithm	Mr. K. Vijaya Vardhan , Dr. T. Chandra Sekhar Rao, & Dr. K. Sateesh Kumar	International Journal of Advanced Trends in Computer Science and Engineering	2020	2278-3091
10	Metallic Ring Backed Co-planar Waveguide Satellite L-Band and S-Band Low Pass Filter	S Oudaya Coumar & Mr. Tamilselvan S	International Journal of Electronics Letters	2020	2168-1724

11	Fast and Energy Efficient Full Adder Circuit Using 14 CNTFETs	Jitendra Kumar Saini	Solid State Electronics Letters	2020	2589-2088
12	Image Capturing Device with Height Control Using Sixth Sense Technology	K. MalathiSanthoshini, PVN Lakshmi, K. Divya Sai, P.Venkata Siva Kiran	International Journal of Advanced Science and Technology	2020	2005-4238
13	Implementation of Frequency Efficient Multiplexer based CORDIC on FPGA	Basavoju Harish, K.Sivani, M.S.S.Rukmini	International Journal of Advanced Science and Technology	2020	2005-4238
14	An Overview on V2V Communication with Respect to V2I Communication	G.Harish, Dr.P.Shyamala Bharathi	International Journal of Advanced Science and Technology	2020	2005-4238
15	A Systematic review of graph signal processing	Nagaraju Sonti, P.Venkatappa Reddy	International Journal of Advanced Science and Technology	2020	2005-4238

16	A compact conductor-backed CPW-based dual band pass filter for satellite S-band and C-band	S Oudaya Coumar & Mr. Tamilselvan S	International Journal of Elctrical system and informstation technology	2020	2314-7172
17	Analysis of FBMC peak to average Power Ratio Reduction by Using MIMO-OFDM based FPGA Implementation for 5g Technologies	S. Naga Raju, Mr. Md. Taj, . K. Gopa Vanitha & P. Sandhya Rani	TEST Engineering & Management	2020	0193-4120
18	Implementation of RFID Robotics Based Vehicle Real Time Navigation System	S. Naga Raju & Ms. B. Akhila	International Journal of Advanced Science and Technology	2020	2005- 4238
19	A critical look at modular adders using residue number system	K. Vijaya Vardhan, K.M. Santhoshini, Sarada Musala, Avireni Srinivasulu	Solid State Electronics Letters	2019	2589-2088
20	A Review on Fog Computing and its Applications	Mr. G. Harish, Mr. S. Naga Raju, Mr. B. Harish & Ms. Sk. Mazeeda	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075

21	Optimal Page Allocation of Hybrid Main Memory using Page Caching Algorithm	Lordwin Cecil Prabhaker. M, Saravana Ram.R	International Journal of Recent Technology and Engineering	2019	2277-3878
22	Beam steering of 8x1 Circular Patch Phased Array Antenna at L Band for Airborne Applications	U. Srinivasa Rao	International Journal of Engineering & Technical Research	2019	2321-0869
23	Schmitt Trigger Circuits using Various Active Devices	Mr. K. Vijaya Vardhan, Mrs. M. Sarada & Mrs. P. V. N. Lakshmi	International Journal of Engineering and Advanced Technology	2019	2249 – 8958
24	Implementation of Location based Missing Pilgrims Identification, Health Monitoring and Alerting System	Mr. S. S. Naga Pavan Kumar T & Ms. J. Lalitha Kumari	International Journal of Research	2018	2236-6124
25	Implementation of Connected Vehicle Technology by using Raspberry Pi to Reduce the Accidents	Mr. B Harish & Ms. G. Gopika	International Journal for Research in Applied Science & Engineering Technology	2018	2321-9653

26	Embedded Vision Based Driving Assistance System for Safe Driving With Road Accident Detection and Reporting	Mr. G Harish & Mr. Syed. Rasheed	International Journal for Science and Advance Research in Technology	2018	2395-1052
27	Implementation of Automatic Pill Dispenser with Biometric authentication using Raspberry Pi	Mr. G Harish & Ms. B. Gayathri Devi	International Journal on Recent Researches in Science, Engineering & Technology	2018	2348-3105
28	Implementation of Raspberry Pi Based Inteli Glove for Gesture to Voice Translation with Location Intimation for Deaf and Blind People	Mrs. P. V. N. Lakshmi & Mr. T. Gopi	IJFRCSCE	2018	2454-4248
29	Automatic Meter Reading and Theft Detection along with Nett Metering for Renewable Energy Harvesting on Roof Tops	Mr. Sonti Naga Raju & Ms. Md. Saira Bhanu	International Journal of Emerging Engineering Research and Technology	2018	2349-4409
30	Implementation of Securing IoT Networks Using HoneyPot Mechanism for Embedded Applications	Mr. K. Vijaya Vardhan & Ms. K. Sita	International Journal of Research	2018	2348-6848

31	Implementation of Embedded Student Day Book Based on Biometric by using Raspberry Pi	Mr. Sonti Naga Raju & Ms. Gavini Naga Sucharitha	Global Journal of HUMAN-SOCIAL SCIENCE: G Linguistics & Education	2018	2249-460x
32	Reducing the Road Side Accidents and Collisions using the Connected Vehicle Technology	Ms. B Renuka, Ms. G. Gopika & Ms. B. Gayathri Devi	International Journal of Innovative Research in Electronics and Communications	2018	2349-4050
33	Detection and Prediction Of Wakeup Stroke Through IoT	M. Suman & Ms. K. Bhuvana	International Journal of Research	2018	2348-6848
34	Design, Simulation, Performance Analysis and Comparison of 1, 2x1, 4x1 & 8x1 Qwt Fed Circular Patch With a Rectangular Slit Antenna Arrays at 'L' Band for Airborne Applications	U Srinivasa Rao, & Mr. P. Siddaiah	International Journal of Control Theory And Applications	2018	0974-5572
35	Local vector pattern with global index angles for a content-based image retrieval system	Mr. Jatothu Brahmaiah Naik, Mr. Ch. Srinivasa Rao, & Mr. K. Giri Babu	The Journal of the Association for Information Science and Technology	2018	2330-1643

36	Enhanced Local Vector Pattern with Logarithmic Function for Content-Based Medical Image Retrieval	Mr. Jatothu Brahmaiah Naik, Mr. Ch. Srinivasa Rao & Mr. K. Giri Babu	Journal of Advanced Research in Dynamical & Control Systems	2018	1943-023X
37	4x4 Circular Patch Phased Array For Airborne Applications	U. Srinivasa Rao, P. Siddaiah	Journal of Theoretical and Applied Information Technology	2018	1992-8645
38	Performance Analysis of QWT Fed 8x8 Phased Array	U. Srinivasa Rao, P. Siddaiah	ARNP Journal of Engineering and Applied Sciences	2018	1819-6608
39	Performance Analysis of QWT Fed 16x16 Phased Array	U. Srinivasa Rao, P. Siddaiah	International Journal of Microwave and Optical Technology	2018	1559-0396