



NARAYANA ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, affiliated to JNTUA, Anantapuram, an ISO 9001:2015 certified institution)

Dhurjati Nagar, GUDUR, Andhra Pradesh-524101

Department of Electronics and Communication Engineering



Journal Publications

S.No	AY	Name of the Staff	Paper Title	Journal	Indexed (SCI/Scopus/UGC)
1.	2019-20	Dr.P.Rajasekar	Implementation of Low Power Null Conventional Logic Function for Configuration Logic Block	Wireless Personal Communications, Volume 107, Number 04, August 2019, ISN 0929-6212	SCI
2.	2019-20	Dr.P.Rajasekar	Wi-Fi Combined Visible Light Communication for Intelligent Transportation System	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, January 2020	Scopus
3.	2018-19	Dr.P.Rajasekar	Iot Based E-Billing and E-Auditing	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-1, May 2019	Scopus
4.	2018-19	Dr.P. Sreenivasulu	Background Removal Using Gaussian Mixture Model	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
5.	2018-19	Mr A.Hazarathaiiah	Hexapod Robot	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
6.	2018-19	Mr B.Sukumar	Automatic Oil Tank Truck Alarm System From Illegal Fuel Hoarding With Microcontroller And Gsm Module Based System	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC

7.	2018-19	Ms.CH. Manjusha	A New Approach To Image Steganography Using Bit Plane Slicing And Convolution	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
8.	2018-19	Dr.P.Rajasekar	Implementation Of AES Algorithm For IOT Applications	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
9.	2018-19	Mr P.Nagaraju	Solar Based Birds Repeller To Protect Crops From Birds And Animals	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
10.	2018-19	Ms R.Prashanthi	A Novel Approach For An Iot Based Patient Health Monitoring System	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
11.	2018-19	Ms S.V.Lakshmi kumari	Gsm Based Bridge Safety Monitoring System	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
12.	2018-19	Ms Y.Neeraja	Fake Currency Detection Using K-Nn Technique	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
13.	2018-19	Mr SK.MD.Hussian Basha	A Novel Approach For An Automatic Student Attendance Marking Using Video Image Processing Techniques	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588 Volume 09, Special Issue 1, May 2019	UGC
14.	2018-19	Mr G. Siva Koteswara Rao	Realization Of Biological Neural Networks With Hindmarsh Rose Neuron Model	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
15.	2018-19	Ms Ch. Manjusha	A Novel Reversible Data Hiding Technique Using Msb Based Prediction Method	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2020	UGC
16.	2018-19	Ms Y.Neeraja	Pest Detection In Agriculture Plantations Using K-Means Clustering	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC

17.	2018-19	Mr SK.MD.Hussian Basha	A Novel Approach For Single Image Dehazing Using Difference Structure Preservance Prior And Digital Image Processing	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
18.	2018-19	Ms P. Manjulamma	Railway Signaling Using Electronic Interlocking System	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
19.	2018-19	Dr.P.Rajasekar	Low Power And Area Optimised Present Grp Cryptography Algorithm	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
20.	2018-19	Ms R.Prashanthi	Vehicle Detection And Counting Using Video Processing	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2026	UGC
21.	2018-19	Mr P.Nagaraju	FPGA Implementation Of Digital GPS Signal Receiver	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
22.	2018-19	Mr B. Malakonda Reddy,	Multi-Functional Monitoring System	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
23.	2018-19	Ms Y.Neeraja	Upper Bound on Ergodic Rate Density of ALOHA Wireless Ad-Hoc Networks by using NS2	Journal of Emerging Technologies and Innovative Research (JETIR) 2349-5162	UGC
24.	2018-19	Mr.Veeraiah	Application of Wireless Sensor Network Healthcare Monitoring Logic Block	Journal of Analysis and Computation (JAC) www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, Jan-June 2019	UGC
25.	2018-19	Ms.Y.Neeraja	Novel Enhanced Communication Co-operative MAC Protocol in MANETS	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES),(UGC APPROVED), e-ISSN:2455-2585, Volume 5, Special Issue 05, May-2019.	UGC
26.	2018-19	Dr.P.Rajasekar	ROBUST ANALAYSIS FOR UP-LINK DETECTION IN LOW COMPLEX 5G WIRELESS MIMO-OFDM SYSTEM	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES),(UGC APPROVED), e-ISSN:2455-2585,	UGC

				Volume 5, Special Issue 05, May-2019.	
27.	2018-19	Mr.B.Malakonda Reddy	Retinal vessel segmentation Contrast Limited Adaptive Histogram Equalization	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588, Impact Factor: 6.565, Volume 09, Special Issue 1, May 2019,	UGC
28.	2017-18	Mr. S. Munirathnam	Assistive Voice Alert Based Smart Stick for Blind People with GPS	International Journal of Engineering Trends And Applications	
29.	2017-18	Mr. A. Hazarathaiiah	A modified partial product generator for Binary Multipliers	International Journal of Engineering Trends And Applications	
30.	2017-18	Mrs. Y. Neeraja	An IoT Based Remote Aquaculture Monitoring System	International Journal of Engineering Trends And Applications	
31.	2017-18	Mr. B. Malakonda Reddy	Satellite Image Dehazing and Steganography Using Novel Method	International Journal of Engineering Trends And Applications	
32.	2017-18	Mr. S. Munirathnam	Automated Gesture Control System Using IoT	International Journal of Engineering Trends And Applications	
33.	2017-18	Mr. P. Nagaraju	Implementing a Full Adder/Subtractor Using Parity Conserving Reversible Gates	International Journal of Engineering Trends And Applications	
34.	2017-18	Mr. A. Hazarathaiiah	Smart Crossing for Pedestrians Using IoT	International Journal of Engineering Trends And Applications	
35.	2017-18	Mr. P.M. Kondaiah	IoT Based Auto Metro Train Shuttle between Stations	International Journal of Engineering Trends And Applications	

36.	2017-18	Mrs. Ch.Manjusha	IoT Based Agriculture System Using Google Assistant	International Journal of Engineering Trends And Applications	
37.	2017-18	Mrs. Y. Neeraja	Accelerometer Based Gesture Controlled Robot	International Journal of Engineering Trends And Applications	
38.	2017-18	Mr. B. Malakonda Reddy	Image Fusion Using Stationary Wavelet Transform and Particle Swarm Optimization	International Journal of Engineering Trends And Applications	
39.	2017-18	Mr. Y. Murali	Antitheft Protection of Vehicle by Using Raspberry PI & GPS with Fingerprint Verification	International Journal of Engineering Trends And Applications	
40.	2017-18	Mrs. Ch.Manjusha	IoT Based Health Care Monitoring System	International Journal of Engineering Trends And Applications	
41.	2017-18	Mr. M. Rajeswara Rao	Vehicle Tracking and Vehicular Emergency System Based on IoT	International Journal of Advanced Technology and Innovative Research	
42.	2017-18	Mr. Sk.Md. Hussian Basha	A Novel Two Stage Correlative Approach for Image Denoising	International Journal of Innovative Research in Science Engineering and Technology	
43.	2017-18	Ms. P. Manjulamma	Ingenious Porter Robot	International Journal of VLSI Design and Communication Systems	
44.	2017-18	Ms. S.V.Lakshmi Kumari	IoT Based Smart Home Interfacing Using Arduino Controlled by Android App	International Journal of Scientific Engineering and Technology Research	
45.	2017-18	Mrs. Y. Supraja	IoT Based Home Automation System using Raspberry PI	International Journal of Advanced Technology and Innovative Research	

46.	2017-18	Mr. G. Sivakoteswara Rao	Design of Smart Electric Meter using IoT	International Journal of Scientific Engineering and Technology Research	
47.	2017-18	Mr. P.M. Kondaiah	The Range Less Robot	International Journal of VLSI Design and Communication Systems	
48.	2017-18	Mr. Sk.Md. Hussian Basha	A Novel Adaptive Resolution Enhancement Algorithm using EPF and DTCWT	International Journal of Innovative Research in Science Engineering and Technology	
49.	2017-18	Mr. M. Rajeswara Rao	Library Management using RFID in Robotics	International Journal of Scientific Engineering And Technology Research	
50.	2017-18	Mr. SK. Shameulla	Voice Controlled Robot using Raspberry PI	International Journal of Innovative Technology	
51.	2017-18	Ms. S.V.Lakshmi Kumari	Design & Implementation of Low Cost Automatic Distribution Transformer Parameters Monitoring and Load Sharing using NODEMCU	International Journal of Scientific Engineering And Technology Research	
52.	2017-18	Mrs. Y. Supraja	Efficient Waste Management in Smart Cities by using IoT	International Journal of Scientific Engineering And Technology Research	
53.	2017-18	Mr. G. Sivakoteswara Rao	Smart Vehicle Security System using GPS and GSM	International Journal of Scientific Engineering And Technology Research	
54.	2017-18	Ms. P. Manjulamma	Intelligent Safety Information Gathering System Using Smart Black Box	International Journal of Scientific Engineering and Technology Research	
55.	2016-2017	Ms. Y. Neeraja	Adaptive Beam Forming Of Dipole Antenna In Under Water Scenario	International Journal Of VLSI System Design And Communication System	

56.	2016-2017	Ms. Y. Neeraja, Mr. B. Malakonda Reddy	Interference Reduction Using DCI In Multiuser MIMO Channels	International Journal Of Advanced Technology And Innovative Research	
57.	2016-2017	Mrs. Y. Neeraja, Ms. Ch. Padmavathi	Coronary Artery Disease Identification Using Acoustic Features Based On QDA	International Journal Of Innovations In Engineering And Technology	
58.	2015-16	Mr. K. Chandrasekhar, Ms. Y. Neeraja	A Joint RDH And Lossless Secure Image And Text Transmission Using Public Key Cryptosystems	International Journal Of Advanced Technology And Innovation Research	
59.	2015-16	Ms. Y. Neeraja	A Joint QRS Detection And Data Compression Scheme For ECG Signal	international journal of scientific engineering and technology research	
60.	2015-16	Mr. Sk.Md. Hussain Basha, Ms. Y. Neeraja	Extremely Low-Light Video Denoising And Enhancement With Tone Mapping & Filters	International Journal Of Innovations In Engineering And Technology	
61.	2015-16	Ms. Y. Neeraja	Efficient Cognitive Radio Systems Using PAPR Reduction And Side Lobe Suppression	International Journal Of Innovation Research In Electronic And Communications	