**G NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (FOR WOMEN) (Autonomous)**
**Shaikpet, Hyderabad**

**ECE Department**

**Total Journal Publications in 2018: 23 , SCI/ESCI/WoS: 02, Scopus: 07, UGC CARE:09 , Others: 05**

| S.No. | Title of paper | Name of the author | Department | Name of journal | Year of publication | ISSN number | Link to website of the Journal | Link to article/paper /abstract of the article | Indexing |
|---|---|---|---|---|---|---|---|---|---|
| 1 | An ICTF-TPWC Approach To Reduce PAPR of the OFDM system | Dr.B.Venkateshulu | ECE | IOSR journal of Electronics and Communication Engineering | 2018 | 2278-8735 | https://www.iosrjournals.org/iosr-jece.html | https://www.iosrjournals.org/iosr-jece/papers/Vol.%2013%20Issue%206/Version-1/B1306010710.pdf | Web of Science |
| 2 | Design and Implementation of 4x4 bit multiplier using DADDA algorithm | Dr.K.Ragini | ECE | Journal of Emerging Technologies and Innovative Research | 2018 | 2349-5162 | https://www.jetir.org | https://www.jetir.org/view?paper=JETIRDC06021 | UGC |
| 3 | Smart Prepaid Energy Meter using GSM and Arduino | P.Shilpa | ECE | International Journal of Management, Technology & Engineering | 2018 | 2249-7455 | http://www.ijamtes.org/ | https://ijamtes.org/gallery/497-dec.pdf | Google Scholar |
| 4 | Design of 2-4 decoders and 4-6 decoders using GDI technique | V.Shankar | ECE | International Journal of Advance Research, Ideas and Innovations in Technology | 2018 | 2454-132X | https://www.ijariit.com | https://www.ijariit.com/manuscripts/v4i5/V4I5-1156.pdf | Google Scholar |
| 5 | Automated Railway Track System by Utilizing GNSS and Hybrid Map Matching Algorithm | N.Harini | ECE | International Journal of Pure and Applied Mathematics | 2018 | 1314-3395 | https://acadpubl.eu/hub | https://acadpubl.eu/hub/2018-119-16/1/105.pdf | UGC |
| 6 | Implementation of low power multiplier using approximate 15-4 compressor | B.Sreekanth Reddy | ECE | Journal of Emerging Technologies and Innovative Research | 2018 | 2349-5162 | https://www.jetir.org/ | https://www.jetir.org/papers/JETIR1809747.pdf | UGC |

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| 7 | QoS aware multicasting using the enhanced differential evolution cuckoo search routing protocol in MANET | Dr.M.Vijayalakshmi | ECE | International Journal of Mobile Network Design and Innovation | 2018 | 1744-2869 | Scopus - International Journal of Mobile Network Design and Innovation | https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054519813&doi=10.1504%2fIJMNDI.2018.095241&partnerID=40&md5=678d29974d6e3c7941074321c7f5a34f | Scopus |
| 8 | Design of a Novel High-Speed- and Energy-Efficient 32-Bit Carry-Skip Adder | Dr.K.Ragini | ECE | Lecture Notes in Networks and Systems | 2018 | 2367-3370 | Scopus - Lecture Notes in Networks and Systems | https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063195142&doi=10.1007%2f978-981-13-3765-9_35&partnerID=40&md5=ac4122337e8d61a0d43ef8875b16feda | Scopus |
| 9 | Design of a Highly Reliable and Reconfigurable Pulsed Latch Circuits | Dr.K.Ragini | ECE | Lecture Notes in Networks and Systems | 2018 | 2367-3370 | Scopus - Lecture Notes in Networks and Systems | https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063219726&doi=10.1007%2f978-981-13-3765-9_34&partnerID=40&md5=07e98b9f423335b558a7d352ad8fa0e9 | Scopus |
| 10 | Bi-orthogonal wavelet transform based single image visibility on hazy scenes | P.Madhuri | ECE | International Journal of Creative Research Thoughts (IJCRT) | 2018 | 2320-2882 | https://ijcrt.org | https://ijcrt.org/papers/IJCRT1893172.pdf | Google Scholar |

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| 11 | Blind DCT-CS watermarking system using subsampling | Dr.Renuka Devi S.M. | ECE | Advances in Intelligent Systems and Computing | 2018 | 2194-5357 | Scopus - Advances in Intelligent Systems and Computing | https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062287761&doi=10.1007%2f978-981-13-3393-4_78&partnerID=40&md5=7e11d6ae84641b134c982ae52f613833 | Scopus |
| 12 | Speed-Breaker early warning system using 77 GHz long-range automotive radar | Dr.Swapna Raghunath | ECE | Advances in Intelligent Systems and Computing | 2018 | 2194-5357 | Scopus - Advances in Intelligent Systems and Computing | https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061099326&doi=10.1007%2f978-981-13-3600-3_73&partnerID=40&md5=0469b0aadb9511b1169d43f6eed8c7cf | Scopus |
| 13 | Design and simulation of parabolic double biquad micro strip patch antenna for UWB applications | N.Krishna Jyothi | ECE | International Journal of Management, Technology and Engineering | 2018 | 2249-7455 | http://ijamtes.org | http://ijamtes.org/gallery/56%20may%20ijmte%20-%20531.pdf | UGC |
| 14 | Design of a low power and high speed 512 bit shift register using static differential sense amplifier shared pulsed latch circuit | Dr.K.Ragini | ECE | IOSR Journal of VLSI and Signal Processing | 2018 | 2319-4197 | https://www.iosrjournals.org | https://www.iosrjournals.org/iosr-jvlsi/papers/vol8-issue2/Version-1/F0802013843.pdf | Google Scholar |
| 15 | Novel Simulink model for detecting liver tumor using multiple threshold method | Rakesh Kumar Y | ECE | International Journal of Creative Research Thoughts | 2018 | 2320-2882 | https://ijcrt.org/?gclid=EAIaIQobChMI0pmJnf7A-QIVAYNLBR3NrgT2EAAYASAAEgJLavD_BwE | https://www.ijcrt.org/papers/IJCRT1812585.pdf | UGC |

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| 16 | Comparative Analysis of Routing Protocols in Wireless Networks | Dr.M.Vijayalakshmi | ECE | International Journal for Research in Applied Science & Engineering Technology | 2018 | 2321-9653 | https://www.ijraset.com/ | https://www.ijraset.com/fileserve.php?FID=15286 | UGC |
| 17 | Automation in Wireless Control System: A Small Review Study of Automation of Water Motor using Zigbee | Ch.Anusha | ECE | International Journal for Research in Applied Science & Engineering Technology | 2018 | 2321-9653 | https://www.ijraset.com/ | https://www.ijraset.com/fileserve.php?FID=15478 | UGC |
| 18 | Adaptive probabilistic routing algorithm for wireless communication networks – A case study of network routing problem | Ch.Anusha | ECE | International Journal of Advance Engineering and Research Development | 2018 | 2348-6406 | http://www.ijaerd.com/ | https://www.researchgate.net/publication/331198402_ADAPTIVE_PROBABILISTIC_ROUTING_ALGORITHM_FOR_WIRELESS_COMMUNICATION_NETWORKS_A_CASE_STUDY_OF_NETWORK_ROUTING_PROBLEM | UGC |
| 19 | IOT based smart irrigation system | P.Roopa ranjani | ECE | International journal of research | 2018 | 2348-6848 | https://internationaljournalofresearch.com/ | https://journals.pen2print.org/index.php/ijr/article/view/13725 | Google Scholar |
| 20 | Performance improvement of 4G OFDM systems using CTSTC techniques | Dr.C.Padmaja | ECE | International Journal of Engineering and Technology | 2018 | 2227-524X | https://www.scimagojr.com/ | https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046100022&doi=10.14419%2fijet.v7i2.21.11850&partnerID=40&md5=6b784c8dd1817e84cbc171c20b7f20c1 | Scopus |

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| 21 | A DCT-CS Watermarking Method for Monochrome and Color Image | Dr.Renuka Devi S.M | ECE | Lecture Notes in Electrical Engineering | 2018 | 1876-1100 | https://www.springer.com/series/7818 | https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041811233&doi=10.1007%2f978-981-10-7329-8_1&partnerID=40&md5=1a16a1a247f87d9c714c5acd3338596d | Scopus |
| 22 | Design of a UWB Planar Monopole Antenna for Breast Cancer Tumour Detection using HFSS | N.Krishna Jyothi | ECE | International Journal of Pure and Applied Mathematics | 2018 | 1314-3395 | https://www.researchgate.net/journal/International-Journal-of-Pure-and-Applied-Mathematics-1314-3395 | https://www.researchgate.net/publication/326253891_Design_of_a_UWB_planar_monopole_antenna_for_breast_cancer_tumour_detection_using_HFSS | UGC |
| 23 | Performance Analysis of 4G Systems with Channel Coding Algorithms | Dr.C.Padmaja | ECE | Indonesian Journal of Electrical Engineering and Computer Science | 2018 | 2502-4752 | https://www.researchgate.net/journal/Indonesian-Journal-of-Electrical-Engineering-and-Computer-Science-2502-4752 | https://www.researchgate.net/publication/322249881_Performance_Analysis_of_4G_Systems_with_Channel_Coding_Algorithms | Web of Science |