**Department of Electronics and Communication Engineering**

**R & D and Consultancy Activities**

**Academic Year 2018-2019**

**Research Publications (Journals)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the Faculty Author** | **Title of the Paper** | **Name of the Journal** | **ISBN/ISSN Number** | **Vol/Month** | **SCIE/UGC/ Scopus** | **URL/DOI** |
|  | Rama Vasantha Adiraju | Design and implementation of high speed modified Russian peasant multiplier using 8-2 adder compressors | International Journal of Research in Electronics & Communication Engineering | ISSN 0976 – 6472 | vol-6 / Sep 2018 | UGC | <https://ijcrt.org/papers/IJCRT_190734.pdf>  |
|  | P.Ramesh Kumar | A Matlab Implementation of Standard Deviation Pooling based Gradient Magnitude Similarity Deviation (GMSD) FR-IQA Model | IJETAE | ISSN 2250-2459 | Vol 8, Issue 11, NOV 2018 | UGC | <https://ijetae.com/files/Volume8Issue11/IJETAE_1118_07.pdf> |
|  | T. Anjaiah | Design and implementation of Stair Climbing Robo controlled by Bluetooth | JETIR | ISSN-2349-5162 | Vol 6, March | UGC | <https://www.jetir.org/view?paper=JETIR1905I84>  |
|  | D. Kishore | A multi feature fusion based CBIR system with kernel principal component analysis | Journal of Engineering Technologies and Innovative Research (JETIR) | ISSN-2349-5162 | Vol 6, March | UGC | [file:///F:/NBA\_ABS/Data/1\_NBA-C5%20-%20New/Missing%20Doc/missing%203/JETIR1903F88.pdf](file:///F%3A/NBA_ABS/Data/1_NBA-C5%20-%20New/Missing%20Doc/missing%203/JETIR1903F88.pdf)  |
|  | B. V. Vijaysri | A Novel Speech Comparison Technique using Optimized Wavelet Transform to Improve the Quality of Auditory Perception under Low SNR Conditions | International Journal of Simulation Systems, Science & Technology | 1473-8031 | Vol 19, Dec 2018 | Scopus | <https://www.scimagojr.com/journalsearch.php?q=19700182218&tip=sid&clean=0>  |
|  | V. Preethi | PIFA Antenna for Wireless Communications | International Journal of Engineering and Techniques | 2395-1303 | - | UGC | - |
|  | P. Swarnalatha,  | IOT Based Real Time Early Warning Bus Information System to Students by E-mail | International Journal of Creative Research Thoughts (IJCRT) | 2320-2882 | Vol 6, April2018 | UGC | <https://www.ijcrt.org/papers/IJCRT1892026.pdf> |
|  | S. Annapurna Devi | Smart Wearable Device for Child Protection | International Journal of Creative Research Thoughts (IJCRT | 2320-2882 | Vol 6, March2018 | UGC | https://www.ijcrt.org/papers/IJCRT1803193.pdf |
|  | K. Parvateesam  | Design and Implementation of an IOT based Efficient and Intelligent Smart Bins by using Raspberry Pi | International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering | 2278-8875 | Vol 7, June 2018 | UGC | <https://www.ijareeie.com/upload/2018/june/16_smart%20bins%20by%20KP.pdf>  |
|  | K. Jaya Ram Kumar | Design of high-speed Wallace tree multiplier using 8-2 and 4-2 adder compressors | International Journal of Engineering & Technology | 1793-8236 | Vol 7, 2018 | UGC | <http://dx.doi.org/10.14419/ijet.v7i4.12261>  |
|  | E Jagadeeswara Rao | Design and Implementation of High Speed Modified Russian Peasant Multiplier using 8-2 Adder Compressors | International Journal of Research and Computer Engineering(IJRECE), | 2229-5518 | vol-6 / Sep 2018 | UGC | <https://ijcrt.org/papers/IJCRT_190734.pdf>  |
|  | R. Anil Kumar | Modified OFDM Receiver Design with Improved Channel Capacity | International journal of Engineering & Technology | 1793-8236 | Vol 7, 2018 | UGC | <https://www.sciencepubco.com/index.php/ijet/article/view/26717/13715>  |
|  | R. Anil Kumar | Out-of-Band Radiation, PAPR and SER Analysis for Future Wireless (5G) Communications | Journal of Advanced Research in Dynamical & Control Systems | 1943023X | Vol 10, 2018 | UGC | <https://www.jardcs.org/backissues/abstract.php?archiveid=6263>  |
|  | K. Parvateesam  | Design and Implementation of IOT Based Smart Surveillance and Intelligent MonitoringSystem Using Raspberry Pi | International Journal of Engineering and Techniques | 2395-1303 | Vol 4, 2018 | UGC | <https://oaji.net/articles/2017/1992-1530784721.pdf>  |
|  | K. Parvateesam  | Design and Implementation of Smart Real Time BluetoothControlled Signal Generator | International Journal of Engineering and Techniques | 2395-1303 | Vol 5, 2019 | UGC | <http://www.ijetjournal.org/volume5/issue3/IJET-V5I3P29.pdf>  |
|  | K. Parvateesam  | Design and Implementation of Real Time Pick and Place Robot Controlled By HandGesture | International Journal of Engineering and Techniques | 2395-1303 | Vol 5, May 2019 | UGC | <http://www.ijetjournal.org/volume5/issue3/IJET-V5I3P16.pdf>  |
|  | K. Parvateesam  | Hand Talk Using Flex Sensors | JETIR | 2349-5162 | Vol 6, May 2019 | UGC | - |
|  | K. Parvateesam  | Design and Implementation of Stair Climbing Robot Controlled By Bluetooth | JETIR | 2349-5162 | Vol 6, May 2019 | UGC | <https://www.jetir.org/view?paper=JETIR1905I84>  |
|  | R. Sai Lakshmi | Raspberry PI passenger car for road safety | International Journal of Engineering and Technniques | 2395-1303 | Vol 4, June 2018 | UGC | <https://oaji.net/articles/2017/1992-1530776264.pdf>  |
|  | Dr. V Vijayasri Bolisetty | Intelligibility measure of a time-frequency weighted compressed noisy speech | International Journal for Innovative Engineering and Management Research | 2456-5083 | Vol 7, June 2018 | UGC | - |
|  | Dr. V Vijayasri Bolisetty | Transformation based Speech Compression for improving speech perception under low SNR conditions | International Journal of Research | 2236-6124 | Vol 7, July 2018 |  |  |