



# Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem - 533437

## 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	SCI E/UGC/Scopus	URL/DOI
1.	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	<a href="https://ijcrt.org/papers/IJCRT_190734.pdf">https://ijcrt.org/papers/IJCRT_190734.pdf</a>
2.	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	<a href="https://ijetae.com/files/Volume8Issue11/IJETAE_1118_07.pdf">https://ijetae.com/files/Volume8Issue11/IJETAE_1118_07.pdf</a>
3.	T. Anjaiah	Design and implementation of Stair Climbing Robo controlled by Bluetooth	JETIR	ISSN-2349-5162	Vol 6, March	UGC	<a href="https://www.jetir.org/view?paper=JETIR1905I84">https://www.jetir.org/view?paper=JETIR1905I84</a>

4.	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	<a href="file:///F:/NBA_ABS/Data/1_NBA-C5%20-%20New/Missing%20Doc/missing%203/JETIR1903F88.pdf">file:///F:/NBA_ABS/Data/1_NBA-C5%20-%20New/Missing%20Doc/missing%203/JETIR1903F88.pdf</a>
5.	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	<a href="https://www.scimagojr.com/journalsearch.php?q=19700182218&amp;tip=sid&amp;clean=0">https://www.scimagojr.com/journalsearch.php?q=19700182218&amp;tip=sid&amp;clean=0</a>
6.	V. Preethi	PIFA Antenna for Wireless Communications	International Journal of Engineering and Techniques	2395-1303	-	UGC	-
7.	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, April 2018	UGC	<a href="https://www.ijcrt.org/papers/IJCRT1892026.pdf">https://www.ijcrt.org/papers/IJCRT1892026.pdf</a>
8.	S. Annapurna Devi	Smart Wearable Device for Child Protection	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Vol 6, March 2018	UGC	<a href="https://www.ijcrt.org/papers/IJCRT1803193.pdf">https://www.ijcrt.org/papers/IJCRT1803193.pdf</a>

9.	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	<a href="https://www.ijareie.com/upload/2018/june/16_smart%20bins%20by%20KP.pdf">https://www.ijareie.com/upload/2018/june/16_smart%20bins%20by%20KP.pdf</a>
10.	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	<a href="http://dx.doi.org/10.14419/ijet.v7i4.12261">http://dx.doi.org/10.14419/ijet.v7i4.12261</a>
11.	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(IJ RECE),	2229-5518	vol-6 / Sep 2018	UGC	<a href="https://ijcrt.org/papers/IJCRT_190734.pdf">https://ijcrt.org/papers/IJCRT_190734.pdf</a>
12.	R. Anil Kumar	Modified OFDM Receiver Design with Improved Channel Capacity	International journal of Engineering & Technology	1793-8236	Vol 7, 2018	UGC	<a href="https://www.sciencepubco.com/index.php/ijet/article/view/26717/13715">https://www.sciencepubco.com/index.php/ijet/article/view/26717/13715</a>
13.	R. Anil Kumar	Out-of-Band Radiation, PAPR and SER Analysis for Future Wireless (5G) Communications	Journal of Advanced Research in Dynamical & Control Systems	19430-23X	Vol 10, 2018	UGC	<a href="https://www.jardcs.org/backissues/abstract.php?archiveid=6263">https://www.jardcs.org/backissues/abstract.php?archiveid=6263</a>

14.	K. Parvateesam	Design and Implementation of IOT Based Smart Surveillance and Intelligent Monitoring System Using Raspberry Pi	International Journal of Engineering and Techniques	2395-1303	Vol 4, 2018	UGC	<a href="https://oaji.net/articles/2017/1992-1530784721.pdf">https://oaji.net/articles/2017/1992-1530784721.pdf</a>
15.	K. Parvateesam	Design and Implementation of Smart Real Time Bluetooth Controlled Signal Generator	International Journal of Engineering and Techniques	2395-1303	Vol 5, 2019	UGC	<a href="http://www.ijetjournal.org/volume5/issue3/IJET-V5I3P29.pdf">http://www.ijetjournal.org/volume5/issue3/IJET-V5I3P29.pdf</a>
16.	K. Parvateesam	Design and Implementation of Real Time Pick and Place Robot Controlled By Hand Gesture	International Journal of Engineering and Techniques	2395-1303	Vol 5, May 2019	UGC	<a href="http://www.ijetjournal.org/volume5/issue3/IJET-V5I3P16.pdf">http://www.ijetjournal.org/volume5/issue3/IJET-V5I3P16.pdf</a>
17.	K. Parvateesam	Hand Talk Using Flex Sensors	JETIR	2349-5162	Vol 6, May 2019	UGC	-
18.	K. Parvateesam	Design and Implementation of Stair Climbing Robot Controlled By Bluetooth	JETIR	2349-5162	Vol 6, May 2019	UGC	<a href="https://www.jetir.org/view?paper=JETIR1905184">https://www.jetir.org/view?paper=JETIR1905184</a>
19.	R. Sai Lakshmi	Raspberry PI passenger car for road safety	International Journal of Engineering and Techniques	2395-1303	Vol 4, June 2018	UGC	<a href="https://oaji.net/articles/2017/1992-1530776264.pdf">https://oaji.net/articles/2017/1992-1530776264.pdf</a>

20.	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	-
21.	Dr. V Vijayasri Bolisetty	Transformati on based Speech Compression for improving speech perception under low SNR conditions	International Journal of Research	2236-6124	Vol 7, July 2018		