



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year 2019-20
R & D and Consultancy Activities

Research Publications (Journals)

S.No	Name of the Author	Title of paper	Name of journal	ISBN/ISSN number	Link of the recognition in UGC enlistment of the Journal
1	Dr. A. Kishore Reddy	Adaptive Traffic Management in Heterogeneous Wireless Networks	International Journal of Innovative Technology and Exploring Engineering	2278-3075	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J10050881019.pdf
2	Dr. D. Regan	An Unsharp masking algorithm embedded with bilateral filter system for enhancement of aerial photographs	International journal of recent technology and engineering	2277-3878	https://www.ijrte.org/wp-content/uploads/papers/v8i4/D4364118419.pdf



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year 2018-19
R & D and Consultancy Activities

Research Publications (Journals)

S. No.	Name of the Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	URL/DOI
1	Mr.M.Mahesh Kumar	A bit-plane decomposition matrix-based VLSI integer transform architecture for HEVC	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162	http://www.jetir.org/papers/JETIRBC06019.pdf
2	Mr.S.Sreenivasulu	A facial-expression monitoring system for improved healthcare in smart cities	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06026
3	Mr. Mohana Krishna	A high accuracy solver for RTE in under water optical communication path loss prediction	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06017
4	Ms.K.Radhika	A novel conveyor belt mechanism for identifying and sorting products	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06014
5	Mr.K.Prabhakar Reddy	An adaptive method for vehicle counting using digital image	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06037

		processing techniques			
6	Dr. D. Regan	An algorithm for concrete crack extraction and identification based on machine vision	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06004
7	Dr. Sd. Jeelan Basha	Automated contrast limited adaptive histogram equalization using intrinsic decomposition and dual gamma correction	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06018
8	Mr. P. Raghava Reddy	Brain tumor detection system using deep learning	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06006
9	Mr. G. Kiran kumar	Cognitive satellite terrestrial network using beam forming approach	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/papers/JETIRBC06022.pdf
10	Ms. P. Madhavi	Data hiding and extraction from images using side match algorithm	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/papers/JETIRBC06020.pdf
11	Dr. S. Parasuraman	Design a reconfigurable rectangular microstrip patch antenna for	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06029

		multiband communication			
12	Mr. P. Raghava Reddy	Design and analysis of carry maskable adder (CMA) for low power application	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06023
13	Ms. C. Durga Tejeswi	Design and implementation of touch based TFT shift register for low power and low noise applications with 18nm technology	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06035
14	Dr. Sk. Mahaboob Basha	Dual alert security device for women using GPS and GSM modules	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06041
15	Dr. Sk. Mahaboob Basha	Energy saving and robust surveillance system using sensors and Raspberry PI	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06040
16	Dr. S. Parasuraman	Enhanced bandwidth and radiation specifications of u-shape multislot antenna for WIMAX application	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06003

17	Ms. Sk. Shahina	Enhancing the security of MISO NOMA SWIPT system using cooperative jamming scheme	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06015
18	Ms. Sk. Shahina	Estimation of channel in MIMO-OFDM systems based on a new adaptive matching pursuit algorithm	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06016
19	Dr. D. Regan	Fake currency recognition system for Indian notes using image processing techniques	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06005
20	Dr. R. Solomon Roach	FPGA implementation and power analysis of 2-parallel UAS based ESPF FIR filter	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06038
21	Mr. P. Raghava Reddy	GUI based quality assessment of rice grain using optical and image processing techniques	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06002
22	Mr. P. V. Krishna Rao	Hand gesture recognition and voice conversion	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06024

		system for dumb and deaf people			
23	Ms. K. Radhika	High accurate person identification combining left and right palm print images	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06028
24	Ms. D. Nagajyothi	High capacity reversible data hiding in encrypted images through MSB prediction-based method	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06030
25	Ms. K. Radhika	Image classification using wavelet and LBP based features for image retrieval applications	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06011
26	Dr. Sd. Jeelan Basha	Image quality assessment based on NIQE, PIQE, GLCM, and LBP using SVM	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06025
27	Mr. Krishna Prasad	Improved dark channel prior for image defogging using RGB and Ycbcr color space	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162	http://www.jetir.org/papers/JETIRBC06012.pdf
28	Mr. U. Sreenivasulu	Indoor air quality monitoring system using IoT	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06033

29	Ms. P. Madhavi	IoT based anti-poaching alarm system for trees in forests	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06021
30	Ms. I. Divya	IoT based remote health monitoring system	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06031
31	Ms. D. Nagajyothi	IoT based toll collection management system	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06013
32	Mr. M. Mahesh Kumar	Low power consumption using non volatile RRAM lookup tables	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06008
33	Mr. M. Sivakrishna	Plant Disease detection and pesticide spraying using DIP and IoT	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/papers/JETIRBC06009.pdf
34	Mr. U. Sreenivasulu	Reduction of PAPR without side information for SFBC MIMO-OFDM systems	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06034
35	Dr. R. Solomon Roach	Resource and power analysis of CSD-VHCSE based reconfigurable fir filter on various FPGA's	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06039
36	Dr. Sd. Jeelan Basha	Secure and robust digital image	Journal of Emerging Technologies and	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06007

		watermarking using detailed DWT coefficients	Innovative Research(JETIR)		
37	Mr. S. Sreenivasulu	Skin segmentation based on improved thresholding method	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06027
38	Mr. K. Prabhakar Reddy	Smart and easy shopping system using IoT	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06036
39	Mr. G. Kiran kumar	Synthesization of low power and area optimized approximate sum-of-products designs based on distributed arithmetic	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view.php?paper=JETIRBC06010
40	Ms. M. Suhasini	Vehicle tracking and locating system based on GPS and GSM	Journal of Emerging Technologies and Innovative Research(JETIR)	2349-5162	http://www.jetir.org/view?paper=JETIRBC06032
41	Dr. A. Kishore Reddy	Adaptive Traffic Management in Heterogeneous Wireless Networks	International Journal of Innovative Technology and Exploring Engineering	2278-3075	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J10050881019.pdf
42	Ms. K. Radhika	A Hybrid Approach For Microwave Imagery Denoising	International Journal of Computer Technology and Applications (IJCTA)	0974-5572	https://serialsjournals.com/abstract/78322_75.pdf
43	Dr. Sk. Mahaboob Basha	A Modified Technique For Effective And	Journal of Emerging Technologies and	2349-5162	http://www.jetir.org/view.php?paper=JETIR1806674

		Quantitative Evaluation Of Brain Tumour	Innovative Research(JETIR)		
44	Ms. K. Radhika	A Neural Network Based Classification Of Satellite Images For Change Detection Applications	Cogent Engineering	2331-1916	https://www.tandfonline.com/doi/full/10.1080/23311916.2018.1484587
45	Dr. D.Regan	Textural Image Segmentation Framework based on Edge Preserving Bilateral Filter	Journal of Advanced Research in Dynamical and Control Systems (JARDC)	1943-023X	https://www.jardcs.org/backissues/archives-special.php?year=2018&issue=12-Special%20Issue&page=10



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Academic Year 2017-18
R & D and Consultancy Activities

S. No.	Name of the Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	URL/DOI
1	Ms. Sk. M. Shahina	A Review Upon Fast Discrete Curvelet Transforms In Satellite Image Processing	International Journal of Current Advanced Research (IJCAR)	ISBN/ISSN number	Link of the recognition in UGC enlistment of the Journal
2	Ms. Sk. M. Shahina	A Robust Approach For Multispectral Image Classification	International Journal of Engineering and Technology (IJET)	2319-6505	http://journalijcar.org/issues/review-upon-fast-discrete-curvelet-transforms-satellite-image-processing
3	Ms. K. Radhika	A Robust Approach For Multispectral Image Classification	International Journal of Engineering and Technology (IJET)	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/22796
4	Dr. D. Regan	A Study On Local Variance Threshold Based Boundary Detector With Median Filter	International Journal of Innovative Research in Electronics and Communications (IJIREC)	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/22796
5	Dr. D. Regan	A Study On Performance Of Bilateral And Trilateral Filters In The Mixed Noise Environment	Journal of Computational and Theoretical Nanoscience (JCTN)	2349-4050	https://www.arcjournals.org/pdfs/ijirec/v5-i1/2.pdf
6	Ms. K. Radhika	A Tutorial on Classification of	International Research Journal of Engineering Technology (IRJET)	1546-1963	https://www.ingentaconnect.com/content/asp/jctn/2018/00000015/f0020006/art00047

		Remote Sensing Data			
7	Ms. M. Suhasini	An Advanced Garbage Monitoring System Using IoT	International Journal of Advanced Technology and Innovative Research (IJATIR)	2395-0056	https://www.researchgate.net/publication/327261147_A_TUTORIAL_ON_CLASSIFICATION_OF_REMOTE_SENSING_DATA
8	Ms. D. Nagajyothi	DACA: The Solution For Future Demands	International Journal of Current Advanced Research (IJCAR)	2348-2370	http://ijatir.org/uploads/421653IJATIR16967-131.pdf
9	Ms. V. Harimadhavi	Design And Analysis Of RF Microelectromechanical Switch For Communications Applications	Journal of Emerging Technologies and Innovative Research (JETIR)	2319-6475	http://journalijcar.org/issues/daca-solution-future-demands
10	Mr. M. Mahesh Kumar	Design Of High-Speed Multiplier By Using Carry Select Adder	International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIT)	2349-5162	63975
11	Mr. U. Sreenivasulu	Dynamic And Reliable Node Auto Configurations To Improve QoS In Wimax Networks	Journal of Advanced Research in Dynamical and Control Systems (JARDCS)	2454-132X	https://www.ijariit.com/manuscript/design-of-high-speed-multiplier-by-using-carry-select-adder/
12	Ms. K. Radhika	Ensemble Subspace Discriminant Classification Of Satellite Images	Journal of Scientific and Industrial Research (JSIR)	1943-023X	https://www.jardcs.org/backissues/abstract.php?archiveid=4278

13	Ms. D. Nagajyothi	Evolutionary Algorithm Based Extreme Learning Machine For Retrieval Of Images	International Journal of Engineering and Technology (IJET)	P:0022-4456, O:0975-1084	http://nopr.niscair.res.in/handle/123456789/45383
14	Ms. K. Radhika	Evolutionary Algorithm Based Extreme Learning Machine For Retrieval Of Images	International Journal of Engineering and Technology (IJET)	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/22795
15	Ms. D. Nagajyothi	Face Recognition Under Non-Uniform Motion Blur, Illumination And Pose Variations	International Journal of Current Advanced Research (IJCAR)	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/22795
16	Ms. Sk. Meharunnisa	Fusion Of Medical Images Using Discrete Wavelet Transform	International Journal of Advanced Technology and Innovative Research (IJATIR)	2319-6475	http://journalijcar.org/issues/face-recognition-under-non-uniform-motion-blur-illumination-and-pose-variations
17	Mr. U. Sreenivasulu	IoT Based Irrigation System By Using Distributed Wireless Network	International Journal of Scientific Engineering and technology Research (IJSETR)	2348-2370	http://ijatir.org/uploads/145362IJATIR16877-117.pdf
18	Mr. P. Raghava Reddy	Low Power And Area Efficient Shift Registers Using Pulsed Latches	International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIT)	2319-8885	http://ijsetr.com/uploads/432615IJSETR16966-247.pdf
19	Dr. Sk. Mahaboob Basha	Modified KPCA Technique For The Estimation Of Metrics For Super resolution Based Application	Journal of Emerging Technologies and Innovative Research (JETIR)	2454-132X	https://www.ijariit.com/manuscripts/v4i3/V4I3-1839.pdf

20	Ms. K. Radhika	Multispectral Image Classification Using Cluster Ensemble Technique	International Journal of Intelligent Systems Technologies and Applications (IJISTA)	2349-5162	63975
21	Ms. K. Radhika	PAPR Reduction for OFDM based Massive MIMO Systems using Selected Mapping Technique	Asian Journal of Science and Technology (AJST)	1740-8873	https://www.inderscienceonline.com/doi/abs/10.1504/IJISTA.2018.091587
22	Dr. R Solomon Roach	Resource Minimization And Power Reduction Of Espffir Filter Using Unified Adder/Subtractor	Analog Integrated Circuits and Signal Processing (AICSP)	0976- 3376	https://www.journalajst.com/sites/default/files/issues-pdf/5966.pdf
23	Mr. U. Sreenivasulu	Selective Transistor Redundancy For Combinational Circuits To Reduce Faults	International Journal of Current Advanced Research (IJCAR)	0925-1030	https://dl.acm.org/doi/10.1007/s10470-018-1284-4
24	Mr. K. Prabhakar Reddy	VLSI Implementation Of Fast Addition Using Quaternary Signed Digit Number System	International Journal of VLSI Design and Communication Systems (IJVDCS)	2319-6475	http://journalijcar.org/issues/selective-transistor-redundancy-combinational-circuits-reduce-faults
25	Mr. K. Prabhakar Reddy	VLSI Implementation Of Fast Addition Using Quaternary Signed Digit Number System	International Journal of VLSI Design and Communication Systems (IJVDCS)	2322-0929	http://www.ijvdc.org/issue.php?issue=ISSUE%201&volume=Volume6&page=9

26	Mr. U. Penchaliah	Survey:Performance Analysis of FIR Filter Design using Modified Truncation Multiplier with SQRD based Carry select Adder	International Journal of Engineering& Technology(IJET)	2322-0929	http://www.ijvdc.org/issue.php?issue=ISSUE%201&volume=Volume6&page=9
27	Ms. K. Radhika	A Random Subspace Based Classification For Temporal Data of Satellite Images	Helix	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/13519
28	Dr. Sk. Mahaboob Basha	An Integrated Approach for Microwave Home Security System	International Journal of Applied Engineering Research (IJAER)	2719-2725	http://helix.dnare.in/wp-content/uploads/2018/02/2719-2725.AP .15.pdf



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Academic Year 2016-17
R & D and Consultancy Activities

Sl. No.	Name of the Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	URL/DOI
1	Ms. K. Radhika	An intelligent system for identification of emergency vehicle or any desired vehicle	International Journal of Advanced Technology and Innovative Research (IJATIR)	2348-2370	http://www.ijatir.org/uploads/125634IJATIR3476-259.pdf
2	Dr. R Solomon Roach	A New Method For Communication Efficiency Using Compression And Data Hiding Based On SMVQ And Image In Painting	International Journal of Advanced Scientific Technologies, Engineering and Management Sciences (IJASTEMS)	2454-356X	https://www.semanticscholar.org/paper/A-New-Method-For-Communication-Efficiency-Using-And-Sreenivasulu-Rao/401f6574504d4fd110a26960ef20d1f4a274c573
3	Dr. Sk. Mahaboob Basha	Design Of Security Robot In Night Vision Using Wireless Video Cameras & Ultra Sonic Sensors	International Journal of Applied Engineering Research (IJAER)	0973-4562	https://pdfs.semanticscholar.org/3636/065ff76ee6e47d49b71d97ac1a472b4abcd1.pdf
4	Dr. Sk. Mahaboob Basha	Design of Security Robot In Night Vision Using Wireless Video Cameras & Ultrasonic Sensors	International Journal of Advance Research and Innovative Ideas in Education (IJARIIE)	2395-4396	https://pdfs.semanticscholar.org/3636/065ff76ee6e47d49b71d97ac1a472b4abcd1.pdf

5	Mr. U. Sreenivasulu	Downlink Scheduling Algorithm For Wi-Max Protocol To Improve Qos	Arabian Journal for Science and Engineering (AJSE)	2193-567X	https://link.springer.com/article/10.1007/s13369-017-2717-6
6	Mr. P. Srikanth	High Image Resolution Using Curvelet And Contourlet Transform For Bio-Medical Applications	International Journal of Advances Research in Science and Engineering (IJARSE)	2319-8354	http://data.conferenceworld.in/IETEAUGUST2017/47.pdf
7	Ms. K. Radhika	Satellite Image Classification And Quality Parameters Using ML Classifier	International Journal of Engineering and Technology (IJET)	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/9441/3250
8	Ms. K. Radhika	Satellite Image Classification And Quality Parameters Using ML Classifier	International Journal of Engineering and Technology (IJET)	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/9441/3250
9	Ms. K. Radhika	Satellite Image Classification Based On Ensemble Subspace Discriminant Method Using Random Subspace Algorithm	Helix	2319-5592	http://helix.dnares.in/wp-content/uploads/2018/02/2714-2718.AP.-14.pdf
10	Ms. K. Radhika	Satellite Image Classification Based On Ensemble Subspace Discriminant Method Using	Helix	2714-2718	http://helix.dnares.in/wp-content/uploads/2018/02/2714-2718.AP.-14.pdf

		Random Subspace Algorithm			
11	Mr. B. Srinivasa Rao	A New Method For Communication Efficiency Using Compression And Data Hiding Based On SMVQ And Image In Painting	International Journal of Innovative Research and Advanced Studies (IJIRAS)	2394-4404	http://www.ijiras.com/2017/Vol_4-Issue_6/paper_101.pdf
12	Ms. D. Naga Jyothi	A Survey On Design And Development Techniques of Non-Invasive Glucometer	International Journal of Advanced Scientific Technologies, Engineering and Management Sciences (IJASTEMS)	2454-356X	http://www.ijastems.org/wp-content/uploads/2017/03/v3.si1_20.A-Survey-on-Design-and-Development-Techniques-of-Non-invasive-Glucometer.pdf
13	Mr. U. Sreenivasulu	Achieving QoS Requirments Using Evolutionary Computation Scheduling Scheme In 802.16network	Journal of Theoretical and Applied Information Technology (JTAIT)	1992-8645	http://www.jatit.org/volumes/Vol83No3/4Vol83No3.pdf



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Academic Year 2015-16
R & D and Consultancy Activities

Sl. No.	Name of the Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	URL/DOI
1	Mr. K. Prabhakar Reddy	IP Core Design of APB Bridge Using AMBA 4.0	International Journal of Modern Engineering Research (IJMER)	2249-6645	http://www.ijmer.com/papers/[NC-%20DATES2K16]%20-%202016/ECE/Version-1/ECE-80-86.pdf
2	Ms. K. Radhika	Latent Finger Print Matching Using Robust Alignment Algorithm	International Journal of Current Research in Life Sciences (IJCRLS)	2319-9490	http://www.ijcrls.com/sites/default/files/issues-pdf/01172.pdf
3	Ms. P. Madhavi	Low Light Video Denoising And Enhancement Using Kalman Filter And tone Mapping Technique	International Journal of Sustainable Development Research (IJSDR)	2455-2631	http://www.ijedr.org/viewpaperforall.php?paper=IJSDR1610006
4	Ms. Y. Rajitha	Privacy Information Protection Of Video Streams Based On Codeword Substitution	International Journal of Information and Education Technology (IJIET)	2319-1058	http://ijiet.com/wp-content/uploads/2016/06/16026.pdf
5	Dr. R Solomon Roach	Reconfigurable Low Power And Area Efficient Espffir Filter Using Vhbcse Multiplier	Journal of Advances in Chemistry	2321-807X	https://www.cirworld.com/index.php/jac/article/view/5301

6	Ms. K. Radhika	Satellite multispectral Image Enhancement Based on Pan Sharpening Under NSCT domain	International Journal of Science, Engineering and Technology Research (IJSETR)	2278-7798	http://ijsetr.com/uploads/126453IJSETR8723-94.pdf
7	Dr. P. Rahul Reddy	Low power testable reversible sequential circuits implementation on FPGA	International Journal of Research(IJR)	2348-6848	https://journals.pen2print.org/index.php/ijr/article/view/5552
8	Dr. P. Rahul Reddy	High throughput power efficient VLSI architecture of fractional Motion Estimation	International Journal of Innovative Research in Computer and communication Engineering(IJIRCCE)	2320-9801	http://www.ijircce.com/upload/2016/january/160_High.pdf
9	Dr. P. Rahul Reddy	Analysis of Low Power and Area efficient shift registers using pulsed latch	International Journal of Electronics and communication Engineering(IJECE)	2348-8352	http://www.internationaljournalsrg.org/IJEC/E/paper-details?Id=128
10	Dr. P. Rahul Reddy	A Novel MAC protocol for Full Duplex WLANS	International Journal of Science Technology &Engineering	2349-784X	https://pdfs.semanticscholar.org/1fe1/de166a4a3098525e472f962c84469f4a39ab.pdf
11	Dr. P. Rahul Reddy	An Internet of Things Approach for Motion Detection using Raspberry Pi	International Journal of Advanced Technology and Innovative Research(IJATIR)	2348-2370	http://www.ijatir.org/uploads/261345IJATIR12294-554.pdf

12	Dr. P. Rahul Reddy	VLSI Design of a Large Number Multiplier for fully Homomorphic Encryption	International Journal of Scientific Engineering and technology Research (IJSETR)	2319-8885	http://ijsetr.com/uploads/345261IJSETR12423-1464.pdf
13	Dr. P. Rahul Reddy	Design of Power Optimal Reversible FIR Filter for Speech Signal Processing	International Journal of VLSI Design and Communication Systems (IJVDCS)	2322-0929	http://www.ijvdc.org/uploads/561243IJVDCS12295-231.pdf
14	Dr. P. Rahul Reddy	Iterative Receiver for Flip OFDM in Optical Wireless Communication	International Journal of Scientific Engineering and technology Research (IJSETR)	2319-8885	http://ijsetr.com/issue.php?issue=ISSUE%2020&volume=Volume6
15	Dr. P. Rahul Reddy	Online Testing for Three Fault Models in Reversible Circuits	International Journal of Scientific Engineering and technology Research (IJSETR)	2319-8885	http://ijsetr.org/?author=1
16	Dr. P. Rahul Reddy	Wifi based communication and Localization of an Autonomous Mobile Robot for Refinery Inspection	International Journal of Scientific Engineering and technology Research (IJSETR)	2319-8885	http://ijsetr.com/uploads/431562IJSETR8497-04.pdf
17	Dr. P. Rahul Reddy	Implementation of Low Delay Error Correction Codes	International Journal of Innovative research in Technology(IJIRT)	2349-6002	http://ijirt.org/master/publishedpaper/IJIRT143264_PAPER.pdf
18	Dr. A. Kishore Reddy	Novel Security System	International Journal & Magazine of Engineering, Technology,	2348-4845	http://www.ijmetmr.com/olnovember2016/ShaikWaheeda-AKishoreReddy-YTejaswi-74.pdf

			Management and Research(IJMETMR)		
19	Dr. A. Kishore Reddy	Performance Analysis Of M-ARRAY PHASE SHIFT KEYING Using Hybrid Selection/ Maxmial Ratio Combining Over Rayleigh Fading	International Journal Scientific Engineering and Technology Research“(IJSETR)	2319-8885	http://ijsetr.com/issue.php?issue=ISSUE%2012&volume=Volume5
20	Dr. Sk. Mahaboob Basha	A New Approach Based On Order Reduction Using Sub Image Formation In Minimizing The Computation Time For Image Compression	International Journal of Signal and Image Processing (IJSIP)	2005-4254	http://docplayer.net/43048134-A-new-approach-based-on-order-reduction-using-sub-image-formation-in-minimizing-the-computation-time-for-image-compression.html
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R & D and Consultancy Activities

Sl. No.	Name of the Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	URL/DOI
1	Dr. D. Regan	A Novel Sensing Noise And Gaussian Noise Removal Methods Via Sparse Representation Using SVD And Compressive Sensing Methods	ARPN Journal of Engineering and Applied Sciences	1819-6608	https://pdfs.semanticscholar.org/048c/b16446336f4a90a10623fff7de325146b202.pdf
2	Dr. D. Regan	Dimensionality Reduction Of Hyperspectral Image Gradient Enhancement Images Using RBF-PCA For Mixed Pixel Wise HSMM Characterization For SVM-FSK Classification	Global Journal of Pure and Applied Mathematics (GJPAM)	1603-1626	https://www.ripublication.com/Volume/gjpam_v11n3.htm
3	Mr. M. Mahesh Kumar	Low Power Multi-Bit Flip-Flops Design For VLSI Applications	International Journal of Engineering Research and Applications (IJERA)	2248-9622	http://www.ijera.com/special_issue/NCDATES/ECE/PART-1/ECE%20126-2631.pdf
4	Dr. D. Regan	Mixed Pixel Wise Characterization Based on HDP-HMM and Hyperspectral Image Shape Detection using Hybrid Canny Edge Detection and WPDF	ARPN Journal of Engineering and Applied Sciences	1819-6608	https://www.researchgate.net/publication/285220281_Mixed_Pixel_Wise_Characterization_Based_on_HDP-HMM_and_Hyperspectral_Image_Shape_Detection_using_Hybrid_Canny_Edge_Detection_and_WPDF

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9	Mr. P. Rahul Reddy	A Review on VLSI Techniques for power optimization and Estimation of Optimization	International Journal & Magazine of Engineering, Technology, Management and Research(IJMETMR)	2348-4545	http://www.ijmetmr.com/olctoiber2015/PRahulReddy-DPrasad-A-19.pdf
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14	Mr. A. Kishore Reddy	Hybrid Diversity Technique for Minimizing Fading	International Journal of Engineering Trends and Technology(IJETT)	2231-5381	https://www.researchgate.net/publication/279517494_Hybrid_Diversity_Technique_for_Minimizing_Fading
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22	Mr. G. Suresh	A Novel Technique for Glaucoma Screening using Optic cup segmentation	International Journal of Scientific Engineering and technology Research (IJSETR)	2278-7798	http://ijsetr.com/issue.php?issue=ISSUE%2031&volume=Volume3&page=3
23	Mr. P. Rahul Reddy	Efficient Real Time Industrial Ethernet Links	International Journal of Science and Research (IJSR)	2319-7064	https://www.ijsr.net/archive/v5i3/v5i3_01.php
24	Mr. B. Srinivasa Rao	Split TCP-Proxy Based Performance Enhancement Over Wireless Cellular Link	JOURNAL OF INTERNATIONAL ACADEMIC RESEARCH FOR MULTIDISCIPLINARY	2320-5083	http://www.jiarm.com/July%202014%20index%20page.pdf

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