



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year 2019-20
R & D and Consultancy Activities

Research Publications (Conference)

Sl. No.	Name of the teacher	Title of the paper	Name of the conference	Mode	Dates / Duration	ISBN number of the proceeding
1	Dr. Shaik Mahaboob Basha	Authentication Using Face Recognition System into Examination Hall	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
2	Dr. Shaik Mahaboob Basha	Retinex Model Based Technique for Estimating Structural Information in Low - Light Images	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
3	Dr. Syed.Jeelani Basha	Real-Time Object Detection Using Opencv and Yolov3.0	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
4	Dr. Syed.Jeelani Basha	Forgery Detection of Medical Images for Smart Healthcare Using Non-Intrusive Technique	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
5	Dr. Syed.Jeelani Basha	A Novel Approach for Image Forgery Detection Using Lateral Chromatic Aberration	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
6	Dr. D. Regan	Generalized Noise Removal in ID Signals Using Deep Learning Neural Networks	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2

7	Dr. D. Regan	Visual Enhancement of Foggy Images in RGB and HSV colour Spaces Using CLAHE	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
8	Dr. D. Regan	Despeckling of SAR Images Using Adaptive Bilateral Filter	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
9	Dr. P. Rahul Reddy	Implementation of Hopfield Network to Digital Neuromorphic Processor in VLSI Design for Machine Learning System	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
10	Dr. P. Rahul Reddy	Reliability Issues and Design Solutions in Advanced CMOS Design	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
11	Dr. A. Kishore Reddy	An Exceptional Approach for Effective Detection of Retinal Lesions in the Screening of Diabetic Retinopathy	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
12	Dr. A. Kishore Reddy	Absorption Light Scattering Model for Low-illumination Image Enhancement	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
13	Ms. K. Radhika	No Reference Stereoscopic Image and Video Quality Assessment by Dual Stream Technique	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
14	Ms. K. Radhika	Automatic Medicine Vending Machine Using Arduino AT Mega 2560	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
15	Mr. P. Raghava Reddy	IoT Based Smart Car Parking System	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020	978-81-946370-4-2

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16	Mr. P. Raghava Reddy	Design and Analysis of MGDI Based Adders and Multiplexers	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
17	Mr. G. Suresh	Grid Side Faults Detection by Using Grid-Tied VSI Protection Based on Voltage	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
18	Mr. G. Suresh	A Novel Approach for Class Oriented Common Object Mapping in Digital Images	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
19	Mr. G. Kiran Kumar	Synthesization of Highly Flexible Low-Latency memory based FFT Processor for 4G and 5G Communications	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
20	Mr. G. Kiran Kumar	Implementation of Mems Technology Based Cardiac Monitoring and Human Fall Detection System	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
21	Mr. S. Sreenivasulu	A Novel Approach for an Automatic Classification of Sea Ice Regions in Sar Images	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
22	Mr. S. Sreenivasulu	Ultra Smart Blind Stick for Visually Impaired Persons	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
23	Ms. M. Suhasini	Implementation of Fir Filter Using Parallel DA Technical	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2

24	Ms. M. Suhasini	A Novel Approach for an Efficient Detection of Manipulated Regions in Color Images	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
25	Mr. P. V. Krishna Rao	An Advanced Speech Command Based Door Automation Using Arduino Uno	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
26	Mr. P. V. Krishna Rao	Google Assistant Controlled Home Automation	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
27	Mr. M. Sivakrishna	Reversible Logic High-Speed Energy Efficient Kogge-Stone Adder	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
28	Mr. M. Sivakrishna	IOT Based Vertical Farming Monitoring System Using Arduino	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
29	Mr. K. Chandra Sekhar	A Novel High Speed Loss less Multi User MIMO-of DM Communication Using Pilot Contamination	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
30	Mr. K. Chandra Sekhar	Design of Low-Power and High-Speed Carry Prediction Adder for Approximate Computing	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
31	Mr. U. Penchalaiah	New Low Power and Low Glitch Conditional Discharge DET Flip-Flops Using Multiple C-Elements	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
32	Mr. U. Penchalaiah	Ultra Low Power and High Performance Dual Edge Triggered D-Flipflop	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020	978-81-946370-4-2

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33	Ms. C. Durga Tejeswi	A Novel Approach for Domain Independent Image to Image Translation	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
34	Mr. Julian P	Image Deblurring Enhancement for Spatially Uniform Blur Model	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
35	Mr. Julian P	Color Image Compression Using Chroma Sub Sampling and Luma Modification	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
36	Mr. T. Suneel Kumar	Digital IC Tester Using a Rduino	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
37	Mr. T. Suneel Kumar	Blood Donor Management System in Ambulance Using GSM and GPS	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 392 days	978-81-946370-4-2
38	Mr. K. V. Bhanu Prakash	Design of Low-Power High-Speed Approximate Multiplier by Using Compressors	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
39	Mr. K. V. Bhanu Prakash	Power Reduction in Logic Circuits using Power Gating for Deep Sub Micron Circuits	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
40	Mr. M.N.L. Narayana Singh	Survey on Power Optimization Using Spectrum Sharing for Next Generation Cellular Networks	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2

41	Mr. M.N.L. Narayana Singh	A Novel Approach for the Design and Analysis of a High Performance Communication System with FTN Transmission	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
42	Mr. B. Srinivasa Rao	Electronic LED display using GSM module	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2
43	Mr. B. Srinivasa Rao	GSM based scrolling single colour LED display board	National Conference on Emerging Technologies in Engineering-2020	Online	14.06.2020 to 15.06.2020 2 days	978-81-946370-4-2



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year 2017-18
R & D and Consultancy Activities

Research Publications (Conference)

Sl. No	Name of the teacher	Title of the paper	Name of the conference	Place / Location	Dates / Duration	ISBN number of the proceeding
1	Ms. K. Radhika	Multi Class Classification of Satellite Images	IEEE Sponsored-International Conference on Innovative Mechanisms for Industrial Applications (ICIMIA)	Dayananda Sagar College of Engineering, Bangalore, Karnataka	21/02/2017 to 23/02/2017	978-1-5090-5960-7
2	Ms. SK. M. Shahina	A Robust Approach For Multispectral Image Classification	International Conference on Advanced Trends in Computer Science & Information Technology (ICATCSIT-18)	GIST, Nellore	24/06/2018 to 25/06/2018	
3	Ms. K. Radhika	A Robust Approach For Multispectral Image Classification	International Conference on Advanced Trends in Computer Science & Information Technology (ICATCSIT-18)	GIST, Nellore	24/06/2018 to 25/06/2018	
4	Dr. SK. Mahaboob Basha	Synthesization of Low Power Folded Tree Digital Signal Processor Architecture for WSN Applications	International Conference on Advanced Trends in Computer Science & Information Technology (ICATCSIT-18)	GIST, Nellore	24/06/2018 to 25/06/2018	
5	Ms. K. Radhika	A Neural Network based Classification of Satellite Images for Change Detection Applications	International Conference on Advances in Engineering, Management & Sciences (ICAEMS)	Santhiram Engineering College, Nandyal	14/07/2017 to 15/07/2017	978-93-85100-78-9
6	Ms.K.Radhika	Multi Spectral image Classification Using Cluster Ensemble and Self Learning	International Conference on Inventive Research in Emerging Technology (ICIRET)	Bankok	30/07/2017 to 31/07/2017	978-81-932480-1-0

7	Ms. K. Radhika	A Random Subspace Based Classification For Change Detection Of Satellite Images	International Conference on Advanced Communication Systems (ICACS)+D4	SVEW, Tirupati	20/10/2017 to 22/10/2017	978-93-5288-058-4
8	Ms. K. Radhika	Satellite Image Classification based on Ensemble Subspace Discriminant method Using Random Subspace Algorithm	International Conference on Advanced Communication Systems (ICACS)	SV Engineering College for Women, Tirupati	20/10/2017 to 22/10/2017	-
9	Ms. K. Radhika	Ensemble Subspace Discriminant Classification of Satellite Images	International Conference on Advances in Engineering, Management & Sciences (ICAEMS)	Santhiram Engineering College, Nandyal	14/07/2017 to 15/07/2017	-



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year 2016-17
R & D and Consultancy Activities

Research Publications (Conference)

Sl. No.	Name of the teacher	Title of the paper	Name of the conference	Place / Location	Dates / Duration
1	Dr. SK. Mahaboob Basha	VLSI, Communication & Signal Processing	National Conference on VLSI, Communication & Signal Processing (NCVCS)	Raja Rajeswari College of Engineering, Mysore	16.05.2017 to 17.05.2017
2	Mr. S. Sreenivasulu	Simulation Of Low Power 9t & 14t Full Adder With Reduce Noise	International Conference on Emerging Trends in Engineering, Management, Science and Technologies (ICEEMST)	RISE Krishna Sai Prakasam Group of Institutions, Ongole	03.03.2017
3	Ms. D .Naga Jyothi	A Survey On Design And Development Techniques Of Non-Invasive Glucometer	International Conference on Innovative Applications in Engineering and Information Technology (IAEIT)	Sri Padmavathi Mahila Vishwavidyalayam, Tirupathi	01.02.2017 to 02.02.2017
4	Ms. D .Naga Jyothi	Producing Non Linear FM Chrip Waveform For Radar	Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES) & Power, Circuit and Information Technologies (ICPCIT)	Madanapalle Institute of Technology & Science, Chittoor	27.04.2017 to 29.04.2017
5	Ms. K. Radhika	Satellite Image Classification of Different Resolution Images using Cluster Ensemble Techniques	IEEE Sponsored-International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (ICAMMAET)	Bharat Institution of Higher Education and Research, Chennai	16.02.2017 to 18.02.2017
6	Ms. K. Radhika	Satellite Image Classification and Quality Parameters Using ML Classifier	Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES) & Power, Circuit and Information Technologies (ICPCIT),	Madanapalle Institute of Technology & Science, Chittoor	27.04.2017 to 29.04.2017
7	Mr. K. Naveen	Producing Non Linear FM Chrip Waveform For Radar	Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES) & Power, Circuit and Information Technologies (ICPCIT)	Madanapalle Institute of Technology & Science, Chittoor	27.04.2017 to 29.04.2017



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year 2015-16
R & D and Consultancy Activities

Research Publications (Conference)

Sl. No.	Name of the teacher	Title of the paper	Name of the conference	Place / Location	Dates / Duration	ISBN number of the proceeding
1	Dr. Syed Jeelan Basha	A Literature Review On Dwt-Svd Based Watermarking Techniques	Indian Institute of Advanced Research - International Conference	Hyderabad, Telangana,	25/06/2016 to 26/06/2016 2 Days	13:78-1533617309.
2	Ms. K. Radhika	A Hybrid Approach for Microwave Imagery Denoising	Joint International Conference on ICAIECES-16 and ICPCIT-16	SRM, Chennai, TamilNadu	19/05/2016 to 21/05/2016 3 Days	-
3	Dr. SK. Mahaboob Basha	An Efficient technique for Detection and Estimation of Abnormality content in MR Images based on Segmentation	Second International Conference on Biomedical systems, Signals and Images (BSSI)	IIT Madras, Chennai	24/02/2016 to 26/02/2016 3 Days	-



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year 2014-15
R & D and Consultancy Activities

Research Publications (Conference)

Sl. No.	Name of the teacher	Title of the paper	Name of the conference	Place / Location	Dates / Duration	ISBN number of the proceeding
1	Mr. K. Prabhakar Reddy	IP Core Design of APB Bridge Using AMBA 4.0	National Conference on Developments, Advances and Trends in Engineering Sciences (NCDATES)	CMR Engineering College, Hyderabad	9/01/2015 to 10/01/2015 2 Days	-
2	Mr. M. Mahesh kumar	Low Power Multi Bit Flip Flop Designs for VLSI Applications	National Conference on Developments, Advances and Trends in Engineering Sciences (NCDATES)	CMR Engineering College, Hyderabad	9/01/2015 to 10/01/2015 2 Days	-
3	Dr. D. Regan	A Novel Framework For Hyperspectral Image Classification With The Development Of Multiple Kernel Machines	IEEE Sponsored 2 nd International Conference - ICIECS'15	Karpagam College Of Engineering, Coimbatore, TamilNadu	19/03/2015 to 20/03/2015 2 Days	978-1-4799-6816-6
4	Dr. D. Regan	Adaptive Artificial Bee Colony Based Parameter Selection For Subpixel Mapping Multiagent System In Remote Sensing Imagery	IEEE Sponsored 2 nd International Conference- ICIECS'15	Karpagam College Of Engineering, Coimbatore, TamilNadu	19/03/2015 to 20/03/2015 2 Days	978-1-4799-6816-6