

Geethanjali Institute of Science and Technology

SUMMARY

Description	2020-21	2019-20	2018-19	2017-18
Conference Publications	85	100	89	18



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

Academic Year 2020-21
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. D. Regan	Underground Cable Fault Detection Using IOT	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
2)	Dr. D. Regan	Image Fusion Based Underwater Image Enhancement	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
3)	Dr. D. Regan	BER Performance of Uplink Massive MIMO with Low-Resolution ADCs	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
4)	Dr. K. Radhika	Object Sorting Based on Shape and Colour Using Raspberry Pi	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
5)	Dr. K. Radhika	Shape and Colour Sorting Automated System using Raspberry Pi	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
6)	Dr. K. Radhika	Assessment of the Effects of Block chain Based Protection in Network Performance	International conference on emerging trends in science, engineering & management (ICETSEM-2021)	Online	21.01.2021 to 23.01.2021	-
7)	Dr. K. Radhika	Design implementation and analysis of different SRAM Cell Topologies	3rd IEEE international conference on Emerging smart computing & Informatics (IEEE-ESCI 2021)	Online	05.03.2021 to 07.03.2021	10.1109/ESCI50559.2021.9396938

8)	Dr. K. Radhika	Design and implementation of Low Power High Speed Robust 10T SRAM	3rd IEEE international conference on Emerging smart computing & Informatics (IEEE-ESCI 2021)	Online	05.03.2021 to 07.03.2021	10.1109/ESCI50559.2021.9396811
9)	Dr. P. Rahul Reddy	Reduction of electrical signal interference for future IC integration-An extensive review	International conference on intelligent technologies-CONIT 2021	Online	25.06.2021 to 27.06.2021, 3-Days	IEEE Conf. Record No-51480
10)	Dr. P. Rahul Reddy	Implementation of Arduino Atmega 2560 Based Smart Energy Meter Through Prepaid Transaction Using IOT	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
11)	Dr. P. Rahul Reddy	Implementation of High Speed and Energy Efficient Random Number Generation Using Quantum Dots	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
12)	Dr. Sk. Mahaboob Basha	Complete Virtual Care Taker System	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
13)	Dr. Sk. Mahaboob Basha	An IOT based Agricultural Crop Monitoring and Protection System from Heavy Rains using Rain Shield	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
14)	Dr. Syed Jeelan Basha	Smart Driver Alert and Rescue System	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
15)	Dr. Syed Jeelan Basha	A Novel Adaptive Framework For Chaotic Image Watermarking Based OnSVD And Robust IWT	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
16)	Dr. Syed Jeelan Basha	Programmable Detection of COVID-19 Infection Using Chest X-Ray ImagesThrough Transfer Learning	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
17)	Mr. G. Kiran Kumar	Characterization of Plant Disease Prediction Using Convolutional NeuralNetwork	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
18)	Mr. G. Kiran Kumar	Analysis of Blood Cell Images and Noise Removal Using Filtering Techniques	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7

19)	Mr. G. Suresh	An Approach For Single MR Image Resolution Enhancement Using ChannelSplitting Framework	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
20)	Mr. G. Suresh	IOT Based Smart Bank Locker System	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
21)	Mr. Julian P	Designing a Lossless Multi Hop Energy Harvesting Links with Distributed Power Control	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
22)	Mr. Julian P	A Reliable Data Transmission for Military Services	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
23)	Mr. K. Chandra Sekhar	IOT Based Real Time Farming Using Raspberry Pi	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
24)	Mr. K. Chandra Sekhar	Power Efficient GM-C DSM's With High Immunity To Aliasing, Clock JitterAnd ISI	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
25)	Mr. K. Naveen	Secure multi-objective Lion Optimization Algorithm based Energy awareRouting for Wireless Sensor Networks	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
26)	Mr. K. Naveen	MIMO Visible Light Communication System With Energy Efficiency Optimization Technique	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
27)	Mr. M. Siva Krishna	Designing BCD Adders Using Quantum Dot Cellular Automata	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
28)	Mr. M. Siva Krishna	Android Notice Board	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
29)	Mr. MNL. Narayan Singh	Fingerprint Based Exam hall Authentication System Using IoT	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
30)	Mr. MNL. Narayan Singh	Public Transport System (Salutory) in the Covid-19 Pandemic By Using IOT	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7

31)	Mr. P. Raghava Reddy	Multifunctional Quadrotors	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
32)	Mr. P. Raghava Reddy	Performance Analysis of Alzheimer's Disease Detection System with Various Classifiers	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
33)	Mr. P. V. Krishna Rao	Detecting the Clouds and Determining the Weather Condition, Coverage Area of Cloud Simultaneously Using CNN	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
34)	Mr. P. V. Krishna Rao	Smart Card Based Fuel Supply System	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
35)	Mr. S. Sreenivasulu	High Speed Three Operand Adder using Kogge-Stone adder	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
36)	Mr. S. Sreenivasulu	Advance Eye Controlled Wheelchair for Disabled Person	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
37)	Mr. Shaik Khadar Basha	IoT Based Smart Traffic Control System with Ambulance Clearance Mechanism for Smart Cities	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
38)	Mr. Shaik Khadar Basha	Zigbee Controlled Floor Cleaning Robot	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
39)	Mr. T. Suneel Kumar	Advanced Shopping Cart Using GSM and IoT	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
40)	Mr. T. Suneel Kumar	Design of Monopole Antenna for Brain cancer detection	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
41)	Mr. U. Penchalaiah	Area and Delay Efficient Ripple Borrow Half Select Subtractor	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
42)	Mr. U. Penchalaiah	Design of High Speed Finite Impulse Response Filter by Using Data Scaling Technology With Fixed Width Booth Multiplier	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7

43)	Ms. CH. Yamini	Identifying Liver Cancer Using Image Processing Techniques	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
44)	Ms. CH. Yamini	A Novel Proposal of MIMO Systems in Underground Tunnels for Future Mobile Communications	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
45)	Ms. K. SravaniKumari	Smart Driver Alert System Using RFID Sign Boards	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
46)	Ms. K. SravaniKumari	Multifunctional Quadrotors	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
47)	Ms. M. Suhasini	Smart Nursing Robot with UV Sterilization for Covid Patients	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
48)	Ms. M. Suhasini	Design of a Microstrip Patch Antenna in Ism 2.4 GHz Band Breast Tumour Detection	National Conference on Emerging Technologies in Engineering NCETE-2021	Online	10.07.2021	978-1-956102-14-7
49)	Dr.TNVLN.Kumar	Phase over Current Protection for Load Using Micro Controller Based on Definite Time	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
50)	Dr.TNVLN.Kumar	Factory or Substation Feeder ON, OFF and Trip monitoring through Mobile	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
51)	Dr.T.Ravikumar	Hybrid Inverter with Overload Tripping Through IoT	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
	Dr.T.Ravikumar	Feeder Protection from Over Load and Earth Fault Relay by Microcontroller	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5

52)	Mr.Sridhar Srestaluri	A Novel Approach to Over Voltage and Over Current Protection of Simple Single Phase Two Terminal Systems Utilizing Arduino Uno	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
53)	Mr.Sridhar Srestaluri	IOT Based Automatic Vehicle Accident Detection and Rescue System	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
54)	Mr.MuaraliDasari	Auto Indoor Hydro Phonic Fodder Grow Chamber	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
55)	Mr.MuaraliDasari	220 KV Feeder management relay control and operation	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
56)	Mr.M.Rajesh	Under Voltage and Voltage Protection for domestic Equipment's and Motors Using Arduino	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
57)	Mr.K.VenkataRavindra	Control, Operation and Protection of Star-delta starter for 3-phase Induction Motor by Microcontroller	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
58)	Ms.Ch.SilpiPriyanka	Smart Meter Power Factor Enhancement in Real Life	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
59)	Mr.V.Anajaneytulu	Transformer Multiple Faults Detection by Microcontroller and Conventional Methods	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5

60)	Mr.P.Naga Kondaiah	Design and Development of an Agri-bot Automatic Seeding, Watering Applications and Disease Detection	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
61)	Mr.N.Prasad	Prepaid electricity billing meter Using GSM	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
62)	Mrs.G.Vasundhara	Power Balancer in Power Distribution Networks Using Integrated Photovoltaic-Electric Spring System	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	Geethanjali Institute of Science and Technology, Nellore	10-07-2021	978-0-309-28669-5
63)	Dr T.Sunil Kumar	Thermal analysis and fabrication of TVS Fero engine block rectangular fins	NCRTIME 2K21	Geethanjali Institute of Science and Technology	05/07/2021	GIST, Nellore ISBN: 97881-936606-2-1
64)	Dr Ch. Sreenivasa Rao	Application of evaporative cooling on the condenser of window-air-conditioner	National Level e-Conference on "Recent Advances in Technology & Engineering	Geethanjali Institute of Science and Technology	20-21 Aug'2021	Vemu Institute of Technology,Chittoor ISBN -13: 978-93-80831-42-8
65)		Heat transfer analysis of engine cylinder fins by varying cooling fluids	NCRTIME 2K21	Geethanjali Institute of Science and Technology	05/07/2021	GIST, Nellore ISBN: 97881-936606-2-1
66)	Mr.V,Ramu	Structural and thermal analysis of a rotating blade of a gas turbine	NCRTIME 2K21	Geethanjali Institute of Science and Technology	05/07/2021	GIST, Nellore ISBN: 97881-936606-2-1
67)	Mr.Y. Murali Krishna	Design and analysis of drum brake shoe for a four wheel solar powered vehicle	NCRTIME 2K21	Geethanjali Institute of Science and Technology	05/07/2021	GIST, Nellore ISBN: 97881-936606-2-1
68)	Mr. K.R.Sreedhar	Design of light weight, low cost Prosthetic hand	NCRTIME 2K21	Geethanjali Institute of Science and Technology	05/07/2021	GIST, Nellore ISBN: 97881-936606-2-1
69)	Mr.SK. Rahamath Basha	Design and CFD analysis of steam generator	NCRTIME 2K21	Geethanjali Institute of Science and Technology	05/07/2021	GIST, Nellore ISBN: 97881-936606-2-1
70)	Ms.G.Nilima	Dynamic analysis of chasis of solar powered vehicle	NCRTIME 2K21	Geethanjali Institute of Science and Technology	05/07/2021	GIST, Nellore ISBN: 97881-936606-2-1
71)	P.Umasai Krishna		Emerging Trends in Civil Engineering	Narasaraopeta Engineering College,		-

72)	P. Bhanu Sri		Experimental Investigation on partial replacement of coarse aggregate and fine aggregate with E waste and plastic particles in concrete	Narasaraopeta Engineering College,		-
73)	Ms.K.Vijaya	Online Work Shop on Universal Human Values on the theme Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)		14-18 December 2020	-
74)	Dr. Ch. Kalyani	Online Work Shop on Universal Human Values on the theme “Inculcating Universal Human Values in Technical Education”	All India Council for Technical Education(AICTE)	Online	14-18 December 2020	-
75)	Dr. Ch. Kalyani	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	Online	30th Nov. to 4th Dec. 2020	-
76)	Ms. M. Gayatri	Online Work Shop on Universal Human Values on the theme Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)		14-18 December 2020	-
77)	Dr. Narayana. Kunda	One week online workshop on “ Recent trends in domination in graphs: Algorithms, Complexity and - applications(WRTDG	National Institute of Technology Warangal	Online	From 15 th to 19 th June, 2020	-

		2020) ”				
78)	Dr. Narayana. Kunda	Five Days e-Workshop on LaTeX	Department of Mathematics, School of Science, GITAM, Bengaluru, India	Online	From 5th to 9th July 2021	-
79)	Dr. Narayana. Kunda	One Week Virtual International Lecture Workshop on “ New Advances in Mathematical and Computational Sciences (NAMCS-2021) ”	Yogi Vemana University, Kadapa	Online	13.09.2021	-
80)	Dr. G. Siva Kumar	Online WorkShop on Universal Human Values on the theme Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)	Online	14-18 December 2020	-
81)	Dr. G. Siva Kumar	Three day National Level Workshop on MATLAB for Beginners	Srimad Andavan Arts and Science College	Online	28-7-21 to 30-07-21	-
82)	Dr. Ch. Kalyani	International Conference on Bridging Innovative Trends in Mathematics, Engineering & Technology” [BITMET’20]	Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu, India	Online	18-12-2020 to 19-12-2020.	-

83)	Dr. Ch. Kalyani	Research Advances in Science & Engineering	Department of Mechanical Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati	Online	14-06-2021 to 18-06-2021.	-
84)	Dr. Ch. Kalyani	NAAC Assessment & Accreditation : A Step by Step Process	Chadalawada Ramanamma Engineering College, Tirupati, Andhra Pradesh	Online	27-05-2021 to 29-05-2021	-
85)	Dr. Ch. Kalyani	One Week Recent Trends in Research Article Writing	REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India.	Online	22-03-2021 to 27-03-2021	-

Academic Year 2019-20
Research Publications (Conference)

S.No	Name of the teacher	Title of the paper	Name of the conference	Place / Location	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.Jeelan 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.Jeelan 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.Jeelan 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	National Conference on Emerging	Online	14.06.2020 to 15.06.2020	978-81-946370-4-2

		and Video Quality Assessment by Dual Stream Technique	Technologies in Engineering-2020		2 days	
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 2 days	978-81-946370-4-2
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 2 days	978-81-946370-4-2
33)	Ms. C. DurgaTejeswi	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 arduino	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
44)	Dr.T.N.V.L.N Kumar	Multi-Objective Parameter Setting of UPFC in Wind Power	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
45)	Dr.T.N.V.L.N Kumar	Coordination Between Transmission and Distribution System Operators	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2

46)	Mr.S.Sridhar	Series Connected Full-Bridge Converters with A Modified DC Power Electronic Transformer	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
47)	Mr.S.Sridhar	Phantom Power Minimization of a Dual Active Brdige Using Duty Ratio Control	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
48)	Dr.T.Ravi kumar	Fuzzy controlled based APF in Micro-Grid Distribution System for Harmonic Reduction	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
49)	Dr.T.Ravi kumar	Distributed DC Grid-connected PV System with an Independent Output Voltage-Sharing Control by Using a Three-Port Converter	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
50)	Dr.P.Vinoth Kumar	Regulation of Energy Storage Capacities in AC Micro Grids Using Half Breed Electric Srings Regulation of Energy Storage Capacities in AC Micro Grids Using Half Breed Electric Srings	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
51)	Dr.P.Vinoth Kumar	Stability Forecasting in Smart Grid with Sliding Window Based Transient Stability Assessment	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
52)	Mr Murali.Dasari	Speed Control of Public Drive With Modified Luo Converter	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
53)	Mr.Murali.Dasari	Fault Detection of Transmission Lines Using Arduino	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
54)	Mr K.Dayakar	Improving the Stability of Isolated Power system by Using Reactive Power Compensators in Large Wind Farms	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
55)	Mr K.Dayakar	Grid Side Faults Detection by Using Grid-Tied VSI Protection Based on Voltage	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
56)	Mr.M.Rajesh	Decentralized Economic Load Dispatch and Load Frequency/Voltage Control of an Islanded Hybrid AC/DC Microgrids	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
57)	Mr.K Venkata Ravindra	220KV Bay Control and Protection by Micro Controller Chip using Arduino	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
58)	Mr.K Venkata Ravindra	Isolated Current Sensing Technique for the Grid-Tied Photovoltaic Fly	National Conference on Emerging Technologies in	GIST, Nellore		978-81-946370-4-2

		Back Micro inviter	Engineering-2020		14-06-2020	
59)	Mr P.Naga Kondaiah	PV Battery Frame work is Connected to Hybrid Micro Grid for Both Grid-Connected and Islanded Modes Under Force the Executives Framework and Unified Control	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
60)	Mr.V.Anjaneyulu	Rural Electrification of DC Nanogrid Clusters in Developing Regions by Using Decentralised Control Architecture	National Conference on Emerging Technologies in Engineering-2020	GIST, Nellore	14-06-2020	978-81-946370-4-2
61)	K venkata ravindra	Micro Controller Based Feeder Protection And Control	CRATE-2020	GIST, Nellore	20,21-08-2021	ISBN-13:978-93-80831-42-8
62)	K Venkata Ravindra	Isolated Current Sensing Technique For Pv Flyback Micro Inverter	CRATE-2020	GIST, Nellore	20,21-08-2021	ISBN-13:978-93-80831-42-9
63)	Dr T. Sunil Kumar	Non-Destructive crack detection technique based on surface temperature in ceramic matrix composites	Recent Advances in Computational and Experimental Mechanics	IIT, Kharagpur	4-6 Sep'2020	
64)	Dr T. Sunil Kumar	Design and Fabrication of pick and place Robotic arm	NCRTIME 2K20	GIST, Nellore ISBN: 97881-936274-0-2	30/06/2020	ISBN: 97881-936274-0-2
65)	Dr Ch. Sreenivasa Rao	Development of High Performance Solar Collector using TiO ₂ -Water Nano fluid	National Level e-Conference on "Recent Advances in Technology & Engineering	Vemu Institute of Technology,Chittoor	20-21 Aug'2020	ISBN -13: 978-93-80831-42-8
66)	Dr Ch. Sreenivasa Rao	Analysis of Nanofluid based Solar collector	NCRTIME 2K20	GIST, Nellore	30/06/2020	ISBN: 97881-936274-0-2
67)	Mr.M.Mahendra Babu	Performance evaluation of glass/epoxy composite with carbon Nano tubes	NCRTIME 2K20	GIST, Nellore	30/06/2020	ISBN: 97881-936274-0-2
68)	Mr.Y. Murali Krishna	Modelling and structural analysis of Naca 2412 aircraft wing with Aluminum alloy and Ti-6 Al-4V material	NCRTIME 2K20	GIST, Nellore	30/06/2020	ISBN: 97881-936274-0-2
69)	Mr.Ch. Mani Kiran	Fabrication and testing of Pneumatic gear shift mechanism	NCRTIME 2K20	GIST, Nellore	30/06/2020	ISBN: 97881-936274-0-2
70)	Mr.SK. Rahamath	Modelling and fabrication of Geneva	NCRTIME	GIST,	30/06/2020	ISBN: 97881-936274-

	Basha	wheel based seed ball sowing machine	2K20	Nellore		0-2
71)	Mr. I Venkatesh	Design and static analysis of Pelton turbine bucket	NCRTIME 2K20	GIST, Nellore	30/06/2020	ISBN: 97881-936274-0-2
72)	Mr.N.Anjaneyulu	Design and structural analysis of front bumper of a car	NCRTIME 2K20	GIST, Nellore	30/06/2020	ISBN: 97881-936274-0-2
73)	Mr.C.Subrahmanyam	Modelling and thermal examination of Rocket Jet nozzle coated with Ultra high temperature Ceramics	NCRTIME 2K20	GIST, Nellore	30/06/2020	ISBN: 97881-936274-0-2
74)	P.Umasai Krishna	Necessity of Automated Highway System to reduce accident rate in forthcoming days.	NCET	Narayana Engineering College, Gudur	23-06-2020	ISBN: 978-93-82829-87-4
75)	P.Umasai Krishna	Characterstics of stone matrix asphalt by using fibres as additives	ETCE	KLU,Vaddeswaram	27-06-2020 to 28-06-2020	
76)	P.Umasai Krishna	Effectiveness of sodium polyacrylate to enhance the properties of concrete under self curing process	ETCE	KLU,Vaddeswaram	27-06-2020 to 28-06-2020	
77)	P.Umasai Krishna	Laboratory investigation on stone matrix by using steel wool fibres	ETCE	KLU,Vaddeswaram	27-06-2020 to 28-06-2020	
78)	P.Amjath Khan	Necessity of Automated Highway System to reduce accident rate in forthcoming days.	NCET	Narayana Engineering College, Gudur	23-06-2020	ISBN: 978-93-82829-87-4
79)	Sk.Dilkusha	Laboratory investigation on stone matrix by using steel wool fibres	ETCE	KLU,Vaddeswaram	27-06-2020 to 28-06-2020	
80)	P.Bhanu sri	U-Boot technology	ETCE	KLU,Vaddeswaram	27-06-2020 to 28-06-2020	
81)	Dr. PM. Kishore	Online conference on “Laplace Trasforms and their Applications in Engineering	Kings engineering college,	Chennai	27 th June, 2020	
82)	Ms. K.Vijaya	National Conference on Mathematics Statistics and Applications	Vegan’s Foundation for Science, Technology and Research, Vadlamudi, Guntur	Guntur	19 th & 20 th July 2019	
83)	Ms. K.Vijaya	International Symposium on “Resent Trends in Mathematical Sciences”	Department of Mathematic, School of advanced sciences, VIT.	Vellore, India	July 15 th to 16 th 2019	
84)	Ms. K.Vijaya	One Day National Workshop cum hands on training on “ R	Department of Mathematics, KL	Guntur	13 th Dec 2019	

		Programming & Statistical Techniques ”	Education Foundation			
85)	Dr,G.Siva Kumar	National Conference on mathematica and its applications	SV University		28 th &29 th ,march 2019	
86)	Dr. P. Chakrapani	A Two day National Conference on Innovations and Engineering trends in management Science	Nalla Narasimha Reddy Education society’s Group of institutions- Integrated Campus		29 th &30 th march 2019	
87)	M.Krishana Prasad	National conference on Engineering Trends in /electronics & Communications	GIST, Nellore		12 th April, 2019	
88)	Dr.Ch. Kalyani	Three day international work shop on Epidemic Modelling	SVKM’s NMIMS, Mumbai		8 th to 10 th , June 2020	
89)	Dr. Ch. Kalyani	Three Days Online Basic Optimization Technology Workshop	Rest Society for Research International (RSRI)	Tamilnadu)	4 th to 6 th May 2020	
90)	Dr. Ch. Kalyani	Three Days Online Research Method Workshop	Rest Society for Research International	Tamilnadu	28 th to 30 th April 2020	
91)	Dr. Ch. Kalyani	National Level Workshop on “Image Classification using MATLAB”	Jain Deemed to be University	Bangalore	24 th May 2020	
92)	Ms. M.Gayatri	One day National Workshop on R- Programming And Statistical Techniques	K.L.E.F, Vijayawada.	Vijayawada.	13 th Dec 2019	

93)	Dr. Ch. Kalyani	One day Workshop on “Linux”	ICT-IIT Bombay	Bombay	23rd August 2019	
94)	Dr.PM. Kishore	Online Conference on :Laplace Transforms and their applicationsin	Kings Engg College, Chennai		27-June-2020	
95)	Dr.Ch Kalyani	A three day international work shop on Epidemic modelling	Mukesh patel School of technology management & Engineering, SVKM’s NMIMS, Mumbai		8-10 June 2020	
96)	Dr.Ch Kalyani	A three days Online Basic Optimization Technology work shop	Rest society for research international		4-6 May 2020	
97)	Dr.Ch Kalyani	Three Days Basic online research method work shop	Rest society for research international		28-30 April 2020	
98)	Dr.Ch Kalyani	One day online national level workshop on image classification using Matlab	Jain University, Bangalore		24 May 2020	
99)	M.Gayatri	One day national work shop cum hands on training on r programming & Statistical Techniques	KLU Vijayawada		13 DEC 2019	
100)	M. Krishna Prasad	Oneday work shop on eSIM, a first course in the IoT Series for teachers	GIST, Nellore		21 SEP 2019	

Academic Year 2018-19
Research Publications (Conference)

S. No	Name of the author	Title of paper	Name of Conference	Organized By	Date/s	ISBN/ISSN Number
1	Dr. Vedururu Sireesha	Learner Centric Process in Higher Education Institutions	Two Days Conference On Innovative Mechanisms & Standards For Assuring Quality In Higher Education Institutions-IAQHEI'2019	K L Deemed to be University	22-03-2019 to 23-03-2019	---
2	Dr. Nagendra Kumar P	Performance Analysis of Dimensionality Reduction Techniques in the context of Clustering	National Conference on Developments in Information and Communication Technology for emerging Regions	Sri Padmavathi Mahila Visvavidyalay am	28-01-2019 and 29-01-2019	2249-0701
3		Performance analysis of Median Filter with respect to different Padding Methods in the context of removing Salt and Pepper Noise	National Conference on Developments in Information and Communication Technology for emerging Regions	Sri Padmavathi Mahila Visvavidyalay am	28-01-2019 and 29-01-2019	2249-0701
4	Dr. D. Regan	An algorithm for concrete crack extraction and identification based on machine vision	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
5	Dr. D. Regan	Fake currency recognition system for Indian notes using image processing techniques	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR

6	Dr. R. Solomon Roach	FPGA implementation and power analysis of 2-parallel UAS based ESPF FIR filter	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
7	Dr. R. Solomon Roach	Resource and power analysis of CSD-VHCSE based reconfigurable fir filter on various FPGA's	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
8	Dr. S. Parasuraman	Design a reconfigurable rectangular microstrip patch antenna for multiband communication	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
9	Dr. S. Parasuraman	Enhanced bandwidth and radiation specifications of u-shape multislot antenna for WIMAX application	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
10	Dr. Sd. Jeelan Basha	Automated contrast limited adaptive histogram equalization using intrinsic decomposition and dual gamma correction	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
11	Dr. Sd. Jeelan Basha	Image quality assessment based on NIQE, PIQE, GLCM, and LBP using SVM	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
12	Dr. Sd. Jeelan Basha	Secure and robust digital image watermarking using detailed DWT coefficients	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
13	Dr. Sk. Mahaboob Basha	Modified KPCA Technique for the Estimation of metrics for Super Resolution based Application	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
14	Dr. Sk. Mahaboob Basha	Dual alert security device for women using GPS and GSM modules	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
15	Dr. Sk. Mahaboob Basha	Energy saving and robust surveillance system using sensors and Raspberry PI	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
16	Dr. Sk. Mahaboob Basha	Synthetization of Low power folded tree Digital Signal Processor Architecture for WSN Applications	ICATCSIT-2018	GIST, Nellore	12.04.2019 and 13.04.2019	Published in Journal-IJET
17	Mr. G. Kiran Kumar	Cognitive satellite terrestrial network using beam forming approach	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR

18	Mr. G. Kiran Kumar	Synthesization of low power folded tree digital signal processor Architecture for WSN Applications	ICATCSIT-2018	GIST, Nellore	24-25, August	Published in Journal-IJET
19	Mr. G. Kiran Kumar	Synthesization of low power and area optimized approximate sum-of-products designs based on distributed arithmetic	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
20	Mr. K. Prabhakar Reddy	An adaptive method for vehicle counting using digital image processing techniques	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
21	Mr. K. Prabhakar Reddy	Smart and easy shopping system using IoT	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
22	Mr. M. Krishna Prasad	Improved Dark Channel prior for image defogging using RGB and YCbCr color space	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
23	Mr. M. Mahesh Kumar	A bit-plane decomposition matrix-based VLSI integer transform architecture for HEVC	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
24	Mr. M. Mahesh Kumar	Low power consumption using non-volatile RRAM lookup tables	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
25	Mr. M. Sivakrishna	Plant Disease detection and pesticide spraying using DIP and IoT	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
26	Mr. Mohana Krishna	A high accuracy solver for RTE in under water optical communication path loss prediction	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
27	Mr. P. Raghava Reddy	Brain tumour detection system using deep learning	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
28	Mr. P. Raghava Reddy	Design and analysis of carry maskable adder (CMA) for low power application	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
29	Mr. P. Raghava Reddy	GUI based quality assessment of rice grain using optical and image processing techniques	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
30	Mr. P. V. Krishna Rao	Hand gesture recognition and voice conversion system for dumb and deaf people	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR

31	Mr. S. Sreenivasulu	A facial-expression monitoring system for improved healthcare in smart cities	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
32	Mr. S. Sreenivasulu	Skin segmentation based on improved thresholding method	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
33	Mr. U. Sreenivasulu	Basic Survey: Different Channel Scheduling Strategies In OFDM Systems	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
34	Mr. U. Sreenivasulu	Indoor air quality monitoring system using IoT	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
35	Mr. U. Sreenivasulu	Reduction of PAPR without side information for SFBC MIMO-OFDM systems	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
36	Ms. C. DurgaTejeswi	Design and implementation of touch based TFT shift register for low power and low noise applications with 18nm technology	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
37	Ms. D. Nagajyothi	High capacity reversible data hiding in encrypted images through MSB prediction-based method	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
38	Ms. D. Nagajyothi	IoT based toll collection management system	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
39	Ms. I. Divya	IoT based remote health monitoring system	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
40	Ms. K. Radhika	A novel conveyor belt mechanism for identifying and sorting products	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
41	Ms. K. Radhika	High accurate person identification combining left and right palm print images	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
42	Ms. K. Radhika	Image classification using wavelet and LBP based features for image retrieval applications	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
43	Ms. M. Suhasini	Vehicle tracking and locating system based on GPS and GSM	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR

44	Ms. P. Madhavi	Data hiding and extraction from images using side match algorithm	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
45	Ms. P. Madhavi	IoT based anti-poaching alarm system for trees in forests	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
46	Ms. Sk. Shahina	Enhancing the security of MISO NOMA SWIPT system using cooperative jamming scheme	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
47	Ms. Sk. Shahina	MIMO-OFDM channel estimation based on a sparse recovery-NAMP algorithm	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC)	GIST, Nellore	12.04.2019 and 13.04.2019	Published in UGC Journal-JETIR
48	Dr.A.Jaffar Sadiq Ali	Wind Energy system coupled with Bidirectional Quazi Z source inverter for Motor Applications	International conference on Advanced Trends in computer Science & Information Technology(ICATCSIT-18)	GIST, Nellore	24.08.2018 and 25.08.2018	
49	Dr.A.Jaffar Sadiq Ali	IoT Based Smart Energy Meter	National conference on Innovative technologies in Electrical Engineering	GIST, Nellore	30.03.2019	
50	Dr.P.Vinoth Kumar	Wind Energy system coupled with Bidirectional Quazi Z source inverter for Motor Applications	International conference on Advanced Trends in computer Science & Information Technology(ICATCSIT-18)	GIST, Nellore	24.08.2018 and 25.08.2018	
51	Dr.P.Vinoth Kumar	Fault Diagnosis for DFIG Wind Turbine using Wavelet Transform	National conference on Innovative technologies in Electrical Engineering	GIST, Nellore	30.03.2019	
52	Dr.Raja Reddy Duvvuru	Analysis of Solar PV System Under Shadow Conditions by using Optimization Technique	National conference on Innovative technologies in Electrical Engineering	GIST, Nellore	30.03.2019	
53	Dr.T.Ravi Kumar	Monitoring and Protection of Distribution Transformer using GSM Module	National conference on Innovative technologies in Electrical Engineering	GIST, Nellore	30.03.2019	
54	Dr.T.Ravi Kumar	Particle Swarm Optimization for Optimal Siting and Sizing of multiple Distributed Generators	National conference on Innovative technologies in Electrical Engineering	GIST, Nellore	30.03.2019	
55	Dr.T.Ravi Kumar	Distributed Generation Optimal Placement and Sizing in Unbalanced Distributed System with Respect to Uncertainties	National conference on Innovative technologies in Electrical Engineering	GIST, Nellore	30.03.2019	
56	Mr.S.Sridhar	Recent Advances in Power Electronic Technology for Industrial and Traction Machine Drives	National conference on Innovative technologies in Electrical Engineering	GIST, Nellore	30.03.2019	

57	Mr.Murali Dasari	Performance Comparison of Self Tuning Fuzzy PID Compensated Model Reference Adaptive Control(MRAC) with PID compensator to the High Performance BLDC Motor	International conference on Advanced Trends in computer Science & Information Technology(ICATCSIT-18)	GIST, Nellore	24.08.2018 and 25.08.2018	
58	Mr.N.Anjaneyulu	Design & analysis of SUV chassis and its passenger cabin cavity	NCRTIME 2K19	GIST, Nellore	04/04/2019	
59	Dr T. Sunil Kumar	High speed emergency aerial vehicle	NCRTIME 2K19	GIST, Nellore	04/04/2019	
60	Mr Ch. Manikiran	Design and analysis of motor bike frame	NCRTIME 2K19	GIST, Nellore	04/04/2019	
61	Mr M.Mahendra Babu,	Design and analysis of heavy vehicle rear axle	NCRTIME 2K19	GIST, Nellore	04/04/2019	
62	Mr I. Venkatesh	Fabrication & analysis of mechanically operated rotational scissors lift	NCRTIME 2K19	GIST, Nellore	04/04/2019	
63	Mr Y. Murali Krishna	Fabrication and analysis of belt type oil skimmer	NCRTIME 2K19	GIST, Nellore	04/04/2019	
64	Mr. Rahamath Basha Shaik	Performance Analysis of Vapour Compression Refrigeration System under alternative Refrigerant	NCRTIME 2K19	GIST,Nellore	04/04/2019	
65	Mr Subramanyam.C	Modifying the Fin Design and Improving Thermal Efficiency of Super Heater Tube	NCRTIME 2K19	GIST,Nellore	04/04/2019	
66	Dr. Ch. Kalyani	National Workshop on “Recent Trends in Pure and Applied Mathematics”	VFSTR, Guntur		24-26 August 2018	
67	Dr. Ch. Kalyani	National Workshop on “3D PRINTING”	GIST, Nellore		25th August 2018	
68	Dr. Ch. Kalyani	2nd International Conference on “Emerging Trends in Engineering, Science & Management” (ICEESM 2018)	RGM College of Engineering & Technology, Nandyal		21-22 December 2018	
69	Dr. Ch. Kalyani	National Conference on “Essence of Mathematics and Engineering Applications” (EMEA-18)	KL University, Guntur		14-15 December 2018	

70	Ms. M.Gayatri	National Workshop on “Recent Trends in Pure and Applied Mathematics”	VFSTR, Guntur		24-26 August 2018	
71	Ms. M.Gayatri	2nd International Conference on “Emerging Trends in Engineering, Science & Management” (ICEESM 2018)	RGM College of Engineering & Technology, Nandyal		21-22 December 2018	
72	Ms. M.Gayatri	National Conference on “Essence of Mathematics and Engineering Applications” (EMEA-18)	KLEF University, Guntur		14-15 December 2018	
73	K. Vijaya	National Workshop on “Recent Trends in Pure and Applied Mathematics”	VFSTR, Guntur		24-26 August 2018	
74	Dr.P.Chakrapani	International Conference on ETiBC	Narayana Engg College, Nellore		6 Oct 2018	
75	K .Nayayana	National Cnference on Essence of mathematics and Engineering Applications	KL University Guntur		14, 15 th December 2018	
76	K. Nayayana	2 nd International conference on Emerging trends in Engineering Sciences & Management	S.V.University, Tirupati		21-22 December 2018	
77	D.Swaroopaa	International Conference on “Emerging Trends in Business and Commerce 2018	Narayana Engineering College		6th October 2018	
78	K. Vijaya	2nd International Conference on “Emerging Trends in Engineering, Science & Management” (ICEESM 2018)	RGM College of Engineering & Technology, Nandyal		21-22 December 2018	
79	K. Vijaya	National Conference on “Essence of Mathematics and Engineering Applications” (EMEA-18)	KL University, Guntur		14-15 December 2018	
80	S.Ramesh	Rise of Indian literature and global world	Andhra Loyola College, Vijayawada		14-16 march 2018	

81	Dr. Ch. Kalyani	National Conference on Mathematics And Its Applications (NCMIA-2019)	Sri Venkateswara University	Tirupati	28th & 29th March 2019	
82	Dr. Ch. Kalyani	National Conference on Recent Trends In Mathematics (NCRAM-2019)	Sri Venkateswara University	Tirupati	19th & 20th March 2019	
83	BGV Phani Madhav	Two days national work shop on research methods and data analysis using SPSS & progreamming	ASCET, Gudur		28-29 Jan 2019	
84	D Swaroopa	Two days national work shop on research methods and data analysis using SPSS & progreamming	ASCET, Gudur		28-29 Jan 2019	
85	M. Krishna Prasad	Python workshop	GIST, Nellore		22 June 2019	
86	M. Krishna Prasad	Moodle learning Management system	GIST, Nellore		15 March 2019	
87	Ch.Kalyani	Three day national workshop on Recent trends on pure and Applied mathematical sciences	VFSTR		24-26 th August 2018	
88	K.Narayana	National Workshop on “Recent Trends in Pure and Applied Mathematics”	VFSTR, Guntur		24-26 August 2018	
89	M.Krishana prasad	STEM Teacher tryning workshop on research based pedagogical Tools (Level1)	IISER, Pune		23-26 Sep 2018	

Academic Year 2017-18
Research Publications (Conference)

S. No	Name of the author	Title of paper	Name of Conference	Organized By	Date/s	ISBN/ISSN Number
1)	Ms. Veguru Gayatri	Confrontation and Oppurtunities of BigData-A Survey	International Conference On Big Data Analytics and computational Intelligence (ICBDACI)	Chiraala Engineering College	19-10-2017	Electronic ISBN:978-1-5090-6400-7
2)	Mr. Shaik Asiff	Power and Usage Proficiency in Remote Sensor Systems by using Clone Identification Protocol	1st International Conference on Advancemants and Innovations in Engineering, Technology & management (ICAIETM2017)	Joginpally B.R. Engineering College, Hyderabad, India in Association with Conference Info & Academic Science	28-12-2017 to 29-12-2017	2347-8527
3)	Ms. Penubarthi Radhika	Workflow Management and Processing Using Cloud	International Conference on Innovations & Discoveries in Science, Engineering and Management	Vaageswari College of Engineering	09-04-2018 to 10-04-2018	2456-4664
	Ms. Penubarthi Radhika	Confrontation and Oppurtunities of BigData-A Survey	International Conference On Big Data Analytics and computational Intelligence (ICBDACI)	Chiraala Engineering College	19-10-2017	Electronic ISBN:978-1-5090-6400-7
4)	Mr. Nagendra Kumar P	Comparative study of different statistical distributions in generating Noise components for Privacy Preserving Data Clustering	International Conference on Universal Computing, Communications and Data Engineering	Sri Padmavathi Mahila Visvavidyalayam	07-02-2018 and 08-02-2018	-----
5)	Mr. Nagendra Kumar P	Performance analysis of Metric Multidimensional Scaling with respect to different goodness-of-fit	International Conference on Universal Computing, Communications and Data Engineering	Sri Padmavathi Mahila Visvavidyalayam	07-02-2018 and 08-02-2018	-----

		dcriteria in the context of Dimensionality Reduction				
6)	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	
7)	Mr. G. Kiran Kumar	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	
8)	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	
9)	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
10)	Ms. K. Radhika	A Random Subspace Based Classification For Change Detection Of Satellite Images	International Conference on Advanced Communication Systems (ICACS)	SVEW, Tirupati	20/10/2017 to 22/10/2017	978-93-5288-058-4
11)	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	
12)	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	
13)	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	
14)	Mr.Murali Dasari	Modeling of a commercial BLDC motor and control using GA-ANFIS tuned PID controller	IEEE Conference at 2017 International Conference on Innovative Research In Electrical Sciences (IICIRES)	E.G.S Pillay Engineering Nagapatanam, Tamilnadu	16.07.2017 and 17.07.2017	
15)	Mr.T.Ravi Kumar	Reconfiguration of distribution of systems and optimal DG Placement to enhance voltage profile and	14 th International conference on Control Instrumentation systems conference (CISCON 2017)	Manipal Institute of Technology ,Mangalore, Karnataka	3.11.2017 and 4.11.2017	

		reduced losses				
16)	K.Ramana Reddy	Strength and Durability Characteristics of Geopolymer Concrete Using GGBS and RHA	International conference on Sustainable Construction and building materials ICSCBM 2018	NITK, Surathkal	18-22 june 2018	
17)	Mr.N.I.N. kiran kumar	A Study on the effect of nano silica and GGBS compressive strength of flyash based geopolymers	2 nd National conference on recent evaluation in analysis, design and construction in civil engineering. University of engineering. Tindivanam	Tindivanam	27 March 2018	
18)	Mr.N.I.N. kiran kumar	Effect of magnetic water on strength properties of concrete	2 nd National conference on recent evaluation in analysis, design and construction in civil engineering. University of engineering. Tindivanam	Tindivanam	27 March 2018	