



# GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY::NELLORE

Department of Electrical and Electronics Engineering

## Faculty conference Publications

S.No	Name of the Faculty	2020-21 (CAY)	2019-20 (CAYm1)	2018-19 (CAYm2)	2017-18 (CAYm3)	2016-17 (CAYm4)
1)	Dr.TNVLN.Kumar	2	2	-	-	-
2)	Dr.T.Ravikumar	2	2	3	1	4
3)	Mr.SridharSrestaluri	2	2	1	-	-
4)	Mr.DayankarKande	-	2	-	-	-
5)	Mr.MuaraliDasari	2	2	1	1	1
6)	Mr.M.Rajesh	1	1	-	-	-
7)	Mr.K.VenkataRavindra	1	4	-	-	-
8)	Ms.Ch.SilpiPriyanka	1	-	-	-	-
9)	Mr.V.Anajaneytulu	1	1	-	-	-
10)	Mr.P.NagaKondaiah	1	1	-	-	-
11)	Mr.N.Prasad	1	-	-	-	-
12)	Mrs.G.Vasundhara	1	-	-	-	-
13)	Dr.A.Jaffar Sadiq Ali	-	-	2	-	-
14)	Dr.P.Vinoth Kumar	-	2	2	-	-
15)	Dr.Raja Reddy Duvvuru	-	-	1	-	-
<b>Total</b>		<b>15</b>	<b>19</b>	<b>10</b>	<b>2</b>	<b>5</b>

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### Faculty Conference Publications during the Assessment Year 2020-21

Sl. No.	Name of the Faculty as Author	No of Authors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/IS SN Number	URL/DOI
1	Dr.TNVLN.Kumar	5	No	Phase over Current Protection for Load Using Micro Controller Based on Definite Time	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>
				Factory or Substation Feeder ON, OFF and Trip monitoring through Mobile					
2	Dr.T.Ravikumar	5	No	Hybrid Inverter with Overload Tripping Through IoT	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Feeder-Protection-from-Over-Load-and-Earth-Fault-Relay-by">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Feeder-Protection-from-Over-Load-and-Earth-Fault-Relay-by</a>
				Feeder Protection from Over Load and Earth Fault Relay by					

				Microcontroller )					<a href="#">Innovative-Technologies-in-Electrical-Engineering.pdf</a>
3	Mr.SridharSrestaluri	5	No	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)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>

	Mr.SridharSrestaluri	5	No	IOT Based Automatic Vehicle Accident Detection and Rescue System	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>
4	Mr.MuaraliDasari	5	No	Auto Indoor Hydro Phonic Fodder Grow Chamber	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>
				220 KV Feeder management relay control and operation					
5	Mr.M.Rajesh	5	No	Under Voltage and Voltage Protection for domestic Equipment's and Motors Using Arduino	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-</a>

					)				<a href="#">Innovative-Technologies-in-Electrical-Engineering.pdf</a>
6	Mr.K.VenkataRavindra	5	No	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)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>
7	Ms.Ch.SilpiPriyanka	5	No	Smart Meter Power Factor Enhancement in Real Life	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>

8	Mr.V.Anajaneytulu	5	No	Transformer Multiple Faults Detection by Microcontroller and Conventional Methods	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>
9	Mr.P.NagaKondiah	5	No	Design and Development of an Agri-bot Automatic Seeding, Watering Applications and Disease Detection	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>
10	Mr.N.Prasad	5	No	Prepaid electricity billing meter Using GSM	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>

					)				<a href="#">Innovative-Technologies-in-Electrical-Engineering.pdf</a>
11	Mrs.G.Vasundhara	5	No	Power Balancer in Power Distribution Networks Using Integrated Photovoltaic-Electric Spring System	3rd National Conference on Innovative Technologies in Electrical Engineering (NCITEE2K21)	10-07-2021	Geethanjali Institute of Science and Technology, Nellore	978-0-309-28669-5	<a href="https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf">https://iasr.co.in/wp-content/uploads/2021/08/3rd-National-Conference-on-Innovative-Technologies-in-Electrical-Engineering.pdf</a>

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### Faculty Conference Publications during the Assessment Year 2019-20

Sl. No.	Name of the Faculty as Author	No of Authors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ISSN Number	URL/DOI
1.	Dr.T.N.V.L.N Kumar	5	No	Multi-Objective Parameter Setting of UPFC in Wind Power	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
2.	Dr.T.N.V.L.N Kumar	5	No	Coordination Between Transmission and Distribution System Operators	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
3.	Mr.S.Sridhar	5	No	Series Connected Full-Bridge Converters with A Modified DC Power Electronic Transformer	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
4.	Mr.S.Sridhar	5	No	Phantom Power Minimization of a Dual Active Brdige Using Duty Ratio Control	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>



5.	Dr.T.Ravikumar	5	No	Fuzzy controlled based APF in Micro-Grid Distribution System for Harmonic Reduction	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
6.	Dr.T.Ravikumar	5	No	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	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
7.	Dr.P.Vinoth Kumar	5	No	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	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
8.	Dr.P.Vinoth Kumar	5	No	<i>Stability Forecasting in Smart Grid with Sliding Window Based Transient Stability Assessment</i>	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>

9.	MrMurali.Dasari	5	No	Speed Control of Public Drive With Modified Luo Converter	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
10.	Mr.Murali.Dasari	5	No	Fault Detection of Transmission Lines Using Arduino	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
11.	MrK.Dayakar	5	No	Improving the Stability of Isolated Power system by Using Reactive Power Compensators in Large Wind Farms	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
12.	MrK.Dayakar	5	No	Grid Side Faults Detection by Using Grid-Tied VSI Protection Based on Voltage	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
13.	Mr.M.Rajesh	5	No	Decentralized Economic Load Dispatch and Load Frequency/Voltage Control of an Islanded Hybrid AC/DC Microgrids	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
14.	Mr.K Venkata	5	No	220KV Bay	National		Geethanjali	978-81-	<a href="http://www">http://www</a>

	Ravindra			Control and Protection by Micro Controller Chip using Arduino	Conference on Emerging Technologies in Engineering-2020	14-06-2020	Institute of Science and Technology, Nellore	946370-4-2	<a href="http://www.insc.in/NCETE2020">w.insc.in/NCETE2020</a>
15.	Mr.K Venkata Ravindra	5	No	Isolated Current Sensing Technique for the Grid-Tied Photovoltaic Fly Back Micro inverter	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
16.	Mr.P.NagaKondai ah	5	No	PV Battery Framework 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	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
17.	Mr.V.Anjaneyulu	5	No	Rural Electrification of DC Nanogrid Clusters in Developing Regions by Using Decentralised Control Architecture	National Conference on Emerging Technologies in Engineering-2020	14-06-2020	Geethanjali Institute of Science and Technology, Nellore	978-81-946370-4-2	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>

18.	K venkataravindra	5	No	MICRO CONTROLLER BASED FEEDER PROTECTION AND CONTROL	CRATE-2020	20,21- 08- 2021		ISBN- 13:978-93- 80831-42-8	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>
19.	K venkataravindra	5	No	ISOLATED CURRENT SENSING TECHNIQUE FOR PV FLYBACK MICRO INVERTER	CRATE-2020	20,21- 08- 2021		ISBN- 13:978-93- 80831-42-9	<a href="http://www.insc.in/NCETE2020">http://www.insc.in/NCETE2020</a>

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**Faculty Conference Publications during the Assessment Year 2018-19**

<b>Sl. No.</b>	<b>Name of the Faculty as Author</b>	<b>No of Authors</b>	<b>Main Author/ others</b>	<b>Title of the Paper</b>	<b>Name of the Conference</b>	<b>Date/s</b>	<b>Organized by with location</b>
1.	Dr.A.Jaffar Sadiq Ali	3	Yes	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)	24.08.2018 and 25.08.2018	Geethanjali Institute of Science and Technology, Nellore
2.	Dr.A.Jaffar Sadiq Ali	4	Yes	IoT Based Smart Energy Meter	National conference on Innovative technologies in Electrical Engineering	30.03.2019	Geethanjali Institute of Science and Technology, Nellore
3.	Dr.P.Vinoth Kumar	3	No	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)	24.08.2018 and 25.08.2018	Geethanjali Institute of Science and Technology, Nellore

4.		1	Yes	Fault Diagnosis for DFIG Wind Turbine using Wavelet Transform	National conference on Innovative technologies in Electrical Engineering	30.03.2019	Geethanjali Institute of Science and Technology, Nellore
5.	Dr.Raja Reddy Duvvuru	3	No	Analysis of Solar PV System Under Shadow Conditions by using Optimization Technique	National conference on Innovative technologies in Electrical Engineering	30.03.2019	Geethanjali Institute of Science and Technology, Nellore
6.	Dr.T.Ravi Kumar	3	No	Monitoring and Protection of Distribution Transformer using GSM Module	National conference on Innovative technologies in Electrical Engineering	30.03.2019	Geethanjali Institute of Science and Technology, Nellore
7.	Dr.T.Ravi Kumar	3	No	Particle Swarm Optimization for Optimal Siting and Sizing of multiple Distributed Generators	National conference on Innovative technologies in Electrical Engineering	30.03.2019	Geethanjali Institute of Science and Technology, Nellore
8.	Dr.T.Ravi Kumar	3	No	Distributed Generation Optimal Placement and Sizing in Unbalanced Distributed System with Respect to Uncertainties	National conference on Innovative technologies in Electrical Engineering	30.03.2019	Geethanjali Institute of Science and Technology, Nellore
9.	Mr.S.Sridhar	3	No	Recent Advances in Power Electronic Technology for Industrial and Traction Machine Drives	National conference on Innovative technologies in Electrical Engineering	30.03.2019	Geethanjali Institute of Science and Technology, Nellore
10.	Mr.Murali Dasari	3	Yes	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)	24.08.2018 and 25.08.2018	Geethanjali Institute of Science and Technology, Nellore

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**Faculty Conference Publications during the Assessment Year 2017-18**

<b>Sl. No.</b>	<b>Name of the Faculty as Author</b>	<b>No of Authors</b>	<b>Main Author/ others</b>	<b>Title of the Paper</b>	<b>Name of the Conference</b>	<b>Date/s</b>	<b>Organized by with location</b>
1	Mr.Murali Dasari	3	Yes	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)	16.07.2017 and 17.07.2017	E.G.S Pillay Engineering Nagapatanam, Tamilnadu
2.	Mr.T.Ravi Kumar	2	Yes	Reconfiguration of distribution of systems and optimal DG Placement to enhance voltage profile and reduced losses	14 <sup>th</sup> International conference on Control Instrumentation systems conference (CISCON 2017)	3.11.2017 and 4.11.2017	Manipal Institute of Technology ,Mangalore, Karnataka

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**Faculty Conference Publications during the Assessment Year 2016-17**

<b>Sl. No.</b>	<b>Name of the Faculty as Author</b>	<b>No of Authors</b>	<b>Main Author/ others</b>	<b>Title of the Paper</b>	<b>Name of the Conference</b>	<b>Date/s</b>	<b>Organized by with location</b>
1	Mr.Murali Dasari	3	Yes	An Evolutionary Approach involving Training of ANFIS with the help of Genetic Algorithm for PID Controller Tuning	International conference on Sustainable ComputingTechniques on Engineering	27.01.2017and 28.01.2017	Jain College, Belgavi
2	Mr.T.Ravi Kumar	2	Yes	Analysis of IA and PSO Algorithms for Siting and Sizing of DG In Primary distribution Networks	International conference on Sustainable ComputingTechniques on Engineering	27.01.2017and 28.01.2017	Jain College, Belgavi
3	Mr.T Ravi Kumar	2	Yes	A New Mathematical function for Optimal Sizing and Siting of DG System	International Conference on Electrical Power and Energy Systems (ICEPES)	14.12.2016-and 15.12.2016	Maulana Azad National Institute of Technology, Bhopal, India
4	Mr.T Ravi Kumar	2	Yes	A Multi Target Function For Ideal Siting and Sizing of DG	2nd International Conference on Smart	22.12.2016and 23.12.2016	KL University Vijayawada, Andhra

				System Using PSO	Electric Grid		Pradesh, India
5	Mr.T Ravi Kumar	2	Yes	A Multi-Objective Formulation for the Optimal Sizing and Location of Distributed Generation Systems by PSO Technique	Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017) &Power, Circuit and Information Technologies (ICPCIT-2017)	27.04.2017and 28.04.2017	Madanapalle Institute of Technology & Science (MITS), Madanapalle, India

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