

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Summary of Journal Publications

Sl.No.	Academic Year	Number of Papers Published in journals	UGC	Scopus	Web of Science	SCI
1	2022-23	9		8		1
2	2021-22	5	1	4		
3	2020-21	7	1	5	1	
4	2019-20	5		3	1	1
5	2018-19	8	5	1	1	1
6	2017-18	8	6	1		1
Total		42	13	22	3	4

Summary of Journal Publications Year wise

Sl.No.	Academic Year	Number of Papers
1	2022-23	9
2	2021-22	5
3	2020-21	7
4	2019-20	5
5	2018-19	8
6	2017-18	8
7	2016-17	5
8	2015-16	5
9	2014-15	8

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Summary of Journal Publications

Sl.No	Name of the Faculty	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	Total
1	<u>Dr. M. Chakravarthy</u>	1	1	1	2	3	1	9
2	<u>Dr. K. Ravi Kumar</u>			1		1	1	3
3	<u>Dr. Ch.V.S.S.Sailaja</u>	1					1	2
4	G.Sandya Rani	1	1	1				3
5	M.Sreenivasulu	2				1		3
6	G.Mahesh					1	1	2
7	U.Elisha							
8	N.Uday Kumar	1			1	1		3
9	P.Ravi	2	2	2	2			8
10	<u>P. RajasekharaReddy</u>			1		1		2
11	<u>Dr. Kasi Ramakrishna Reddy</u>	1						1
12	Dr.C. Srinivasarathnam							
13	S.K Ruksana		1					1
Total no.of faculty involved in publication		7	4	6	3	6	6	
Total Publications		9	5	7	5	8	8	42

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Summary of Conference Publications

Sl.No.	Academic Year	Number of Papers
	2022-23	3
1	2021-22	1
	2020-21	2
2	2019-20	2
3	2018-19	4
4	2017-18	2
5	2016-17	5
6	2015-16	3
7	2014-15	7
Total		28

Journal Publications

2022-23

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SI/SCIE / Others	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index	
1	N.Uday Kumar	Sept-2022	Design and Performance Analysis of Hybrid Controller for Self Tuning Filter Based Solar Integrated UPQC	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	SCOPUS	7	Co-Author	1309-0127			https://www.ijrer.org/ijrer/index.php/ijrer/article/view/12910
2	Ravi Ponnala	Oct-2022	Effective monitoring of power system with phasor measurement unit and effective data storage system	Bulletin of Electrical Engineering and Informatics	SCOPUS	3	Author	2302-9285	1	2	https://beei.org/index.php/EEI/article/view/4085
3	Dr.Ch.K.Ramakrishna Reddy	Nov-2022	Soft-switched full-bridge converter for LED lighting applications with reduced switch current	International Journal of Circuit Theory and Applications	SCI	5	Author	1097-007X		3	https://online.library.wiley.com/doi/abs/10.1002/cta.3494
4	G. Sandhyarani	Dec-2022	Power System Contingency Classification using Machine Learning Technique	Bulletin of Electrical Engineering and Informatics	SCOPUS	3	Author	2302-9285			https://beei.org/index.php/EEI/article/view/4031
5	Dr.Ch.V.S.S. Sailaja	Dec-2022	Reliability Evaluation of Distribution System Integrated with Distributed	Bulletin of Electrical Engineering and	SCOPUS	2	Author	2302-		2	https://beei.org

			Generation	Informatics	S			9285			rg/index.php/EEI/article/view/4534
6	Ravi Ponnala	Dec-2022	Novel PMU Model for Dynamic State Disturbance Analysis with Effective Data Handling System	International Journal of Electrical and Electronics Research	SCOPUS	3	Author	2347-470X			https://ijeer.foxjournal.co.in/papers-pdf/ijeer-100485.pdf
7	M.Sreenivasulu	March-2023	Voltage regulation of DC micro grid system using PV and battery coupled SEPIC converter	International Journal of Power Electronics and Drive Systems	SCOPUS	3	Author	2088-8694			https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/22139
8	Dr.M.Chakravarthy	June-2023	Fuzzy Location Algorithm for Cross-Country and Evolving Faults in EHV Transmission Line	International Journal of Fuzzy Logic and Intelligent Systems	SCOPUS	7	Co-Author	1598-2645		5	https://www.ijfis.org/journal/download_pdf.php?doi=10.5391/IJFIS.2023.23.2.130
9	M.Sreenivasulu	June-2023	Study and analysis of modified LMF control method for power quality improvement	International Journal of Power Electronics and Drive Systems (IJPEDS)	SCOPUS	3	Co-Author	2088-8694,			https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/22093

2021-2022

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SCIE / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index
1	Ravi Ponnala	Feb-2022	Dynamic state power system fault monitoring and protection with phasor measurements and fuzzy based expert system	Bulletin of Electrical Engineering and Informatics	SCOPUS	3	Author	2302-9285	2	2
2	Dr.M.Chakravarthy	March-2022	Series capacitor-compensated double-circuit transmission line directional relay system using a fuzzy expert system with a Haar wavelet	Iran Journal of Computer Science	SCOPUS	3	Supervisor	2520-8446		5
3	Ravi Ponnala	June-2022	Performance and comparison of different phasor calculation techniques for the power system monitoring	Bulletin of Electrical Engineering and Informatics	SCOPUS	3	Author	2302-9285	1	2
4	G.Sandhya Rani	April-2022	Modified Proportionate Affine Projection Algorithm Based Adaptive DSTATCOM Control With Increased Convergence Speed	IEEE Access	SCI	5	Co-Author	2169-3536		
5	S.Ruksana	Mar-2022	Modeling, design and analysis of direct space vector modulation technique based three phase matrix converter for different loads	I-Manager's Journal on Electrical Engineering	UGC	1	Author	2230-7176		

2020-2021

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SCIE / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index
1	Ravi Ponnala, Dr.M.Chakravarthy	August-2020	Power System Dynamic State Fault Monitoring And Protection With Phasor Measurements Using Fuzzy Based Expert System	JOURNAL OF CRITICAL REVIEWS	SCOPUS	3	Author , Supervisor	2394-5125		
2	G.Sandya Rani, Dr.M.Chakravarthy	September-2020	Power Flow Analysis using a Multilayer Perceptron Neural Network with Interval Arithmetic in the Presence of data Uncertain	International Journal of Advanced Science and Technology	SCOPUS	3	Author , Supervisor	2005-4238		
3	Dr.M.Chakravarthy	September-2020	The Mathematical Modeling Validation for Fault Location Technique in Parallel Transmission Lines	Energy Systems, Drives and Automations	SCOPUS	4	Supervisor		2	
4	Pranava Gopu	October-2020	Distributed Generation Optimal Allocation Using Two Point Crossover Technique Based Genetic Algorithm	International Journal of Advanced Science and Technology	SCOPUS	2	Supervisor	2005-4238		

5	Rajasekhara Reddy Ponduru	October-2020	Comparison of level shifted pulse width modulation techniques for a single phase grid connected hybrid nine level inverter with the less number of switches.	High Technology Letters	SCOPUS	2	Supervisor	1006-6748		
6	Ravi Ponnala, Dr.M.Chakravarthy	July-2020	Dynamic Power System Monitoring and Protection Using Phasor Measurements and Less Data Storage System	Jour of Adv Research in Dynamical & Control Systems	SCOPUS	3	Author, Supervisor	1943-023X		
7	Dr.K.Ravi Kumar	June-2021	Design and Implementation of Grid Connected Solar Inverter using Adaptive Harmonic Elimination Technique	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	UGC	3	Supervisor	2321-9653		

2019-2020

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SCIE / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index
1	Dr.M.Chakravarthy	July-2019	A single end directional relaying scheme for double circuit transmission line using fuzzy expert system.	Complex & Intelligent Systems	SCOPUS	4	Supervisor	s4074 7-020- 00131 -w		
2	Dr.M.Chakravarthy	September-2019	Classification of Shunt Faults in Six Phase Transmission Line using k-Nearest Neighbor Algorithm	International Journal of Pure and Applied Mathematics	UGC	3	Supervisor	1314- 3395		4
3	N. Uday Kumar	February-2020	SAPF for Power Quality Improvement Based on PSONE Optimization	International Journal of Engineering and Advanced Technology	SCOPUS	4	Co-Author	2236- 6124		
4	RAVI PONNALA	April - 2020	Synchronized Phasor Measurements with GPS Time Stamping using 64 Point DFT in PMU	International Journal of Engineering and Advanced Technology	SCOPUS	4	Author	2249 - 8958		
5	Ravi Ponnala, Dr.M.Chakravarthy	June - 2020	Accurate Instantaneous Voltage Magnitude and Phase Angle Measurements for Dynamic Monitoring of Power System	International Journal of Advanced Science and Technology	SCOPUS	3	Author , Co-Author	2126 - 2138		

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SI/SCI E / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index
1	Dr. M. Chakravarthy	December-2018	Simultaneous Fault Classification and Localization Scheme in Six Phase Transmission Line Using Artificial Neural Networks	Journal of Advanced Research in Dynamical and Control Systems	UGC	2	Supervisor	1943-023X	7	4
2	G.Mahesh, Dr.M.Chakravarthy, P.Ravi	October-2018	Load Identification and Protection of IGBT Power Switch Systems for Induction Heating	Indian Journal Scientific and Research	UGC	3	Author, Co-Author	0976-2876		4
3	Dr.M.Chakravarthy	September 2018	Fuzzy Inference system based solution to locate. The cross country faults in parallel transmission line	International journal of Electrical Engineering Education	UGC	2	Supervisor		3	4
4	P.Rajasekhar Reddy	August 2018	Performance evaluation of Transistor clamped H-Bridge (TCHB) Based Fire level multilevel inverter topologies.	International Journal RAR	UGC	2	Supervisor	2347-3215		

5	Dr.M.Chakravarthy	September 2018	Mamdani Fuzzy Expert System based Directional Relaying approach for Six-Phase Transmission Line	International Journal of Interactive Multimedia and Artificial Intelligence	UGC	3	Supervisor	1989 - 1660		4
6	Dr.K.Ravi Kumar	May 2019	Optimal tuning of PI controller for IM Soft starts using PSO	International Journal of Management Technology	UGC	2	Supervisor	2249-7455		1
7	M.Sreenivasulu	September-2018	Particle swarm based optimization algorithm for maximum power point tracking in a photovoltaic system	International Journal of Scientific Research and Reviews	UGC	2	Supervisor	2279-0543		
8	N.Uday Kumar Dr.M.Chakravarthy	December-2018	Grid Tied Solar Photovoltaic System	International Journal of Research	UGC	3	Supervisor	2236-6124		

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SI/SCI E / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index
1	Ch. V. S. S. Sailaja	August-2017	Modeling the Impact of Automation Failure on Distribution System Reliability	Journal of Electrical Engineering	UGC	2	Author	1582-4594		2
2	G.Pranava,	February-2018	Electrical Power Distribution Simulator	Helix	UGC	3	Author	3041-3045		1
3	G.Mahesh, Dr. K. Ravi Kumar	December 2017	Hardware System of Mono Switch Resonant Inverter for Induction Heating	International Journal of Science and Research	UGC	3	Author , Co-Author	2319-7064		1
4	K.V.Divya Sree	March 2018	Three phase matrix converter based traction transformer	International Journal of Scientific Research and Review	UGC	2	Supervisor	2279-543X		
5	K.V.Divya sree, G.Mahesh	April-2018	PWM based single phase matrix converter for high frequency induction heating	International Journal of Advanced in Management, Technology and Engineering Sciences	UGC	3	Supervisors	2249-7455		
6	Dr. K. Ravi Kumar, G. Mahesh	December-2017	Modified Particle Swarm Optimization approach for Optima Power Flows	International Journal of Scientific Research and	UGC	2	Author , Co-	2279-543X		1

			with Security Constraints for Indian Practical 75 Bus System	Review			Author			
7	Dr.M. Chakravarthy	March-2018	Fuzzy Inference System Based Distance Estimation Approach for Multi Location and Transforming Phase to Ground Faults in Six Phase Transmission Line	International Journal of Computational Intelligence Systems	SCI, Scopus	2	Supervisor	1875-6883	7	4
8	G.Pranava	January-2018	Graphical User Interface Load Flow Solution Of Radial Distribution Network	IJCRT	UGC	3	Author	2320-2882		

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SCIE / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index
1	Dr Sukhdeo sao	Jul-2016	Single phase seven level Inverter with less number of components for grid connection	International Journal on Integrating Technology in Education	UGC	3	Supervisor	2321-1776		
2	G.Pranava	Aug-2016	Reconfiguration of radial distribution network using Telegen Theorem.	International Journal of Research and Scientific Innovation	UGC	3	Author	2321-2705		1
3	G.Pranava	June 2017	Tellegen theorem based Load Flow Solution of Radial Distribution Network with Voltage dependent Load models	Online International Interdisciplinary Research Journal	UGC	3	Author	2249-9598		1
4	Ch. V. S. S. Sailaja	Dec-2016	Reliability and Cost Benefit Analysis of DG Integrated Distribution System	Bulletin of Electrical Engineering and Informatics	Scopus	2	Author	2302-9285	2	2
5	Ch. V. S. S. Sailaja	June-2017	Cost Benefit Analysis of a Dg Integrated System: Case Study	Acta Electrotechnica et Informatica	UGC	2	Author	1335-8243		2

2015-2016

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SCIE / Others	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index
1	N. Uday Kuma, M. Sreenivasulu	July 2015.	Application of a Single Phase Matrix Converter as Universal Converter	International Journal Of Professional Engineering Studies	UGC	3	Supervisors			
2	K. Ravi Kumar,	Aug 2015.	Analysis of Independent two induction motors drive fed by a four leg inverter	International journal of advanced technology and innovative research	UGC	2	Supervisor	2348-2370		1
3	N.Uday Kumar	Oct 2015.	Simulation of Grid Connected Modified 9 Level Cascaded H-Bridge Multilevel Inverter with Reduced Switches for Solar Power Application	TRANS STELLAR - International Journal Of Electrical And Electronics Engineering Research	UGC	3	Co-Author	2250 - 155X		
4	Ch.V.S.S Sailaja	June 2016	Effect of Automation Intensity levels on Distribution system Reliability	i – manager’s journal on electrical engineering	UGC	2	Author	2229-7286		2
5	Dr.Sukhdeo Sao	June-2016	An improved TLBO algorithm to solve profit based unit commitment problem under deregulated environment.	Procedia technology ELSEVIER RAEREST	UGC	2	Supervisor	2212-0173		

2014-2015

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/S CI/SCIE / Others (Impact Factor)	Total number of Autho rs	First author / Superv isor/ Co- author	ISBN / ISSN numb er	Citation Index	h-index
1	K. Ravi Kumar	June 2014.	Impact of APFC Panel At LT Side of Transformer	International Journal of Engineering Research & Technology	UGC(4.2)	2	Supervisor	2278-0181		1
2	K. Ravi Kumar	June 2014	Novel Genetic Algorithm Based Solutions for Optimal Power Flow under Contingency Conditions	International Journal of Engineering Research and Applications	UGC(4.2)	2	Supervisor	2248-9622		1
3	N. Uday Kumar	June 2014	Energy Audit as a Tool for Improving System Efficiency in Industrial Sector	International <i>Journal of Engineering Research and Applications</i>	UGC (4.2)	2	Supervisor	2248-9622		
4	K. Ravi Kumar	Sept 2014	Guaranteed Convergence based PSO approach for Optimal Power Flows with security constraints	Majlesi Journal of Energy Management	UGC	2	Author	2322-3073		1
5	Ch.V.S.S.Sailaja, K.V.Ramana Murthy	November 2014	Improved Grid Synchronization Algorithms for DG System using DSRF under Grid disturbances	International Journal of Engineering Research and Applications	UGC(4.2)	3	Supervisor	2248-9622	2	2

6	Dr.M.Chakravarthy	Dec 2014.	Protection and control of 3-Ø Induction motors using Crouzet Millenium PLC	International Journal of Research in Computer Engineering and Electronics	UGC(4.5)	2	Supervisor	2277-9655		4
7	Ch.V.S.S Sailaja	Feb-2015	Test Automation Frame Work for RTU	International Journal of Engineering Research and General Science	UGC(3.8)	3	Supervisor	2091-2730		2
8	Sreenivasulu, N. Uday Kumar	May 2015.	Application of Hybrid Energy Storage to Improve the Power Quality of Doubly Fed Induction Generator Based Wind System	International Journal of Advanced Technology and Innovative Research	UGC(5.87)	3	Supervisor	2348 – 2370		

Conferences

Conferences

2022-23

S. No	Authors	Title	Conference Name	Journal Name	Date of Presentation	ISSN
1	N.Uday Kumar	Analysis of H6, HERIC and FB Single-Phase Transformerless Grid-Tied Inverter for minimization of leakage current using SVPWM strategy.	International Conference on Sustainable Energy and Future Transportation (SeFet 2022).	Gokaraju Rangaraju Institute of Engineering And Technology and sponsored by IEEE IAS Society	04 - 06 August,2022	
2	Dr.Ch.K.Ramakrishna reddy	Three-Leg Asymmetrical Voltage Resonant Converter for Multiple LED Load Applications with Independent Dimming Control	IEEE IAS Global Conference on Emerging Technologies	sponsored by IEEE IAS Society	May-19-21, 2023	
3	Dr.G.Sandhya rani	Design of 15 kW, 440 V Three Phase Induction Motor for Electrical Vehicle Applications with Improved Efficiency and Wide Speed Range	International Conference on Power Electronics and Energy (ICPEE)	Sponsored by IEEE Society, Bhubaneswar.	22/04/2023	22727169

2021-22

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	Dr.C. Srinivasa Ratnam	Coordinated Control of PHEVs and DEGs for Frequency Control of Two Area Hybrid Microgrid: An Effective Utilization of PID Controller for Renewable Applications	3rd Electric power and Renewable Energy Conference(EPREC-2022)	May, 2022	International	National Institute of Technology Jamshedpur, India	Springer	

2020-21

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	Dr.G.Pranava	Reconfiguration of distribution network using particle swarm optimization	International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021	19 – 20/2/2021	International	Shri Shankarachariyar Technical Campus (SSTC), Bhilai, Chhattisgarh	IEEE	
2	Dr.G.Pranava	Optimal placement of distributed generation using genetic algorithm	International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021	19 – 20/2/2021	International	Shri Shankarachariyar Technical Campus (SSTC), Bhilai, Chhattisgarh	IEE	

2019-20

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	RAVI PONNALA	Electrical Power System Monitoring And Protection Using Cloud Services	International Conference on Smart Modernistic in Electronics and Communication	29-30/6/2020	International	St.MARTIN'S ENGINEERING COLLEGE, Hyderabad-Telangana.		
2	RAVI PONNALA	Fuzzy Expert System Based Fault Monitoring And Protection In The Power System	International Conference on Smart Modernistic in Electronics and Communication	29-30/6/2020	International	St.MARTIN'S ENGINEERING COLLEGE, Hyderabad-Telangana.		

2018-19

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others)	Citation Index if available
1	G.Mahesh & Dr.M.Chakravarthy	Series Resonant Inverter with multiple loads for Induction cooking applications	National Conference on Emerging Technologies in Electrical Power and Engineering (ETEPE) – 2018 on 16-17 November 2018 at Sreenidhi Institute of Science and Technology	16-17/11/2018	National	Sreenidhi Institute of Science and Technology, Hyderabad, Telangana.		
2	A.Naresh Kumar, Dr. M. Chakravarthy	Fuzzy Expert system based protection for double circuit transmission lines	ICCIOT 2018 (International Conference on computational intelligence and International of things held at NIT Agartala, 14 th and 15 th December 2018	4-5/12/2018	International	NIT Agartala,	ELSEVIER	2
3	P.RAVI Dr.M.Chakravarthy	Laboratory based wide area power system monitoring and protection using Phasor measurements	AISGSC-2019(international conference on "Artificial Intelligence for Smart Grid and Smart City" held at PSG college Coimbatore 4-5 th January -2019	4-5/01/2019	International	PSG college Coimbatore	ELSEVIER	

4	G.sandhya Rani, Dr.M.Chakravarthy	Application of supervised learning to classification and assessment of power system security.	ICECEIC 2019, SCSVMV College, enathur, kanchipuram, Tamilnadu.	5- 6/2/20 19	Internati onal	SCSVMV College, enathur, kanchipura m, Tamilnadu.		
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2017-18

S.No.	Name of the Faculty	Title	Name of the conference	Durati on of confer ence	Internati onal / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others)	Citation Index if available
1	G.Pranava, Ravindranath Gurram, K. Ramesh Reddy	Graphical User Interface Load flow solution of Radial Distribution Network	National Conference on Trends in Science, Engineering & Technology (NTSET-2018), Feb., 2018.	17/08/ 2017	National	Mathrusri College of Engineering , Hyderabad, Telangana		
2	G.Pranava, Ravindranath Gurram, K. Ramesh Reddy	A novel Sensitivity analysis of Radial Distribution Network	Smart Technologies for Smart Nation (SmartTechCon 2017),	09/03/ 2018.	Internati onal	VNRVJIT, Hyderabad, Telangana		

2016-17

S.No	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., /	Citation Index if available
1	G.Sravanthi, K.Srilakshmi, N.Uday Kumar	A comparative study of Harmonic Reduction in cascaded H-Bridge Multilevel Inverter.	National Conference on Recent Advances in Electrical Power Engineering and systems	20/10/2016	International	Hyderabad, Telangana.		
2	G.Pranava, Ravindranath Gurram, K. Ramesh Reddy	Tellegen Theorem based Load Flow Solution of Radial Distribution Network	First International Conference on Recent Innovations in engineering and Technology(ICRIEAT 2016)	22/12/2016	International	Arora Group of Institutions, Hyderabad, Telangana.		
3	Ch.V.S.S Sailaja, Dr.P.V.N. Prasad	Reliability Evaluation of DG integrated Automated Distribution System	International Conference on " Electrical Power and Energy System"	14-16/12/2016	International	MNIT Bhopal	IEEE	
4	G.Sandya Rani, T.S.Rao, S.Salima	Power System Contingency Ranking Using Fast Decoupled Load Flow Method	International Conference on "Electrical, Electronics and optimization techniques	8/10/2016	International	REVA University, Bangalore.	IEEE	
5	G.Pranava, Ravindranath Gurram, K. Ramesh Reddy	Simulink Implementation of Sensitivity analysis of Radial Distribution Network	International Conference on "Electrical, Electronics and optimization techniques	8/10/2016	International	REVA University, Bangalore.	IEEE	

2015-16

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	Dr. M. Chakravarthy, Srinivasa R N, V.V.Ramaraju and P.M. Sarma	A Report on erection of grid tied 100KW solar Power Plant	INCEMIC, July 2015	10/7/2015	International	Andhra University, Vishakapatnam		
2	G.Pranava, Ravindranath Gurram, K. Ramesh Reddy	Tellegen Theorem based load flow Solution of radial distribution network with laterals	International conference of power & advanced control engineering (ICPACE), BNMIT,	22/12/2015	International	BNMIT, Bangalore	IEEE	

3	Ch.V.S.S Sailaja, Dr.P.V.N. Prasad	Determination of optimal distributed generation size for losses, protection Coordination and reliability evaluation on using ETAP	IEEE Biennial International conference on Power and Energy systems: towards sustainable energy	21-23/1/2016	International	Amrutha University, Bangalore	IEEE	8
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2014-15

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	N, Uday Kumar, Gopi Srinath	Energy Audit As A Tool For Improving System Efficiency In Industrial Sector	International Conference on Innovations In Electrical & Electronics Engineering Gurunank college of Engineering, Ibrahimpatnam, Hyderabad	5/11/2014	National	Gurunank college of Engineering, Ibrahimpatnam,		

						Hyderabad		
2	N. Uday Kumar, M. Sreenivasulu, D. Rajababu	Implementation and evaluation of a mho-type distance relay using MATLAB / SIMULINK "	38th National Systems Conference, November 2014.	5/11/2014.	National	JNTU Hyderabad.	Elsevier	
3	Elisha Undeti, N.Uday Kumar, Rakesh Makam	Parameter Sensitivity and Compensation Method for Vector Controlled Induction Machine	National Conference on Contemporary Control	17/11/2014	International	Andhra University, Vishakapatnam.		
4	K.Pavan Kumar, M.Chakravarthy, K.V.Ramanamurthy	Performance analysis of position control of switched reluctance motor drive	2015 IEEE IAS Joint Industrial & Commercial Power Systems / Petroleum and Chemical Industry (ICPSPCIC)	19-21/1/2015	International	Hyderabad, Telangana.	IEEE	
5	Dr.M.Chakravarthy, K.V.Ramana Murthy, B.Neelima Devi	Design, erection, testing and commissioning of 200kwp rooftop grid tied solar photovoltaic system at vasavi college of engineering	2015 IEEE IAS Joint Industrial & Commercial Power Systems / Petroleum and Chemical Industry (ICPSPCIC)	19-21/1/2015	International	Hyderabad, Telangana.	IEEE	
6	Shaik Rafi, Ch.V.S.S Sailaja.	Identification of Low Frequency Oscillations by	2nd International conference on Innovations in Electrical & Electronics	19-20/2/2015	International	Guru Nanak Institutions,		

		using Prony Analysis	Engineering ICIEEE			Hyderabad, Telangana		
7	U. Elisha, M. Pavan Kumar	Single Phase Cascaded Multilevel Inverter with Less Number of Switches for Symmetric and Asymmetric Loads	International Conference on Innovations in Electrical and Electronics Engineering	25-26/3/2015	International	Guru Nanak Institutions, Hyderabad, Telangana		

2013-14

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	Ch.V.S.S.Sailaja PVN Prasad K.V.Ramanamurthy	Evaluation of Reliability using	International Conference on power and energy control at	6/2/2013	International	PSNA college of Engineering	IEEE	

		FMEA Technique	PSNA college of Engineering and Technology,			and Technology, Dindigul,		
2	G. Pranava, P. V. Prasad	Constriction Coefficient particle swarm optimization for economic load dispatch with valve point loading effects	International Conference on power and energy control at PSNA college of Engineering and Technology, Dindigul,	6/2/2013	Internati onal	PSNA college of Engineering and Technology, Dindigul,	IEEE	

Student publications

S.No	Name of the Student	Month and Year of Publication / presentation	Title of the Paper	Name of the Journal / conference	National / International	UGC/Scopus/SCI/S CIE / Others / Professional Body Involved in conference publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies (Impact Factor)	Co Authors details	ISBN / ISSN number
1	Varsh	29-30/6/2020	Fuzzy Expert System Based Fault Monitoring And Protection In The Power System	International Conference on Smart Modernistic in Electronics and Communication	International	UGC	RAVI PONN ALA	
2	Sai Krishna	29-30/6/2020	Electrical Power System Monitoring And Protection Using Cloud Services	International Conference on Smart Modernistic in Electronics and Communication	International	UGC	RAVI PONN ALA	
3	M.Obedullah Khan	May 2019	Optimal tuning of PI controller for IM Soft starts using PSO		International	UGC	Dr. K.Ravi Kumar	2249- 7455
4	T. Durga Bhavani	December-2019	Grid Tied Solar Photovoltaic System	International Journal of Research	International	UGC	N. Uday Kumar / Dr.M.C hakrav arthy	2236- 6124

5	SK.Ruksana	2018	THREE PHASE MATRIX CONVERTER BASED TRACTION TRANSFORMER	International Journal of Scientific Research and Review	International	UGC	K.V.Divyaa Sree	2279-543X
6	SK.Ruksana	April-2018	PWM BASED SINGLE PHASE MATRIX CONVERTER FOR HIGH FREQUENCY INDUCTION HEATING	International Journal of Advanced in Management, Technology and Engineering Sciences	International	UGC	K.V.Divyaa Sree, G.Mahesh	2249-7455
7	A.Sailalitha	August 2018	Performance evaluation of Transistor clamped H.Bridge (TCHB) Based Fire level multilevel inverter topologies.	International Journal RAR	International	UGC	P.Rajasekhar Reddy	2347-3215
8	P. Pradeep Kumar	Feb-2015	Test Automation Frame Work for RTU	International Journal of Engineering Research and General Science	International	UGC(3.8)	Ch.V.S.S. Sailaja	2091-2730
9	Ruby Tripathi	May 2015.	Application of Hybrid Energy Storage to Improve the Power Quality of Doubly Fed Induction Generator Based Wind System	International Journal of Advanced Technology and Innovative Research	International	UGC	Sreenivasulu N. Uday Kumar	2348-2370
10	M.V.N.M Shashikanth	July 2015.	Application of a Single Phase Matrix Converter as Universal Converter	International Journal Of Professional Engineering Studies	International	UGC	M.Sreenivasulu	

11	B. Mallika Reddy	Aug 2015.	Analysis of Independent two induction motors drive fed by a four leg inverter	International journal of advanced technology and innovative research	International	UGC	K.Ravi Kumar	2348-2370
12	Shaik Rafi	19-20/2/2015	Identification of Low Frequency Oscillations by using Prony Analysis	2nd International conference on Innovations in Electrical & Electronics Engineering ICIEEE	International		Ch.V.S .S Sailaja .	
13	M. Pavan Kumar	25-26/3/2015	Single Phase Cascaded Multilevel Inverter with Less Number of Switches for Symmetric and Asymmetric Loads	International Conference on Innovations in Electrical and Electronics Engineering	International		U. Elisha	
14	K.Pavan Kumar	19-21/1/2015	Performance analysis of position control of switched reluctance motor drive	2015 IEEE IAS Joint Industrial & Commercial Power Systems / Petroleum and Chemical Industry (ICPSPCIC)	International	IEEE Telangana.	M.Chakravarty, K.V.Ramamurthy	
15	B.Neelima Devi	19-21/1/2015	Design, erection, testing and commissioning of 200kwp rooftop grid tied solar photovoltaic system at vasavi college of engineering	2015 IEEE IAS Joint Industrial & Commercial Power Systems / Petroleum and Chemical Industry (ICPSPCIC)	International	IEEE	Dr.M.Chakravarty, K.V.Ramamurthy	

16	Bhogadi Havya	June 2014.	Impact of APFC Panel At LT Side of Transformer	International Journal of Engineering Research & Technology	International	UGC(4.2)	K.Ravi Kumar	2278-0181
17	S. V. Durga Bhavani	June 2014	Novel Genetic Algorithm Based Solutions for Optimal Power Flow under Contingency Conditions	Int. Journal of Engineering Research and Applications	International	UGC(4.2)	K.Ravi Kumar	2248-9622
18	Gopi Srinath	June 2014	Energy Audit as a Tool for Improving System Efficiency in Industrial Sector	<i>Journal of Engineering Research and Applications</i>	International	UGC(4.2)	N.Uday Kumar	2248-9622
19	R.Godha	November 2014	Improved Grid Synchronization Algorithms for DG System using DSRF under Grid disturbances	International Journal of Engineering Research and Applications	International	UGC(4.2)	Ch.V.S.S. Sailaja , K.V.Ramana Murthy	2248-9622
20	K.L.Priyanka	Dec 2014.	Protection and control of 3-Ø Induction motors using Crouzet Millenium PLC	International Journal of Research in Computer Engineering and Electronics	International	UGC	Dr. M.Chakravarty	2277-9655
21	Gopi Srinath	5/11/2014	Energy Audit As A Tool For Improving System Efficiency In Industrial Sector	International Conference on Innovations In Electrical & Electronics	International		N.Uday Kumar	

				Engineering Gurunank college of Engineering,Ibrahim patnam, Hyderabad				
22	D. Rajababu	5/11/2014.	Implementation and evaluation of a mho-type distance relay using MATLAB / SIMULINK”	38th National Systems Conference, November 2014.	Nationa l	Elsevier	N. Uday Kumar / M. Sreeni vasulu	
23	Rakesh Makam	17/11/2014	Parameter Sensitivity and Compensation Method for Vector Controlled Induction Machine	National Conference on Contemporary Control	Interna tional		Elisha Undeti / N.Uda y Kumar	