Papers published by EEE Department

Title of the paper	Name of the author/s	Name of the journal	Year of publication
Voltage balancing across capacitor in a multilevel VSC for a Photo Voltaic cell	B.PAVAN BABU	2018 International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC)	2018
power Quality improvement using custom power Devices	D.RAJESH REDDY	international conference on Engineering & Technology (ICET 2016)	2016
Step down converter as s smooth starter for A DC motor based on a hierarchical control	N.CHENCHAIAH G.JAYAKRISHNA	International conference on emerging trends in electrical and power engineering(ICEEPE)-2016	2016
Multilevel Inverter with reduced DC-Source using step-up switched capacitor	P.SUDHAKIRAN	National conference on Emerging trends in renewable energy sources and their applications (NCRES-2K16)	2016
Fuzzy logic Controlled Based reconfigurable solar converter with Grid Connected system	N.CHENCHAIAH	National conference on Emerging trends in renewable energy sources and their applications (NCRES-2K16)	2016
Design and analysis of full range power auto balance of power electronic transformer	V.RAVI PRASAD, G.JAYAKRISHNA	International conference on emerging trends in electrical and power engineering(ICEEPE)-2016	2016
Power Quality Improvement in Transmission system	D.RAJESHREDDY	REETA-2K16	15& 16 july-2016
An integrated Dvr-ultra capacitor and cuk converter with fuzzy logic controller design for improving power quality the distribution grid	P.SUDHAKIRAN	ICETECT-17	30th &31st March 2017
Cost Effective Grid	D.Rajesh Reddy	Innovative technologies	8-Nov-14

Connected PV Power Systems using Transformerless inverter with Virtual DC bus		in Electrical Engineering	
Power Quality Improvement in Micro Grid Operation Using Particle Swarm Optimization	D.RAJESH REDDY	International conference on advanced Engineering & Technology(ICAET"15)	20th May 2015

Title of paper	Name of the author/s	Name of journal	Year of publication
Solar Powered UPS	Bandla Pavan Babu	International Journal of Creative Research Thoughts (IJCRT)	2018
Wireless Charger for Mobile	Bandla Pavan Babu	Journal of Emerging Technologies and Innovative Research(JETIR)	2018
Automatic Irrigation and Alerting System using ARDUINO UNO	T Y Saravanan	International Journal of Creative Research Thoughts (IJCRT)	2018
Smart Phone Based Access Control System	N.Chenchaiah	International Journal of Creative Research Thoughts (IJCRT)	2018
Home Appliances Control using Google Assistant	V.Manasa	International Journal of Creative Research Thoughts (IJCRT)	2018
Iot water consumption monitoring	Gollapalli Ashok kumar	International Journal of Creative Research Thoughts (IJCRT)	2018
Iot Based Health Monitoring System	D.RajeshReddy	International Journal of Creative Research Thoughts (IJCRT)	2018
NODEMCU based on temperature & Humidity Logger	V.Raviprasad	International Journal of Creative Research Thoughts (IJCRT)	2018
Enhancing power quality feature of grid through dual voltage source inverter	N.Chenchaiah	International Journal of Scientific Engineering and Technology Research (IJSETR)	2018
Closed Loop control of hybrid boosting converter for renewable energy application by using PI Controller	V.Raviprasad	International Journal of Innovative Technologies	2017
ENHANCED Z-SOURCE INVERTER WITH CAPACITOR VOLTAGE STRESS AND SOFT-START CAPABILITY	Bandla Pavan Babu	International Journals of Modern Trends in Engineering snd Research	2017
Study on Series and Parallel Connected Solar	D. Rajesh Reddy	IOSR-Jornal of Electrical and Electronics Engineering	2016

Photovoltaic System under Shadow Condition			
Design and simulation of permanent magnet synchronous motor drive by using fuzzy logic controller	D.Rajesh Reddy	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2015
Automatic generation control with nonlinear design of inter-connected power systems using optimization techniques	D.RajeshReddy	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2015
Design and Control of Asymmetrical Multi-level Inverter with Minimum Switching and Losses Active Voltage Balance	D.RajeshReddy	International Journal of Emerging Trends in Electrical and Electronics (IJETEE)	2014
A New Inverter Topology for Common Mode Ground Leakage Current Elimination in Grid Connected PV Systems Using Virtual DC Bus Concept	RajeshReddy	International Journal of Emerging Trends in Electrical and Electronics (IJETEE)	2014
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Half-Wave Cycloconverter Based PV Micro-inverter Topology Power Modulation with Phase Shift	G.Jayakrishna	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
Single Stage Power Factor Correction in Full Bridge AC-DC Converter with Reduced DC Bus Capacitor	Bandla Pavan Babu	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
Improved AC-Link Buck–Boost Inverter using Soft-Switching	Gollapalli Ashok kumar	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
A Novel Multilevel Inverter Topology with Reduced Component count	G.Jayakrishna	International Journal of advanced research in Electrical, Electronics and Instrumentation Engineering	2015
Harmonic Reduction And Voltage Dip Mitigation Using P-Q Theory Controlled STATCOM	G.Jayakrishna	IPASJ International Journal of Electrical Engineering	2015

An Integrated Step-Down Converter Using Single-Stage Single-Switch Double Buck Converter,	T.Y.Saravanan	International Journal of advanced research in Electrical, Electronics and Instrumentation Engineering	2015
photovolatic subpanel converter system with MPPT control	Bandla Pavan Babu	The International Journal of Engineering and Science	2015
Controlling of rotor flux for doubly fed inductionmachine-basedwind turbines under voltages dips and without crowbar protection	P.Murali	International Journal of Science and Research (IJSR)	2013
Grid-connected Photovoltaic Power System Using Boost Half bridge Converter and MPPT Algorithm	P.Murali	International Journal of Science and Research (IJSR)	2014
Power Control Strategy of Distributed Photovoltaic Energy using Resonant Switched-Capacitor Converters	P. Murali	International Journal of Emerging Trends in Electrical and Electronics	2014
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Harmonics compensation in a grid connected single phase PV Inverter	P.Murali	International Journal of Emerging Trends in Electrical and Electronics Engineering	2015
Selective Harmonic Elimination Method for Grid Connected Multi Mega Watt Photovoltaic Inverters	Gollapalli Ashok kumar	International Journal of Scientific Engineering and Technology Research (IJSETR)	2014