

3.3.4 Number of research papers per te

Title of paper	Name of the author/s
Solar Powered UPS	Bandla Pavan Babu
Wireless Charger for Mobile	Bandla Pavan Babu
Automatic Irrigation and Alerting System using ARDUINO UNO	T Y Saravanan
Smart Phone Based Access Control System	N.Chenchaiah
Home Appliances Control using Google Assistant	V.Manasa
lot water consumption monitoring	Gollapalli Ashok kumar
lot Based Health Monitoring System	D.RajeshReddy
NODEMCU based on temperature & Humidity Logger	V.Raviprasad
Enhancing power quality feature of grid through dual voltage source inverter	N.Chenchaiah
Closed Loop control of hybrid boosting converter for renewable energy application by using PI Controller	V.Raviprasad
ENHANCED Z-SOURCE INVERTER WITH CAPACITOR VOLTAGE STRESS AND SOFT-START CAPABILITY	Bandla Pavan Babu
Study on Series and Parallel Connected Solar Photovoltaic System under Shadow Condition	D. Rajesh Reddy
Design and simulation of permanent magnet synchronous motor drive by using fuzzy logic controller	D.Rajesh Reddy
Automatic generation control with nonlinear design of inter-connected power systems using optimization techniques	D.RajeshReddy

Design and Control of Asymmetrical Multi-level Inverter with Minimum Switching and Losses Active Voltage Balance	D.RajeshReddy
A New Inverter Topology for Common Mode Ground Leakage Current Elimination in Grid Connected PV Systems Using Virtual DC Bus Concept	RajeshReddy
Input Voltage Feed Forward Based Two Switch Buck Boost DC-DC Converter	T Y Saravanan
Half-Wave Cycloconverter Based PV Micro-inverter Topology Power Modulation with Phase Shift	G.Jayakrishna
Single Stage Power Factor Correction in Full Bridge AC-DC Converter with Reduced DC Bus Capacitor	Bandla Pavan Babu
Improved AC-Link Buck–Boost Inverter using Soft-Switching	Gollapalli Ashok kumar
A Novel Multilevel Inverter Topology with Reduced Component count	G.Jayakrishna
Harmonic Reduction And Voltage Dip Mitigation Using P-Q Theory Controlled STATCOM	G.Jayakrishna
An Integrated Step-Down Converter Using Single-Stage Single-Switch Double Buck Converter,	T.Y.Saravanan
photovoltaic subpanel converter system with MPPT control	Bandla Pavan Babu
Controlling of rotor flux for doubly fed induction machine-based wind turbines under voltages dips and without crowbar protection	P.Murali

Grid-connected Photovoltaic Power System Using Boost Half bridge Converter and MPPT Algorithm	P.Murali
Power Control Strategy of Distributed Photovoltaic Energy using Resonant Switched-Capacitor Converters	P. Murali
Improvement of power quality & wind farm stability using custom power devices in the integration of wind farm to a weak distribution network	P. Murali
switched capacitor based step-up multilevel inverter with single dc source	P. Murali
Harmonics compensation in a grid connected single phase PV Inverter	P.Murali
Selective Harmonic Elimination Method for Grid Connected Multi Mega Watt Photovoltaic Inverters	Gollapalli Ashok kumar

acher in the Journals notified on UGC website during the last five years (8)

Department of the teacher	Name of journal	Year of publication
EEE	International Journal of Creative Research Thoughts (IJCRT)	2018
EEE	Journal of Emerging Technologies and Innovative Research(JETIR)	2018
EEE	International Journal of Creative Research Thoughts (IJCRT)	2018
EEE	International Journal of Creative Research Thoughts (IJCRT)	2018
EEE	International Journal of Creative Research Thoughts (IJCRT)	2018
EEE	International Journal of Creative Research Thoughts (IJCRT)	2018
EEE	International Journal of Creative Research Thoughts (IJCRT)	2018
EEE	International Journal of Creative Research Thoughts (IJCRT)	2018
EEE	International Journal of Scientific Engineering and Technology Research (IJSETR)	2018
EEE	International Journal of Innovative Technologies	2017
EEE	International Journals of Modern Trends in Engineering snd Research	2017
EEE	IOSR-Jornal of Electrical and Electronics Engineering	2016
EEE	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2015
EEE	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2015

EEE	International Journal of Emerging Trends in Electrical and Electronics (IJETEE)	2014
EEE	International Journal of Emerging Trends in Electrical and Electronics (IJETEE)	2014
EEE	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
EEE	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
EEE	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
EEE	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
EEE	International Journal of advanced research in Electrical, Electronics and Instrumentation Engineering	2015
EEE	IPASJ International Journal of Electrical Engineering	2015
EEE	International Journal of advanced research in Electrical, Electronics and Instrumentation Engineering	2015
EEE	The International Journal of Engineering and Science	2015
EEE	International Journal of Science and Research (IJSR)	2013

EEE	International Journal of Science and Research (IJSR)	2014
EEE	International Journal of Emerging Trends in Electrical and Electronics	2014
EEE	International Journal of emerging Engineering Science and technology	2015
EEE	International Journal of Scientific Engineering and Technology Research (IJSETR)	2015
EEE	International Journal of Emerging Trends in Electrical and Electronics Engineering	2015
EEE	International Journal of Scientific Engineering and Technology Research (IJSETR)	2014

ISBN/ISSN number	Link of the recognition in UGC enlistment of the Journal
ISSN:2320-2882	https://www.ugc.ac.in/journallist/4305_Journals.pdf
ISSN:2349-5162	https://www.ugc.ac.in/journallist/4305_Journals.pdf
ISSN:2320-2882	https://www.ugc.ac.in/journallist/4305_Journals.pdf
ISSN:2320-2882	https://www.ugc.ac.in/journallist/4305_Journals.pdf
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ISSN:2320-2882	https://www.ugc.ac.in/journallist/4305_Journals.pdf
ISSN:2320-2882	https://www.ugc.ac.in/journallist/4305_Journals.pdf
ISSN: 2319-8885	http://ijsetr.com/uploads/462135IJSETR16701-136.pdf
ISSN 2321-8665	http://www.ijitech.org/uploads/325461IJIT15448-323.pdf
ISSN 2393-8161	https://www.ijmter.com/papers/volume-4/issue-5/enhanced-z-source-inverter-with-capacitor-voltage-stress-and-soft-start-capability.pdf
ISSN: 2320-3331	http://iosrjournals.org/iosr-jeee/Papers/Vol11%20Issue%201/Version-1/E011113640.pdf
ISSN: 2321-2004	https://www.ijireeice.com/upload/2015/may-15/IJIREEICE%2031.pdf
ISSN: 2321-2004	https://ijireeice.com/wp-content/uploads/2015/01/IJIREEICE12-s8-rukman-AUTOMATIC-GENERATION-CONTROL-1.pdf

ISN: 2320-9569	http://www.iret.co.in/Docs/IJETEE/Volume%2010/Issue7/7.%20Design%20and%20Control%20of%20Asymmetrical%20Multi%20level%20Inverter%20with%20Minimum%20Switching%20and%20Losses%20Active%20Voltage%20Balance.pdf
ISN: 2320-9569	http://www.iret.co.in/Docs/IJETEE/Volume%2010/Issue7/8.%20A%20New%20Inverter%20Topology%20for%20Common%20Mode%20Ground%20Leakage%20Current%20Elimination%20in%20Grid%20Connected%20PV%20Systems%20Using%20Virtual%20DC%20Bus%20Concept.pdf
ISSN: 2319-8885	http://ijsetr.com/uploads/456213IJSETR8456-2120.pdf
ISN: 0547 -0553	http://ijsetr.com/uploads/241635IJSETR4105-104.pdf
ISN: 9560-9566	http://ijsetr.com/uploads/312546IJSETR7561-1634.pdf
ISN: 9574-9579	http://ijsetr.com/uploads/521634IJSETR7563-1636.pdf
ISN: 2278-8875	http://www.ijareeie.com/upload/2015/november/11_A_Novel.pdf
ISN: 2321-600X	http://ipasj.org/IJEE/Volume3Issue11/IJEE-2015-11-18-7.pdf
ISN: 2278-8875	http://www.ijareeie.com/upload/2015/november/45_An_Integrated.pdf
ISN: 2319-1805	http://www.theijes.com/papers/v4-i11/Version-2/D041102018023.pdf
ISSN:2319-7064	https://www.ijsr.net/archive/v2i7/MTlwMTM0Mg==.pdf

ISSN: 2319-7064	https://www.ijsr.net/archive/v3i5/MDIwMTMyMDk0.pdf
ISSN: 2320-9569	http://www.iret.co.in/Docs/IJETEE/Volume%2010/Issue9/25.%20Power%20Control%20Strategy%20of%20Distributed%20Photovoltaic%20Energy%20using%20Resonant%20Switched-Capacitor%20Converters.pdf
ISSN: 2454-549X	http://www.ijeest.com/wp-content/uploads/2015/08/IMPROVEMENT-OF-POWER-QUALITY-WIND-FARM-STABILITY-USING-CUSTOM-POWER-DEVICES-IN-THE-INTEGRATION-OF-WIND-FARM.pdf
ISSN: 2319-8885	http://ijsetr.com/uploads/214365IJSETR7562-1635.pdf
ISSN: 2320-9569	http://www.ijetee.org/Docs/Volume%2011/Issue%201/01118.pdf
ISSN: 2319-8885	http://ijsetr.com/uploads/426315IJSETR2850-55.pdf