

PBR VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE, KAVALI

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DEPARTMENT OF E.E.E.

Research Publications in the Journals notified on UGC website during the year 2018-19

S.No.	Name of the Faculty	Title of the paper	Publisher and ISBN/ISSN	Level & Type (IJ/NJ/IC/NC)	Web Link	Month & Year
1	P. Rajya Lakshmi	Power quality improvement using cascaded H-Bridge multilevel inverter with D-STATCOM	IJRREEE Vol5, Issue 2	IJ	http://www.paperpublications.org/download.php?file=POWER%20QUALITY%20IMPROVEMENT-1204.pdf&act=book	June, 2018
2	P. Rajya Lakshmi	ASymmetric cascaded Half bridge multi level inverter with permanent magnet synchronous motor	IRJET, Vol 5, Issue 7	IJ	https://www.irjet.net/archives/V5/i7/IRJET-V5I7338.pdf	July, 2018
3	P. Rajya Lakshmi	Single phase cycloconverter based on capacitor start induction motor	IJAREEIE Vol7, Issue 10	IJ	http://www.ijareeie.com/upload/2018/october/4_cyclo%20inverters.pdf	Oct, 2018
4	P. Rajya Lakshmi	SVoltage control and load sharing in DC distribution systems with three phase AC machines	IJSER Vol 9, Issue 10	IJ	https://www.ijser.org/researchpaper/Voltage-Control-and-Load-Sharing-In-DC-Distribution-Systems-with-Three-Phase-AC-Machines.pdf	Oct, 2018
5	G Suman	Harmonic reduction technique using multilevel inverter in six switch cascaded transformer	IJSRD Vol 6, Issue 10	IJ	http://www.ijserd.com/articles/IJSRDV5I60595.pdf	Oct, 2018
6	S. Muni Raja	Enhancement of power quality using hybrid series active power filter	IJATIR vol 10, Issue 7	IJ	http://www.ijatir.org/uploads/534621IJATIR17016-136.pdf	July, 2018
7	P. Rajya Lakshmi	Super conducting magnetic energy storage DVR based on diode clamped modular multilevel converters	IJAIEEM Vol7, Issue 11	IJ	https://www.ijaiem.org/Volume7Issue11/IJAIEEM-2018-11-26-12.pdf	Nov, 2018
8	P. Rajya Lakshmi	A Reactive power variation based method to detect islanding condition for inverter based distributed generators	IRATIR Vol 10, Issue 12	IJ	http://www.ijatir.org/uploads/534621IJATIR17016-136.pdf	Dec., 2018
9	P. Rajya Lakshmi	A buck boost converter through an induction motor with diode clamped multilevel inverter for non conventional energy sources	IJEE Vol6, Issue 12	IJ	https://www.scribd.com/document/397020974/A-Buck-Boost-Converter-through-an-Induction-Motor-with-Diode-Clamped-Multilevel-Inverter-for-Non-Conventional-Energy-Sources	Dec., 2018

10	M. Giri Babu	Literature review on power system using TCSC with fuzzy PID controller	IJR Vol 6, Issue 2	IJ	https://journals.eduindex.org/index.php/ijr/article/view/17058	Feb., 2019
11	K. Harshavardhan Reddy	An approach for enhancing the power quality and fault ride through capability of distributed power systems	IJRSET Vol 8, Issue 2	IJ	http://www.ijirset.com/upload/2019/february/21_An.pdf	Feb., 2019
12	A. Bhaktha vachala	New Bridgeless buck PFC converter with improved Input current and Power factor	IJR Vol 8, Issue 5	IJ	https://app.box.com/s/3yqoivi5wpwtlqx3ztifnwb0727hvnw	May, 2019
13	A. Bhaktha vachala	Performance Enhancement of the Induction motor Hybrid drives through common mode voltage compensator	Springer, 2nd International conference	IC	Under Publishing	April, 2019