

Dept. of EEE, Toc H

Faculty Publications 2016 -2017

Name	Title	Conference/Journal/Publisher
Prof. Dr. Preethi Thekkath	“ Access to IEEE Transactions, journals and Conference Proceedings: Challenges to Self Financing Institutions “	National conference on Innovative Library Services in Digital Age, LISDA-2016, July 2016
Archana Manuel, Dr. Dinesh Gopinath	“A Simulation Study of SiC MOSFET Characteristics and Design of Gate Drive Card Using TLP250”	IEEE International Conference on Next Generation Intelligent System, Sep. 2016
Archana Manuel, Dr. Prince A	“Design of Silicon Carbide MOSFET Based Single Phase Inverter For Low Power Induction Motor Drive”	Proc. National Conference on Emerging Trends in Power Energy and Control, NCPEC 2016

Student Publications 2016 -2017

Name	Course	Semester	Title	Conference/Journal/Publisher
Raisa Hudson, Renu Jose	M.Tech	IV	“ A new single switch resonant power converter for PV application”	IJRE, Vol 3, Issue 1, January 2016
Aiswarya S., Sindhura Rose Thomas	M.Tech	IV	“A novel energy regeneration technique in Brushless dc motors for automobile applications”,	IJARECE, Vol 5, pp 348-352, Issue 2, February 2016.
Akila Ramachandran, Aparna S. Nair	M.Tech	IV	”Step-down converter with efficient ZVS operation”	IJRE, Vol 3, Issue 1, January 2016.
Rose Mary Thekkekkara, Shahana Jabar	M.Tech	IV	” A novel interleaved buck converter with high setp-down conversion ratio”	IJRE, Vol 3, Issue 1, January 2016.
Deena George, Swapna G	M.Tech	IV	” A non-isolated multi input multi output DC-DC Boost converter”	IJRE, Vol 3, Issue 1, January 2016
Ashly Ann Johny, Preethi Thekkath,	M.Tech	IV	“A comparative study of conventional multilevel topologies with a new single circuit topology”	IJARECE, Vol.5. , Issue 2, February 2016, pp311-314.
Priyanka Sivadas, Mangala Devi K. T.	M.Tech	IV	“A Novel Boosting Technique for Induction Heating application with ZVS Soft switching”	IJRE, Vol.3., Issue 2, February 2016.
Vysakh V., Panchalai V.N., Hridhya Mereena George	M.Tech	IV	“ Soft-switched Power Converter for Sonar Transmitter”	National conference on Recent Advances in Electrical & Electronics Engineering, March 2016.

Name	Course	Semester	Title	Conference/Journal/Publisher
Merin Jacob, Aishwarya V .	M.Tech	IV	”Comparison & Analysis of Bridge Rectifier Fed & Bridgeless Buck-Boost Topologies for Sensorless BLDC Motor Drives”	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE),pp 30-41, January 2016.
Merin Jacob and Aishwarya V	M.Tech	IV	“Sensorless Brushless DC Motor Drive Fed By Cuk Converter”	IEEE International Conference on Circuit,Power and Computing Technologies”, ICCPCT-2016, February 2016.
Anjali K. Joy, Renu Jose	M.Tech	IV	“Power Factor Correction with input voltage fedforward compensated two-switch buck-boost converter”	IJCREEE, March 2016.
Mary Jaqui;line Joseph, Liju Raj T.	M.Tech	IV	“ A bridgeless modified SEPIC PFC converter fed induction motor drive”	IJAREEIE, Vol.5., Issue 2, March 2016.
Snehalal, Mini K.R.	M.Tech	IV	“Switch fault diagnosis and rectification in Buck Converter”	IJAREEIE, Vol.5, Issue 2, March 2016.
Snehalal, Mini K.R	M.Tech	IV	“Automatic Switch fault diagnosis and rectification in Boost Converter”	IJAREEIE, Vol.5, Issue 2, March 2016.