

Dept. of EEE, Toc H

Faculty Publications 2015 – 2016

Name	Title	Conference/Journal/Publisher
Aishwarya V., Dr. B. Jayanand	“Estimation and Control of Sensorless Brushless DC Motor Drive using Extended Kalman Filter”	International Conference on Circuit, Power and Computing Technologies [ICCPCT] , IEEE, February 2016.

Student Publications 2015-16				
Name	Class	Semester	Title	Conference/Journal/Publisher
Krishna Ramachandran, Mangala Devi K. T.	M.TECH	S4	<i>"Transformerless inverter with virtual dc bus concept for grid connected PV power systems"</i>	National conference on Applications of Engineering for Green Technology, HCET, Nedumangad, February 2015.
Anju I. Varghese, Kamala Devi V, Mini K.R.	M.TECH	S4	<i>"A novel DTC of DFIG for wind turbine with SMES coil"</i>	International Conference on Advances in Computer and Electronics World, March 2015.
Shilpa Thambi, Hridya Mereena George	M.TECH	S4	<i>"Flyback converter with non-dissipative snubber and dual voltage doubler circuit for PV application",</i>	National Conference on Applications of Engineering for Green Technology, February 2015.
Silpa K. L., Kamala Devi V, Aparna S. Nair	M.TECH	S4	<i>"A grid integrated hybrid system, PV, Wind, and Fuel Cell,"</i>	IJERT, Vol.4., Issue 2, February 2015
Adarsh A.S., Swapna G.	M.TECH	S4	<i>"A neutral-point clamped transformer less split inductor-type simulation in MATLAB"</i>	RIET, February 2015.
Midhusa Wilson, Sini V.S	M.TECH	S4	<i>" T-source inverter based permanent magnet BLDC motor drive"</i>	National Conference on Applications of Engineering for Green Technology, February 2015
Daisy Paul, Mangala Devi K.T	M.TECH	S4	<i>"A comparative analysis of the effect of various converters used in CFL on power quality"</i>	National Conference on Applications of Engineering for Green Technology, February 2015.
Rose Therese K. Jose, Ramesh P, Nisha R	M.TECH	S4	<i>"Active Anti-Islanding Protection for Grid Connected Solar PV Power plant",</i>	ICETET 2015.
Annie Priya K. A., Nisha R	M.TECH	S4	<i>"Study of Adjustable speed PFC bridgeless topologies for BLDC Motor drive"</i>	National Conference on Applications of Engineering for Green Technology, February 2015.
Anu Mathew, Preethi Thekkath	M.TECH	S4	<i>"Three-phase delta inverter with integrated boost circuit for PV Applications"</i>	National Conference on Applications of Engineering for Green Technology, February 2015.
Lakshmi Priya G., Mini K.R.,	M.TECH	S4	<i>"Linear and non-linear load compensation using voltage controlled data com"</i>	National Conference on Applications of Engineering for Green Technology, February 2015.
Sukanya S. Sunandan, Liju Raj T.	M.TECH	S4	<i>"Simulation and Performance analysis of transistor clamped nine level inverter"</i>	National Conference on Applications of Engineering for Green Technology, February 2015.