

Dept. of EEE, Toc H

Faculty Publications 2014 – 2015

Name	Title	Conference/Journal/Publisher
Jaison John and Dr. C Sathish Kumar	“Optimization of PID Parameters using Genetic Algorithm for Hard Disk Drive Read/Write Head Control ”	Proc. Int. Conf. Computing, Communication and Energy Systems (ICCCES-14), Perinthalmanna, July 2014.
Jaison John and Dr. C Sathish Kumar	“A comparative study of PID Controller parameter optimization using Genetic Algorithm and Particle Swarm Optimization ”	International Journal of Soft Computing and Engineering (IJSCE-14), Nov- 2014.

Student Publications 2014-15				
Name	Class	Semester	Title	Conference/Journal/Publisher
Neethu Johnson, S.A Kannan, Gibi Paul, Juby Jose and Justin George	M.TECH	S4	“Modeling of Solar Power Based Quasi-Z-Source Inverter to Supply BLDC Motor”	International Journal of InnovatS4e Research In Electrical, Electronics, Instrumentation And Control Engineering, vol. 2, pp. 2321– 2004, February 2014.
M R Amal, S A Kannan, R Rakesh, Jomy Joy and K T Mangala Devi	M.TECH	S4	“High Voltage DC–DC Converter for Line Type Modulator used in Radar Transmitters,”	International Journal Of InnovatS4e Research In Electrical, Electronics, Instrumentation And Control Engineering, vol. 2, pp. 2321– 2004 , February 2014.
Reshmi Ravi K and Renu Jose	M.TECH	S4	“Multiport Converter Topology for Hybrid System Using PI Controllers”	International Journal Of InnovatS4e Research In Electrical,Electronics, Instrumentation And Control Engineering, vol. 2, pp. 2321– 2004, February 2014.
Anu John, V. N. Panchalai, Preethi Thekkath	M.TECH	S4	“Analysis and simulation of parallel DC-DC converter- fed sonar power amplifiers”	International Journal of Engineering and InnovatS4e Technology (IJEIT), Volume 3, Issue 8, February 2014, ISSN: 2277-3754, IJEIT.