

Department of Electronics & Communication, TIST

FACULTY : 2016-2017

Name of Faculty	Title of the Paper
Deepa Elizabeth George	“Tracking of Maneuvering Targets Using Fuzzy Information Filter Employing Chi Square Maneuver Detection” at an IEEE International Conference on Innovation in Information, Embedded and Communication Systems, March 2017.
Georgina Binoy Joseph	“A Mathematical Framework for Online Constant Coefficient Multiplication” in International Journal of Engineering and Technology Innovation, Volume 7, issue No.3, pp 217-228, April 2017
S. Perumal Sankar	“An Effective Content Based Medical Image Retrieval Using ABC Based Artificial Neural Network (ANN)” in Current Medical Imaging Reviews, ISSN 1875-6603, 1573-4056, Volume 12, 2016.
Vinu R	Voltage Control in Proton Exchange Membrane Fuel Cell Using Optimal Neural Network Controller for Varying Load Conditions” was presented at an IEEE International conference on Innovations in Information, Embedded and Communications Systems March 2017
	“Performance Analysis of HS Optimized Neural Network Controller for voltage control of PEMFC” was presented at the National Conference on Research Challenges in VLSI design and Embedded Systems, June 20, 2016
	“Harmony Search Optimized Fractional Order PID Controller for Voltage Control of Fuel Cell” was published in the Asian Journal of Research in Social Sciences & Humanities, Vol.6, No.10, Oct.2016

STUDENT : 2016-2017

Name of Student	Title of the Paper
Pravitha Prakash	”Experimental Analysis of Kalman Filter in Speech Enhancement” was published in the International Journal of Electronics & Communication Technology, Vol 8, Issue No.1, March 2017
Rifana.R & Manu Augustine	”Smart Walkers: Robotic Human Walking Assistance Device” was published in the International Journal of Advanced Research in Electronics and Communication Engineering Vol No: 6, Issue No:2, Feb 2017
Mary Deepthi Joseph	”Parameter Estimation of Chirp Signal using STFT” was published in the International Journal of Advances in Engineering & Technology Vol No: 10, Issue No:1, Feb 2017
Hena Prince & Anjana R	”A Medical Telemetry System Design Based on Spread Spectrum Technique” was published in the International Journal of Advances in Engineering & Technology Vol No: 10, Issue No:1, Feb 2017
Chinchu V Joy & Manu Augustine	“Implementation of Gas Detection System Using Unmanned Moving Vehicle” was published in the International Advanced Research Journal in Science and Technology Vol No: 4, Issue No:2, Feb 2017
Anupama Thomas & Manu Augustine	”CYBORG- The Smart Home Assistance Robot” was published in the International Advanced Research Journal in Science and Technology Vol No: 4, Issue No:2, Feb 2017
Rayhana R.M	”Hybrid Antenna for Multistandard Wireless Applications” was published in the International Journal of Technical Research and Applications Vol No: 5, Issue No:1, Jan 2017
Vincy Grace Varghese	”An Effective Method for Delay Optimization to Improve Qos in Mobile Ad-Hoc Networks was published in the International Journal of Scientific Progress and Research Vol No: 89, Issue No:31, Jan 2017
Ayeesha Safeena A.M	”Dual Band Wearable Antenna for ISM Band Application” was published in the International Journal of Scientific Development and Research Vol No: 2, Issue No:2, Feb 2017
Krishna A Kumar	”Anti Malicious Threshold system” was published in the International Journal of Scientific Development and Research Vol No:7, Issue No:3, Mar 2017

Name of Student

Title of the Paper

Elza Thomas

”Performance Analysis of Multiple Access Techniques for Data Transmission in VANET”was published in the International Journal of Advances in Engineering and Technology Vol No:10,Issue No:1,Feb 2017