

V.S.B. ENGINEERING COLLEGE, KARUR

Department of Electronics and Communication Engineering

Details of Faculty Paper Publications in International Journals

Academic Year: 2016-2017

Sl. No.	Name of Faculty Member	Title of the Paper	International Journal Name	Volume No, Issue No, Year
1	Dr.M.Azees	Computationally Efficient Privacy preserving authentication and key distribution techniques for vehicular Adhoc network	Springer Cluster Compute	Published Online 8 th April 2017
2	R.Dhayabarani	Anti-Smuggling for trees in Forest with Solar Power Generation	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
3	A.Napolean	Design of low power CMOS Comparator for Sigma-Delta Analog to Digital Converter	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
4	S.Sri. Shanmugapriya	Efficient Co-Existence of LTE with Wi-Fi in licensed and unlicensed spectrum aggregation	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
5	J.Subash	Touch panel based modern restaurant using robot	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
6	K.R.Deepa	IOT based interactive home automation system using Arduino	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
7	R.Premkumar	PIC based multiple device control using single switch with fire sensor	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
8	P.Poornima	Electronic Voting machine with Biometric verification using Raspberry PI	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
9	R.Krithika	Automation irrigation and measuring soil strength	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
10	R.Krithika	Industrial Robot for carrying the goods using virtual mapping	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
11	R.Dhayabarani	Design and characteristic analysis of micro-strip fastener filter using emGime Environment	International Journal on Engineering Technology and Sciences-IJETSTM	Volume:4, Issue-4, April 2017
12	A.Napolean	An Efficient BISR with MIC pattern	SSRG International Journal Electronics and Communication Engineering	March-2017

Sl. No.	Name of Faculty Member	Title of the Paper	International Journal Name	Volume No, Issue No, Year
13	S.Jegadeesan	Providing Smart Agricultural solutions to farmers for better yielding using IOT	International Journal of Advanced Science and Engineering Research	Volume:2, Issue-1, April 2017
14	S.Sathish	Super wide band wearable fractal Antenna for Wireless Communication	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:6 Issue no:2 February 2017
15	K.R.Deepa	Secure Information Sharing using Image Cryptography	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:6 Issue no:2 February 2017
16	S.Sri. Shanmugapriya	An Efficient Ultra low power circuit by using sub threshold Adiabatic logic	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:5 Issue no:11 November 2016
17	R.Dhayabarani	Prediction of Ventricular Arrhythmia for ECG system using FPGA	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:5 Issue no:11 November 2016
18	K.Kalaichelvi	Wireless industrial Automation for Environmental Monitoring using IOT with high Security	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:5 Issue no:11 November 2016
19	S.Jegadeesan	EMG based Human motion Identification and person positioning using low cost Embedded system	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:5 Issue no:11 November 2016
20	P.S.Gomathi	Design and implementation of Intelligent energy distribution management system	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:5 Issue no:11 November 2016
21	K.R.Deepa	Remote Object Tracking with efficient localization using RSSI	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Volume no:5 Issue no:11 November 2016
22	P.S.Gomathi	Medical Image Fusion based on multiscale transforms	Journal of medical imaging and health informatics	Vol.7, pp-478-484, April 2017
23	P.S.Gomathi	Multimodal Medical Image Fusion in Non- Subsampled Contourlet Transform Domain	Circuits and Systems	June 2016

Academic Year: 2015-2016

Sl. No.	Name of Faculty Member	Title of the Paper	International Journal Name	Volume No, Issue No, Year
1.	S.Jegadeesan	Smart Cow Health Monitoring, Farm Environmental monitoring and control system using wireless sensor networks	International Journal of Advanced Engineering Technology	Volume: 2 Issue :1 2016
2.	R.Dhayabarani	Design and analysis of efficient adder for reconfigurable FIR filter	Middle-East Journal of Scientific Research	Pages 2632-2639, 24(8), 2016
3.	M.John milton J.Subhash R.Premkumar	Bandwidth Estimation With Admission Control Scheme For QOS Routing In Mobile Adhoc Networks	Australian Journal of Basic and Applied Sciences	10(1),January 2016,Pages 443-450
4.	A.Napolean	Advanced Innovation in Human Computer Interface Controlled by the Mouth Variation	Middle-East Journal of Scientific Research	24(SI):419-424,2016
5.	S.Sri Shanmuga Priya	Improving resolution in Measurement of Water Depth by using 3D Water Transform	Middle-East Journal of Scientific Research	24(SI):224-228,2016
6.	K.Kalaichelvi	Precision Multiplier for Aging – Aware Design with AHL in Real Time Applications	Advances in Natural and Applied Sciences	Pages 190-196, April 10(4),2016
7.	S.Jegadeesan	Advanced Wearable Monitoring System in Mental Health Using Wireless Sensor Networks	Middle-East Journal of Scientific Research	54(SI): 619-623,2016
8.	P.Anitha	Modified Low Power Wallace Tree Multiplier Using Higher Order Compressors	International Journal of Electronics letter	Volume-03 Issue-1, 2016
9.	N.Deepak kumar, M.Thangavel R.Prem Kumar	The Novel Method Adaptive Image Enhancement Using histogram Equalization	International Journal of Modern Trends in Engineering and Science	Volum-03 Issue -03 2016
10.	R.Naveenkumar, N.Arunkumar S.Rajesh kumar K.Kalaichelvi	An Innovation in Area Of Optimization of Stage Based OCV Modeling for a Better STA Sign -Off	International Journal of Modern Trends in Engineering and Science	Volum-03 Issue -03 2016
11.	K.R.Deepa	Archimedean Spiral Ultra Wideband Antenna For Wireless Communication	International Journal of Scientific Progress And Research	Volume 9 , 2016
12.	T.Sivalingam, P.Naresh Kumar	Novel Approach for the Design of FIR Filter through Reduce Precision Redundancy	International Journal of Modern Trends in Engineering and Science	Volume-03 Issue -03 2016

13.	P.S.Gomathi	Regional firing characteristic of PCNN-based multimodal medical image fusion in NSCT domain	International Journal of Biomedical Engineering and Technology	vol. 18, no. 3, pp. 199-209, June 2015
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Academic Year: 2014-2015

Sl. No.	Name of Faculty Member	Title of the Paper	International Journal Name	Year of publication
1	S.Devi	An Experimental Analysis in Detection of Root Cause Fault Occurrence in Steam Turbine Using Artificial Neural Networks,	International Journal of Applied Engineering and Research	Volume 10, Number 8, (2015)
2	S. Devi	Interactive Color Video Segmentation Technique for High Definition Video Processing Based on Fuzzy Logic.	International Journal of Applied Engineering and Research	Volume 10, Number 5 (2015)
3	S. Devi K. Kalaichelvi	Implementation Of A New High Speed Radix-4 FFT/IFFT Cordic Processor For 3gpp Application.	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 5 (2015)
4	Mrs.S. Devi K. Kalaichelvi A. Napoleon	Design And Implementation and of Ultralow Power CNFET Based Sleepy SRAM.	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 5 (2015)
5.	R.Dhayabarani	Area and Power Efficient Analysis In Various Types Of Adder.	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 2 (2015)
6	Mrs. P.S.Gomathi	Power Efficient Double edge triggered flip flop based on Signal feed through scheme.	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 20 (2015)
7	Mrs. P.S.Gomathi	Reserving Room before Encryption for Reversible Data Hiding with Scan Encryption.	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 3 (2015)
8	S. Rajeshkumar	Measurement of water level in steam boiler and data acquisition using Zig-Bee.	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 13 (2015)
9	A. Napoleon	An Optimal Non- Invasive Blood Glucose Measurement using Smart Phone by near infra-red Spectroscopy.	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 13 (2015)

Sl. No.	Name of Faculty Member	Title of the Paper	International Journal Name	Year of publication
10	G.Gayathri Devi	Double word Automatic repair analyzer	International Journal of Applied Engineering and Research (IJAER)	Volume 10, Number 5 (2015)
11	S.Devi	Implementation of a new high speed radix-4 Fft/Ifft cordic processor for 3gpp application	International Journal of Applied Engineering and Research (IJAER)	Volume 9, Number 26 (2014)
12	S.Jagadeesan	Increasing the life time of the network by adjusting the transmission power of nodes based on received signal strength in WSN	Research Journal of Applied Sciences, Engineering and Technology	Volume 8, Number 18 (2014)