

V.S.B. Engineering College, Karur

Department of Electronics and Communication Engineering

Faculty Paper Publication Details

Academic Year: 2018 – 2019

Sl. No	Name of Faculty Member	Journal / Publisher name	Title of the Paper	ISSN Number	Year of Publication
1	S.Keerthana	JASC: Journal of Applied Science and Computations	DESIGN OF EFFICIENT HYBRID ADDERS WITH REDUCED TIME COMPLEXITY	1076-5131	Volume 5, Issue 10, October/2018
	D.S.Priyanka				
	P.Deepiha				
	A.P.Swarnalatha				
2	A.P.Swarnalatha	JASC: Journal of Applied Science and Computations	ANALYSIS OF CT LIVER IMAGES FOR CLINICAL APPLICATION USING NEURAL NETWORK	1076-5131	Volume 5, Issue 10, October/2018
	K.K.Sangeetha				
	S.Keerthana				
	P.Deepiha				
3	K.K.Sangeetha	JASC: Journal of Applied Science and Computations	AUTOMATIC METHOD FOR ENHANCEMENT AND DETECTION OF CURVILINEAR STRUCTURE IN 2-D GEOPHYSICAL IMAGE	1076-5131	Volume 5, Issue 10, October/2018
	A.P.Swarnalatha				
	D.S.Priyanka				
	C.Kannika Parameshwari				
4	R.Ashok Kumar	JASC: Journal of Applied Science and Computations	A BEACON BASED AUTOMATIC VEHICLE SPEED CONTROL SYSTEM FOR RESTRICTED ZONE	2236-6124	Volume 7, Issue X, October/2018
	Dr.V.Kavitha				
	R.R.Jegan				
	S.Satish				
5	Karthikeyan N M	JASC: Journal of Applied Science and Computations	SIMULATION ANALYSIS OF HIGH STEP UP CURRENT FED DC – DC CONVERTER	1076-5131	Volume 5, Issue 10, October/2018
	Satish S				
	Thangavel M				
	Sathiamoorthy K				

S.No	Name of Faculty Member	Journal / Publisher name	Title of the Paper	ISSN Number	Year of Publication
1.	Dr.M.Azees	IEEE Explore	An Efficient and Secure Authentication Scheme for Wireless Body Area Networks	978-1-5386-1974-2	2018
2.	Dr.M.Azees	IEEE Explore	EMBA: An Efficient Anonymous Mutual and Batch Authentication Schemes for VANETS	978-1-5386-1974-2	2018
3.	R.Dhayabarani	IEEE Explore	High gain Microstrip Patch antenna for biomedical applications	978-1-5386-1974-2	2018
4.	R.Dhayabarani	IEEE Explore	Design of filter for Reduction of Power Line Interference	978-1-5386-1974-2	2018
5.	R.R.Jegan	IEEE Explore	Modern Design and Implementation of XY Plotter	978-1-5386-1974-2	2018
6.	R.R.Jegan	IEEE Explore	Traffic Light Controller Using Sound Sensors and Density Sensors	978-1-5386-1974-2	2018

Academic Year: 2016 – 2017

S.No	Name of Faculty Member	Journal / Publisher name	Title of the Paper	ISSN Number	Year of Publication
1.	Dr.M.Azees	Springer Cluster Compute	Computationally Efficient Privacy preserving authentication and key distribution techniques for vehicular Adhoc network		Published Online 8 <sup>th</sup> April 2017
2.	R.Dhayabarani	International Journal of Advanced Science and	Anti-Smuggling for trees in Forest with Solar Power Generation		Volume:2, Issue-1, April 2017

		Engineering Research			
3.	A.Napolean	International Journal of Advanced Science and Engineering Research	Design of low power CMOS Comparator for Sigma-Delta Analog to Digital Converter		Volume:2, Issue-1, April 2017
4.	S.Sri. Shanmugapriya	International Journal of Advanced Science and Engineering Research	Efficient Co-Existence of LTE with Wi-Fi in licensed and unlicensed spectrum aggregation		Volume:2, Issue-1, April 2017
5.	J.Subash	International Journal of Advanced Science and Engineering Research	Touch panel based modern restaurant using robot		Volume:2, Issue-1, April 2017
6.	K.R.Deepa	International Journal of Advanced Science and Engineering Research	IOT based interactive home automation system using Arduino		Volume:2, Issue-1, April 2017
7.	R.Premkumar	International Journal of Advanced Science and Engineering Research	PIC based multiple device control using single switch with fire sensor		Volume:2, Issue-1, April 2017
8.	P.Poornima	International Journal of Advanced Science and Engineering Research	Electronic Voting machine with Biometric verification using Raspberry PI		Volume:2, Issue-1, April 2017
9.	R.Krithika	International Journal of Advanced Science and Engineering Research	Automation irrigation and measuring soil strength		Volume:2, Issue-1, April 2017
10.	R.Krithika	International Journal of Advanced Science and Engineering Research	Industrial Robot for carrying the goods using virtual mapping		Volume:2, Issue-1, April 2017
11.	R.Dhayabarani	International Journal on Engineering Technology	Design and characteristic analysis of micro-strip fastener filter using emGime		Volume:4, Issue-4, April 2017

		and Sciences-IJETSTM	Environment		
12.	A.Napolean	SSRG International Journal Electronics and Communication Engineering	An Efficient BISR with MIC pattern		March-2017
13.	S.Jegadeesan	International Journal of Advanced Science and Engineering Research	Providing Smart Agricultural solutions to farmers for better yielding using IOT		Volume:2, Issue-1, April 2017
14.	S.Sathish	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Super wide band wearable fractal Antenna for Wireless Communication		Volume no:6 Issue no:2 February 2017
15.	K.R.Deepa	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Secure Information Sharing using Image Cryptography		Volume no:6 Issue no:2 February 2017
16.	S.Sri. Shanmugapriya	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	An Efficient Ultra low power circuit by using sub threshold Adiabatic logic		Volume no:5 Issue no:11 November 2016
17.	R.Dhayabarani	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Prediction of Ventricular Arrhythmia for ECG system using FPGA		Volume no:5 Issue no:11 November 2016
18.	K.Kalaichelvi	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Wireless industrial Automation for Environmental Monitoring using IOT with high Security		Volume no:5 Issue no:11 November 2016

19.	S.Jegadeesan	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	EMG based Human motion Identification and person positioning using low cost Embedded system		Volume no:5 Issue no:11 November 2016
20.	P.S.Gomathi	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Design and implementation of Intelligent energy distribution management system		Volume no:5 Issue no:11 November 2016
21.	K.R.Deepa	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Remote Object Tracking with efficient localization using RSSI		Volume no:5 Issue no:11 November 2016
22.	P.S.Gomathi	Journal of medical imaging and health informatics	Medical Image Fusion based on multiscale transforms		Vol.7, pp- 478-484, April 2017
23.	P.S.Gomathi	Circuits and Systems	Multimodal Medical Image Fusion in Non-Subsampled Contourlet Transform Domain		June 2016