

Department of Electronics and Communication Engineering
Research and Development
Faculty Publications (2016-17)

S.NO.	NAME OF THE AUTHOR	TITLE OF THE PAPER	NAME OF THE JOURNAL	ISSN NO.	VOL. NO/ISSUE NO/ PAGE NO	MONTH & YEAR OF PUBLICATION	JOURNAL under SCOPUS / SCI/ Web of science/ICI/MKCE journal
1	S.Palanivel Rajan	Performance Evaluation on Segmentation of Dental CT Images for Individual Recognition	International Journal of Advances in Computer and Electronics Engineering	ISSN : 2277-971X	1 / 2 / 17-20	Jul-16	Google Scholar
2	A.Manikandan, S.Ramalingam, V.Aathi Bhagavan	Potholes Alert System For Riders	Advances in Natural and Applied Sciences	ISSN: 1995-0772	10 / 9 /440-444	Jul-16	Annexure II
3	Dr.C.Vivek, S.Palanivel Rajan, Dr.V.Kavitha	Implementation of High Speed Area Efficient Variable Latency Adder	Asian Journal of Research in Social Sciences and Humanities	ISSN : 2249-7315	6 / 9 / 306-316	Aug-16	Annexure I
4	S.Palanivel Rajan, M.Paranthaman, Dr.C.Vivek	Design and Enhancement of Wideband Reconfigurability using Two E-Shaped Patch Antenna	Asian Journal of Research in Social Sciences and Humanities	ISSN : 2249-7316	6 / 9 / 317-327	Aug-16	Annexure I
5	S.Palanivel Rajan, Dr.C.Vivek, M.Paranthaman	Feasibility Analysis of Portable Electroencephalography Based Abnormal Fatigue Detection and Tele-Surveillance System	International Journal of Computer Science and Information Security	ISSN : 1947-5500	14 / 8 / 711-722	Aug-16	WoS

6	S.Palanivel Rajan, Dr.C.Vivek	Systematic Review of SAR Reduction Techniques for Minimizing Mobile Phone Radiation	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 9 /4341-4348	Sep-16	Annexure I
7	Dr.V.Kavitha, S.Mohanraj	Power Efficient MAC Unit Based Digital PID Controllers	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 9 /4324-4329	Sep-16	Annexure I
8	Dr.C.Vivek, S.Palanivel Rajan	Design of Data Aware Low Power Area Efficient Datapaths for Processing Elements in a Reconfigurable System	International Journal of Computer Science and Information Security	ISSN : 1947-5500	14 / 9 / 1100-1113	Sep-16	WoS
9	K.Sheikdavood, S.Palanivel Rajan	Analysis of Ovarian Diseases Using Ultrasound Images	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 10/ 4449-4454	Oct-16	Annexure I
10	M.Paranthaman, S.Palanivel Rajan	Investigation on Adjustable Antennas for 5G Wireless Applications	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 10 / 4418-4423	Oct-16	Annexure I
11	V.Jamuna, S.Palanivel Rajan	Voice Recognition for Mouse Control Using HCI	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 10 / 4440-4448	Oct-16	Annexure I
12	R.Sivaranjini, S.Palanivel Rajan	Adaptive Scheme to Control Power Aware for PDR in Wireless Sensor Networks	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 11 / 4507-4514	Oct-16	Annexure I
13	K.Deepa, Dr.C.Vivek, S.Palanivel Rajan	Automatic Threshold Selections by exploration and exploitation of optimization algorithm in Record Deduplication	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 11 / 4515-4522	Oct-16	Annexure I
14	N.Mahendran, A.Revathi	Design and Implementation of Efficient Codec Using VLSI Architecture	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 12 / 4576-4581	Oct-16	Annexure I

15	N.Mahendran, S.Vishwaja	Performance Analysis of High Speed Adder for DSP Applications	International Journal of Electrical,Computer, Energetic, Electronic and Communication Engineering	ISSN : 2229-5518	12 / 3 / 446-451	Oct-16	Annexure II
16	N.Mahendran, R. Priya	Sleep Scheduling Schemes Based on Location of Mobile User in Sensor-Cloud	International Journal of Electrical,Computer, Energetic, Electronic and Communication Engineering	ISSN : 2229-5519	10 / 3 / 615-620	Oct-16	Annexure II
17	S.Sivaranjani, P.T.Sivagurunathan, P.Ramakrishnan	A Framework for Conserving Power in MANETS	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 14 / 4734-4740	Nov-16	Annexure I
18	P.Ramakrishnan, P.T.Sivagurunathan	Reduce the Peak Power in Wireless System	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 14 / 4704-4710	Nov-16	Annexure I
19	K.Karthik, P.T.Sivagurunathan, S.Sivaranjani	A Review on Spectrum Sensing Methods for Cognitive Radio Networks	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 14 / 5053-5057	Nov-16	Annexure I
20	N.Mahendran, R. Madhuranthi	Enhancing the Performance of Wireless Sensor Networks using Low Power Design	International Journal of Electrical,Computer, Energetic, Electronic and Communication Engineering	ISSN : 2229-5518, Vol.10, Issue 4, pp.564-569	10 / 4 / 564-569	Nov-16	Annexure II
21	N.Mahendhran	Collaborative Location Based Sleep Scheduling with Load Balancing in Sensor-Cloud	International Journal of Computer Science and Information Security	ISSN : 1947-5500, Vol.14, Special Issue - CIC 2016, pp. 20-27	14 / 1 / 20-27	Nov-16	WoS
22	P.R.Gomathi, A.Arun	VHDL Design For Image Segmentation Using Log Gabor Filter For Disease Detection	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 19 / 5184-5188	Nov-16	Annexure I
23	E.Dinesh, G.Shanmugavadivel	A Survey on Secured Cloud Data Transaction Techniques	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 19 / 5197-5199	Nov-16	Annexure I

24	B.Neeththi Aadhitiya, N.Suganthi	An APU Based Updation Scheme With Added Security Measures	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 19 / 5218-5224	Nov-16	Annexure I
25	A.Sridevi, G.K.D.Prasanna Venkatesan	A Survey Of PAPR Reduction In OFDM Signals	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 19 / 5578-5583	Dec-16	Annexure I
26	J.Sakthivel, V.Jamuna	Wireless Pressure Measurement and Power Generation Using Sensor	Journal of Advances in Chemistry	ISSN : 2321-807X	12 / 19 / 5530-5535	Dec-16	Annexure I
27	P.Murugeswari, A.P.Kabilan, V.E.Jayanthi, R.Gayathri, K.Mahalakshmi	Design of Cntfet Based Interfacing Circuits for On-chip Cnt Interconnect	Middle-East Journal of Scientific Research	ISSN : 1990-9233	12 / 19 / 3332-3340	Dec-16	Annexure II
28	V. Nirmala, A.Sridevi	Packet Delivery and Numerous Redundancies in Ipv4 Network through GLBP	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 146-148	Dec-16	SCOPUS
29	Agnus S. Swarnanisha Lakshmi, S.Palanivel Rajan	Scheduled H and X Medicine Dispenser PoC Design	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 1-4	Dec-16	SCOPUS
30	A.Manikandan, J.Sakthivel	IoT Based Real Time Traffic Analyzer	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 139-141	Dec-16	SCOPUS
31	C.Nandagopal, S.M.Ramesh	Research avenues in WSN-A Survey	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 142-145	Dec-16	SCOPUS
32	K.Kaarthik, P. Yuvarani	Implementation of Distributed Operating System for industrial process automation using embedded	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 14-17	Dec-16	SCOPUS
33	C Vivek, R. Subalakshmi	Design of Low-Power Specific Parallel Array Multipliers	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 9-13	Dec-16	SCOPUS

34	S.Palanivel Rajan, Dr.C.Vivek	Blending Augmented Reality and Cloud – Need of the hour and an innovative approach	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 23-27	Dec-16	SCOPUS
35	S.Palanivel Rajan, M.Poovizhi	Design of Patch Antenna Array for Radar Communication	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 38-40	Dec-16	SCOPUS
36	Dr.C.Vivek, S.Palanivel Rajan	Review of Low Power and High Speed Implementation of 3-bit Flash Analog to Digital Converter	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 /74-78	Dec-16	SCOPUS
37	T.Abirami, R.Gayathri	A Survey on Efficient Power allocation for OFDM – Based Cognitive Radio Systems	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 83-87	Dec-16	SCOPUS
38	M.Anitha, K.Kaarthik	Analysis of nutrient requirement of crops using its leaf	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 99-103	Dec-16	SCOPUS
39	S.Arulpriya, K.Sheikdavood	Analysis of MLSA for Low Power CAM Design	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 104-107	Dec-16	SCOPUS
40	K.Sheikdavood, S.Arulpriya	Analysis of Saliency Recognition through Comparable Image Recovery	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 108-112	Dec-16	SCOPUS
41	E.Dinesh, S.M.Ramesh	A Survey on Secured Data Transaction in Public/Private Data Cloud Services	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 113-115	Dec-16	SCOPUS
42	R.Gayathri, T.Abirami	Analysis of Multiwalled Carbon Nanotube as On-Chip Interconnect	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 119-124	Dec-16	SCOPUS
43	S.Gowri, K.Ribana	High-Speed Encoder and Decoder of the Binary Golay Code	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 125-128	Dec-16	SCOPUS
44	N.V.Andrews, K.Kaarthik	Relevant analysis for Beam switching applications through ACSFSS and double sided biasing	Journal of Chemical and Pharmaceutical Sciences	ISSN: 0974-2115	8 / 129-132	Dec-16	SCOPUS