Dr.Mahalingam College of Engineering and Technology
Pollachi-642003
Department of Electronics and Communication Engineering
Publication in National/International Journal &Book Publications
July 2016 to June 2017

Sl. No	Name of Faculty	Title of the Paper	Name of Journal	National / International	Year of Publication	Impact Factor	No.of citations as reported in	Indexing
1.	**K.Mohaideen Abdul Kadhar** S.Baskar	A Stopping criterion for decomposition-based multi objective evolutionary algorithms	Soft Computing: A Fusion of foundation Methodologies and Applications-Springer,pp.1-20 , ISSN(P) - 1432-7643 ISSN(E) - 1433-7479	International	September 2016(first online)	2.472	-	Scopus Google Scholar
2.	T.R.Rajalakshmi **R.Sudhakar**	Impact of Single Event Upset on voltage and current Behaviors of CNTFET SRAM and a comparison with CMOS SRAM	Journal of Circuits, Systems and Computers, Vo.26, No. 2, pp.1-14.P-ISSN: 0218-1266,E-ISSN: 1793-6454. DOI: 10.1142/S021812661750020	International	September 2016 (first online)	-	-	-
3.	C.Thirumalaiselvi **R.Sudhakar**	Performance Evaluation of Discrete Wavelet Transform Architectures for Image Compression Application	International Journal of Printing, Packaging& Allied Sciences, Vol.4, No.1, pp.136-145.	International	Dec 2016	-	-	-
4.	V.K.Sudha **R.Sudhakar**	Compression of medical Images through DPCM Coding of Multi Resolution and Multidirectional Sub bands	The International Arab journal of Information technology, Vol.14, No.2, pp.146-151,2017. ISSN:1683-3198 (print),ISSN:2309-4524 (Online)	International	March 2017	0.519	-	Thomson Reuters

5.	J.Amudha **R.Sudhakar**	A Multi-resolution transform for deblurring of images in the presence of impulse noise for real-time images	International Journal of Biomedical Engineering and Technology,Vol.23,Nos.2/3/4, 2107.ISSN online: 1752-6426 ISSN print: 1752-6418.http://dx.doi.org/10.1504/IJBET.2017.082648	International	April 2017	-	-	Scopus (Elsevier)
6.	S.Bharathi **R.Sudhakar**	A novel technique to Improve Template Security for Biometric recognition	The International Arab journal of Information technology, Vol.13, No.6A, pp.923-929, 2016. ISSN:1683-3198 (print),ISSN:2309-4524 (Online)	International	Dec 2016	0.519		Thomson Reuters
7.	K.Ragesh Krishnan **R.Sudhakar**	Hybrid Approach to classification of focal and diffused liver disorders using ultrasound images with wavelets and texture features	IET Image Processing, ISSN:1751-9659, DOI: 10.1049/iet-ipr.2016.1072	International	May 2017	0.860	-	Scopus
8.	J.Jaslin deva gifty **K.Sumathi**	IEEE 802 Standard Network's Comparison underGrid and Random Node Arrangement in 2.4 GHzISM Band for Single and Multiple CBR Traffic	International Journal of Advanced Networking and Applications,Vol.08 ,No.04, pp. 3118-3123 ,2017ISSN: 0975-0290	International	Jan-Feb 2017	-	-	-
9.	Ramesh. R **E. Kamalavathi** M.Karthi	Real time Fair sharing Bandwidth analysis using Game Equilibrium in VANET	International Journal of Emerging Trends in Science and Technology (IJETST) Vol.04, Issue 01,PP. 4934-4942 January 2017,ISSN 2348-9480	International	Jan - 2017	-	-	-
10.	Jothimeena.M **R.Sherinejenny**	A Survey on Implementation of Cryptographic Algorithms	International Academy of Engineering and Medical Research, vol.2, No.2,Feb 2017.	International	Feb-2017	-	-	-

11.	Abinaya.N **K.Ajikumar**	A Renovated Survey on Clustering Schemes in Mobile ad-hoc Network	International Academy of Engineering and Medical Research, vol.2, No.2, Feb 2017.	International	Feb-2017	-	-	-
12.	Ramesh. R **E. Kamalavathi**	A Review on Vehicular Ad-hoc Networks (VANET)	International Academy of Engineering and Medical Research,2017, Vol.2, No.2, Feb 2017.	International	Feb-2017	-	-	-
13.	**H.Maheshkumar** Shahana S Shobana Devi P.S Siddarth.K.L Amasaveni.G	Design of Power and Delay Efficient Carry select adder	International Journal of Latest Transactions in Engineering and Science,Vol.1,No.4,pp. 0024-0029,Feb 2017.ISSN:2321-0605	International	Feb -2017	-	-	-
14.	**K.Dhinesh** G.Mahalakshmi S.Sheeba K.Mohanapriya	Gesture Based Robotic Vehicle Using Sixth SenseTechnology	International Journal of Modern Electronics and Communication Engineering (IJMECE) Vol 5, No.2, pp.45-49, March, 2017. ISSN: 2321-2152	International	March 2017	-	-	-
15.	Ponselvi S **V. Seethalakshmi**	Secure Communication in Physical Layer through Cooperative Relay Networks	International Journal for Research in Applied Science & EngineeringTechnology (IJRASET),Vol 5, No.2, pp.123-129,May 2017,ISSN: 2321-9653.	International	May 2017	-	-	-
16.	N. Abinaya, **K. Ajikumar**	Performance Analysis of Power Aware Clustering Based Routing Protocol in Mobile Ad Hoc Network	International Journal for Research in Applied Science & EngineeringTechnology (IJRASET),Vol 5, No.2, pp.116-122,May 2017,ISSN: 2321-9653.	International	May 2017	-	-	-

17.	N.Reena J.Gayathiri R.Samsanthosh Raja **B.Pradeep Kumar**	Floating Point Fused Add-Subtract and Dot-Product Units	International Journal of Engineering Science and Computing, Vol.7,No.4, pp.10738-10742, April 2017.ISSN 2321 3361	International	April 2017	-	-	-
18.	**R. Sherine Jenny** **N. Sugirtham**	Impact of Ping Flood Attack and its Mitigation Technique: A Performance Evaluation	Journal of Network Security ISSN: 2395-6739 (Online), ISSN: 2321-8517 (Print) Vol.5, No.1,pp.11-21,	International	January 2017	-	-	-
19.	R.Priyanka T.Subashri A.Gowshalyadevi **N.Sugirttham**	Evaluation of Networks and its mitigation Techniques	International Journal of Computer Networks and Wireless communications,Vo.7,No.3,May-June 2017,pp.12-19, ISSN:2250-3501.	International	May-June 2017	-	-	-
20.	M. Jothimeena **R. Sherine Jenny**	Implementation of Secured Sensor Nodes Using Cryptographic Algorithms	International Journal of Advance Research, Ideas and Innovations in Technology,Vol.3,No.3,pp.822-830,ISSN: 2454-132X.	International	2017	-	-	-
21.	Sowmiya.S **Sumathi.K**	Implementation of Honey pot Methodology against Black Hole Attack in Mobile Ad Hoc Network	SSRG International Journal of Electronics and Communication Engineering (ICEHS),May 2017,ISSN: 2348 – 8549, Special Issue,pp.58-61,	International	2017	-	-	-
22.	J.Dhanasekar, **V.K.Sudha** RinuJohnsaon	A study on conventional SRAM and Adiabatic SRAM	International Journal of Scientific Research in Science, Engineering and Technology,Vol.3,No.1,pp.531-535,Print ISSN:2395-1990,	International	January-February 2017	-	-	-

23.	**C.Kalmani** V.AbishekKarthick, S.Anitha, K.Kavin Kumar	Design and Implementation of 4 Bit Multiplier Using Fault Tolerant Hybrid Full Adder	International Journal of Electronics and Communication Engineering, World Academy of Science, Engineering and Technology,Vol.11, No.5, 2017,pp.598-605.	International	May 2017	-	-	Google Scholar
24.	**C.Kalmani** K.Paramasivam	Modified Run Length Coding Technique for Test Data Compression Based on Multi-Level Selective Huffman Coding	International Journal of Electronics and Communication Engineering, World Academy of Science, Engineering and Technology,Vol.11, No.1, 2017,pp.117-120.	International	Jan 2017	-	-	Google Scholar

Books Published 2016-2017:

Sl. No.	Name of Faculty	Title of the Book	Publisher's Name	Year of Publication
1	**SudhakarR** (Edited by)	Recent Advances in Image and Video Coding	ISBN 978-953-51-2776-5, Print ISBN 978-953-51-2775-8, 274 pages, Publisher: InTech, Chapters published November 23, 2016 under CC BY 3.0 license DOI: 10.5772/62602	2016
2	**K.Sumathi** **V.seethalakshmi**	Optimization Techniques in Resource allocation of Wireless Communication Systems	Grin Publisher, ISBN 9783668359338, 13th December 2016, 58 Pages.	2016
3	**K.N.Vijeyakumar** **S Kalaiselvi** G.Hamsathvani	CMOS Area Efficient Approximate Arithmetic Architectures	ISBN: 978-3-330-33179-2 16.06.2017 ,60 Pages, June 201 LAP Lambert Academic Publishing	2017