



SRI KRISHNA COLLEGE OF TECHNOLOGY
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOURNAL PUBLICATION 2017-2018

S.NO	NAME OF THE FACULTY	JOURNAL NAME	DETAILS OF THE PAPER (Paper title, page no etc.,)	YEAR OF PUBLICATION
1.	G. Karthikeyaraj, R. Udaiyakumar, M.S. Mani Rajan	Optik	"Preventable interaction of attosecond soliton in an inhomogeneous lossy fiber: Application to dispersion and nonlinearity management", Volume 158, April 2018, Pages 753-761, ISSN: 0030-4026, DOI: https://doi.org/10.1016/j.ijleo.2017.12.188	2018
2.	R. Udaiyakumar, P. Vijayakumari, M.S. Mani Rajan, Bhupeshwaran Mani	Optik,	"Combined influence of Third order dispersion (TOD) and intra-pulse Raman Scattering (IRS) on initially phase imparted solitons", Volume 164, July 2018, Pages 45-53, ISSN: 0030-4026, DOI: https://doi.org/10.1016/j.ijleo.2018.02.041	2018
3.	R. Udaiyakumar, Senoj Joseph, T. V. P. Sundararajan, D. Vigneswaran, R. Maheswar, Iraj S. Amiri	Wireless Personal Communications (2018)	"Performance Analysis in Digital Circuits for Process Corner Variations, Slew-Rate and Load Capacitance", ISSN: 1572-834X, DOI: https://doi.org/10.1007/s11277-018-5428-8	2018
4.	R. Udaiyakumar, Senoj Joseph, T. V. P. Sundararajan, D. Vigneswaran, R. Maheswar, Iraj S. Amiri	Wireless Personal Communications (2018)	"Self Clock-Gating Scheme for Low Power Basic Logic Element Architecture", ISSN: 1572-834X, DOI: https://doi.org/10.1007/s11277-018-5385-2	2018
5.	K.Gayathree, B.Banusevasara swathy	International Journal of pure and applied mathematics	A Robust Single Ended 10T Schmitt Trigger Based SRAM Cell With Enhanced Read Write Assist Techniques	2018
6.	B.Banusevasara swathy K.Gayathree	International Journal of Engineering & Technology	Efficient high throughput decoding architecture for non-binary LDPC codes	2018



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7.	R. Udaiyakumar,T. Janani,R. Maheswar	Journal Results in Physics	Optical properties study of Nano-composite filled D shape photonic crystal fibre	2018
8.	Shalini S Aswini Priyadharssini A.M.	International Journal of Engineering & Technology	Efficient Implementation Of Unmanned Ground And Ariel Vehicle With Nano-Quadcopter	2018
9.	Jaishree.M,Agnes Shiny Rachel ,Banu Selva Sarswathy , Subashree.K	IJETSR,	Low Cost and Highly Authentication Protocol Design with Parallel Error Correcting Code, IJETSR, Volume 4, Issue 11, ISSN 2394 - 3386, Nov 2017,	2017
10.	K.Gayathree,B.B anuselvasaraswathy	International Journal of Advance Research in science and Engineering	DESIGN OF MULTILAYERED RIPPLE CARRY ADDER USING 5-INPUT MAJORITY GATES IN QCA, volume 6,Issue 11,Nov 2017.	2017
11.	R. Vadivelu,G. Santhakumar	IPASJ International Journal of Information Technology (IIJIT),	Implementation of Human Hand Gesture Recognition System for External Control Network, Volume 5, Issue 10, pp. 5-16, ISSN 2321-5976. Oct 2017	2017
12.	Z.Ahamed yasar, A.Kirthika, M.R.Thiyagupriyadharsan , K.Srinivasan	International Journal of Pure and Applied Mathematics,	DATA TRANSMISSION BETWEEN VEHICLES THROUGH Li-Fi TECHNOLOGY, Volume 117 No. 8 Nov 2017, 7-10	2017
13.	A.M.Aswini Priyadharssini, Shalini S, M.Saranya	IJECS	Analysis of security system, Volume 6, Issue 10,October 2017, ISSN 2348-117X	2017
14.	S.Vaishnavi, S.Kiruthiga	Journal of Advance Research in Dynamical & Control Systems	EFFICIENT IMPLEMENTATION OF COMBINATIONAL CIRCUITS USING PTL, , 13-Special Issue, September 2017, ISSN 1943-023X	2017
15.	S.Karthikeyan	Journal of Computational and Theoretical Nanoscience	Automatic Brain stroke Segmentation Using Probabilistic Patch Based Approach and Convolution Neural Network, American Scientific Publishers Vol.14, 5515-5524,2017	2017



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16.	D.Vigneswaran	ELSEVIER	D-Glucose sensor using Photonic crystal fiber, ELSEVIER, Optik 145 (2017) 489-494	2017
17.	D.Vigneswaran	ELSEVIER	Salinity sensor using Photonic crystal fiber, ELSEVIER, Sensors and Actuators A 269 (2017) 22-28	2017
18.	S.Logesh Kumar, R.R.Thirrunavukk karasu, S.Karthik, S.Ganesh Prabhu	published in the journal IJERCSE, Researchpedia: http://researchpedia.org/	Lowering Glucose Elevations using Smart Head-on conjunction through virtual Congruence of Cloud on Internet	2017
19.	S.Logesh Kumar, R.R.Thirrunavukk karasu, S.Karthik, S.Ganesh Prabhu	International Journal of Current Engineering and Scientific Research	Big Data Prologue Linking Cloud Computing to ascertain the Smart Polling ISSN:2393-8374 Vol:4 & Issue 9,Sept 2017	2017
20.	B.Priyanka, L.Charliene, Karunya, Dr.S.Malathy,	International Journal on Future Revolution in Computer Science & Communication Engineering	Slot Antennas, A Comprehensive Survey, Volume: 3 Issue: 9, 217 – 225, Sept 2017	2017
21.	K.Srinivasan	International Journal of Intelligent Engineering & Systems,	Similar Object Detection and Tracking in H.264 Compressed Video using Modified Local Self Similarity Descriptor and Particle Filtering, Vol.10, No.5, 2017	2017



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1	Dr.S.Malathy	International Journal of Printing, Packaging and Allied Sciences	Design and Performance Analysis of Complex switching Networks through VLAN, HSRP and Link Aggregation, Vol. 5, Issue. 1, pp. 139-148, ISSN 2320-4387	2017
2	Dr.S.Malathy	International Journal of Printing, Packaging and Allied Sciences	Intelligent Traffic Information System Control and Augmentation Using Image Segmentation, Vol. 5, Issue. 1, pp. 157-166. ISSN 2320-4387	2017
3	Dr. R. Vadivelu	International Journal of Printing, Packaging and Allied Sciences	Design and Performance Analysis of Complex switching Networks through VLAN, HSRP and Link Aggregation, Vol. 5, Issue. 1, pp. 139-148, ISSN 2320-4387	2017
4	Dr. R. Vadivelu	International Journal of Printing, Packaging and Allied Sciences	Intelligent Traffic Information System Control and Augmentation Using Image Segmentation, Vol. 5, Issue. 1, pp. 157-166. ISSN 2320-4387	2017
5	Dr. R. Vadivelu	International Journal of Printing, Packaging and Allied Sciences	Design and Implementation of Adaptable Gas Detector with Collision Free Quadcopter, Vol. 5, No. 1, pp. 601-610. ISSN 2320-4387	2017
6	Dr. Senoj Joseph	International journals of Recent and innovative trends in computing & communication	Efficient algorithm for online task placement on runtime partially reconfiguration FPGA, ISSN 2321-8169 volume 5,issue 3, pp 5-12, March 2017	2017
7	Yamini Shanmugam	Asian Journal of Research in Social Science and Humanities	Design of Accumulate Compare Select Unit of Viterbi Decoder at Reduced CMOS Process Technology, Vol.7, No.2, pp. 155-159, Feb 2017, DOI : 10.5958/2249-7315.2017.00078.8, ISSN : 2249-7315	2017
8	Yamini Shanmugam	Asian Journal of Research in Social Science and Humanities	Comparative Analysis of Design of Low Power Full Adder Structures for Deep Sub-Micron Technology, Vol.7, No.2, pp. 141-154, DOI: 10.5958/2249-7315.2017.00077.6, ISSN : 2249-7315	2017



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9	A.Kirthika	International Journal of Printing, Packaging and Allied Sciences	Scene Orient Efficient Watermarking for Improved Video Authentication Using Robust Features, Vol. 4, No. 5. ISSN 2320-4387	2017
10	S.Ganesh Prabhu	International Journal of Advanced Research Methodology in Engineering & Technology	CONTINUOUS MONITORING OF HUMAN HEALTH USING INTERNET OF THINGS, Vol:02 Special Issue, March 2017, ISBN 978-1-63535-324-2, page No:61-64	2017
11	S.Ganesh Prabhu	International Journal of Electronics and Communication Engineering (SSRG - IJECE)	IOT BASED HOME AUTOMATION AND SECURITY SYSTEM, March 2017 Edition, Vol:04 Issue04, March 2017, ISSN 2348-8549 page No:19-22	2017
12	S.Ganesh Prabhu	International Journal of Electronics and Communication Engineering (SSRG - IJECE)	AUTOMATIC TOLL E-TICKETING FOR TRANSPORTATION SYSTEMS, Vol:04 Issue03, March 2017, ISSN 2348-8549, page No:05-08	2017
13	S.Jaipriya	International Journal of Recent Trends in Engineering & Research (IJRTER)	A CRITIQUE ON IMAGE SEGMENTATION USING K-MEANS CLUSTERING ALGORITHM Special Issue, March 2017, , ISSN 2455-1457 page No:6-10	2017
14	S.kiruthiga	International Journal of Research in Electronics	Design and Implementation of Advanced Voting System using Matlab Image Processing with Picture Passwords., volume-4, issue-1, ISSN NO:2349-252X	2017
15	Srinivasan K	International journal of intelligent Engineering and systems (Annexure II)	Similar Object Detection And Tracking In H.264 Compressed Video Using Local Self Similarity Descriptor And Particle Filtering, ISSN2185-3118	2017
16	R. Maheswar	Biomedical Research	Boundary Tracing Algorithm For Automatic Skin Lesion Detection In Macroscopic	2017



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			Images, Vol.28, No.2	
17	R. Maheswar	Asian Journal of Research in Social Science and Humanities	Design and Development of 3 Phase 48 Pulse MOSFET Converter for Voltage Dip Mitigation in Micro Grids	2016
18	R. Maheswar	International Journal of Printing, Packaging and Allied Sciences	Design of 3 Phase, 48 Pulse FINFET Converter for Harmonic Mitigation to Reduce Transmission Losses in Power System	2016
19	G.Anitha	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Intelligent MAC Protocol for Wireless Sensor Networks, Vol. 5, Issue 4, DOI:10.15662/IJAREEIE.2016.0504148, ISSN (Print) : 2320 – 3765,ISSN (Online): 2278 – 8875	2016
20	P.Jayarajan	International Journal of Printing, Packaging and Allied Sciences	Performance Evaluation of Cluster Based Sensor Networks Using Priority Based N-Policy Queueing Model, Vol. 4, No. 4, December 2016,ISSN 2320-4387	2016
21	R. Udaiyakumar	International Journal of Printing, Packaging and Allied Sciences	"Performance Analysis in Digital Circuits for Processor Corner variations, Slew-rate and Load capacitances", International Journal Printing, Packaging & Allied Sciences, Vol. 4, No. 5, December 2016, ISSN 2320-4387, pp 2933-2943	2016



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S.NO	NAME OF THE FACULTY	2015-2016	DETAILS OF THE PAPER (Paper title, page no etc..)
1	Dr. R. Maheswar	2016	Hybrid ELMAN Neural Network approach for Reliability and Fault analysis of Quantum-dot Cellular Automata Circuits Internation Journal/Asian Journal of Communication/Impact factor 0.42,vol :06,July 2016
2	Dr. R. Maheswar	2016	Design and Development of 3 Phase 48 Pulse MOSFET Converter for Voltage Dip Mitigation in Micro Grids, Asian Journal pf Research in social and Humanities,Vol:6,2016 pg .No 2109 -2117.
3	Dr. R. Maheswar	2015	Minimization of E2E Delay in Wireless ADHOC Networks based on Residual Energy of Nodes, International Journal of Computer applications (0975 - 8887) Vol : 131,December 2015.
4	Dr.V.Vijayakumari	2015	Performance Analysis of Various Edge Detection Techniques In Cleft Lip Images Using Curvelet Transform, International Journal of applied Engineering Research /2015,Vol:09,Pg:23535 -23545 (IF:1.8233)
5	Dr.V.Vijayakumari	2015	Healthcare IOT-A Multilayer Security Mechanism using Linear Programmable Pre-coded Matrix Decomposition Method, , International Journal of applied Engineering Research /2015,Vol:10,Pg:23535 -23545 (IF:1.8233)
6	Dr.V.Vijayakumari	2015	Pulsed CMOS Neural Network Design in Subthreshold Region using Translinear Principle, International journal of applied engineering Research/ 2015,Volume 10 No-3(2015),Pg:33053-33064, IF: 1.8233
7	Dr.V.Vijayakumari	2015	Performance Analysis and Characterization Of Clock Network In CMOS Processor , Journal of Applied Science Research, 2015,Volume 11, Pg:60-65



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8	Dr.V.Vijayakumari	2016	CMOS Asynchronous Pulse Converter circuit for voltage mode PWN analog neuron ,Journal of Applied Science Research, 2015,Volume 11, Pg:127-130
9	Dr.V.Vijayakumari	2015	Security Enhanced channel pre-authentication and data Access using Hadamard pattern in wireless Personal area networks,ARPN Journal of Engineering and Applied Science/2015, Volume 11,Pg:1891-1907. IF:2.56
10	Dr. V.Arthi	2015	Performance Analysis of Adaptive Double Threshold Energy Detection Technique in Cognitive Radio Networks. International Journal of Applied Engineering and Research/2015, Volume 10, Pg: 98772-98884, IF:1.8
11	Dr. V.Arthi	2015	An Optimized Energy Detection Scheme For Spectrum Sensing In Cognitive Radio. International journal of Engineering Research and Development/2015, Volume 11, No.4,Pg:66-71, IF:4.14
12	Dr. V.Arthi	2015	The Performance Analysis of Optimal Adaptive Threshold Control In Cognitive Radio Networks. International journal of Engineering Research and Development/2015, Volume 10, No.4,Pg:27121-27128, IF:4.14
13	Ms.G.Anitha	2016	Intelligent MAC Protocol for Wireless Sensor Networks. International Journal of Advanced Research in Electrical and Electronics and Instrumentation Engineering/2016, Vol 5, Issue 4.
14	Mr.K.SRINIVASAN	2015	1.MOTION DETECTION AND TRACKING IN VIDEO USING COLOR FEATURE EXTRACTOR. International Journal of Advanced Information Science and Technology/August 2015, IF:3.1
15	Mr.K.SRINIVASAN	2015	Moving Object Tracking using Color Feature in a Video . (Annexure II). Global Journal of Computer science and Technology Graphics and Vision/2015, Volume 15, Issue 4, IF:2



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16	Mr.K.SRINIVASAN	2016	OBJECT DETECTION AND MOVEMENT TRACKING IN H.264 COMPRESSED VIDEO BASED ON OPTIMAL PARTICLE FILTERING TECHNIQUE. American Scientific Publisher, Journal of Computational and Theoretical nanoscience/2016, IF:1.343
17	Mr.M.R. THIYAGUPRIYADHARSHAN	2016	Accurate Classification of Plaque in Carotid Arteries with Ultra Sound Images", Research India Publication, International Journal of Computational Intelligence Research/2016, Vol 12, Pg:45-55, IF:0.67
18	Mr.ARUNPRASATH N	2015	An efficient RP node selection to reduce the energy consumption in WSN. International Journal of Revolution in Electrical and electronics engineering/2015, Vol: 2, IF:1.08
19	Mr. AHAMED YASAR Z	2016	Accurate Classification of Plaque in Carotid Arteries with Ultra Sound Images" .Research India Publication, International Journal of Computational Intelligence Research/2016, Vol 12, Pg:45-55, IF:0.67
20	Ms. K. DIVYA	2015	Minimization of E2E delay in wireless ADHOC networks based on residual energy of nodes. International Journal of Computer Applications/2015,Vol 131, Pg: 2
21	Ms. K. DIVYA	2015	RTCP CRAHN-Renovated Transport Control Protocol for Cognitive Radio Adhoc networks. International Journal of Computer Science and Engineering Communications/2015, Vol:3,Pg:714-721



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JOURNAL PUBLICATION 2014-2015

S.NO	NAME OF THE FACULTY	2014-2015	DETAILS OF THE PAPER (Paper title, page no etc.)
1	Dr.V.Vijayakumari	2014	Power optimization technique for circuits using fine grain clock controller at leaf nodes. Asian Journal of Information Technology, Vol : 13, Pg:83-88.
2	Mr. Senojjoseph	2014	A Temperature aware Z curve based online task placement algorithm for partially reconfigurable FPGAs. Journal of Theoretical and applied Information Technology, Vol:66, No-3
3	Ms. G. Anitha	2014	Efficient and secured multicasting over mobile Ad-Hoc networks. International Journal of Computer Networks and Wireless Communications , Vol:4/2014, Pg:365
4	Mr. V.Kumar	2014	Implementation of elliptic curve multiplication. International Journal of Advanced Information Science and Technology, Vol:23, No-23,2014
5	Ms. S. Thenmozhi	2014	Efficient and secured multicasting over mobile Ad-Hog networks. International Journal of Computer Networks and Wireless Communications , Vol:4/2014, Pg:365



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