

Paper Publication : AY: 2015-16

Sr. No.	Date	Name of Author	Name of Co-Auth-ors	Level and Name of Journal (Vol. No.)	Title of Paper
1	June 2015	Sneha Gurnale	Dr. Mrs. P. Malathi, Dr. Manish Sharma	International Journal of Research in Computer and Communication Technology, Vol 4, Issue 6, ISSN 2278-5841	A Lightweight Routing Approach for In-Network Aggregation in Wireless Sensor Networks
2	July-August 2015	Vrushali Patil	Dr. Mrs. P. Malathi, Dr. Manish Sharma	International Journal of Engineering Research and General Science, vol 3, Issue 4, ISSN 2091-2730	Edge Preservation using Guided Image Filter Techniques
3	June 2015	Vrushali Patil	Dr. Mrs. P. Malathi	IJCA NCETACT-15	Edge-Preserving Smoothing of images using Guided Filter
4	June 2015	Supriya M. Nasre	Dr. Mrs. P. Malathi, Dr. Manish Sharma	International Journal of Research in Computer and Communication Technology (IJRCCT), online, Vol 4(6), 405-4099	Wireless Mesh Network Deployed in Disaster Area using Gateway Selection
5	June 2015	Dr. Mrs. P. Malathi	Dr. Manish Sharma, Chetan Korde	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg, Vol 4, Issue 6, June 2015, pp 5194-5199	Pipelined CORDIC architecture for FFT processor implementation on FPGA
6	June 2015	Chetan Korde	Dr. Mrs. P. Malathi, Sudhir N. Shelke, Dr. Manish Sharma	Journal of Innovation in Electronics and Communication Engineering, vol 5, ISSN-2249-9946	Design of FPGA Based Radix-4 FFT processor using CORDIC
7	June 2015	Sneha Gurnale	Dr. Mrs. P. Malathi	International Journal of Science and Research, Vol-4, Issue-6, pp-2180-2183	A Lightweight & Novel Approach for In-Network Aggregation in Wireless Sensor Networks
8	June 2015	Dr. Mrs. P. Malathi	Supriya M., Manish Sharma	International Journal of Science and Research, Vol 4(6), 2319-7064	Wireless Mesh Network Deployment through Gateway Selection in Disaster Area
9	June 2015	Ashwini Pundik Dakare	Dr. D. G. Khairnar	IJCA-(0975-8887) NCETACT-15	A Survey on Cluster-based Architecture in Cognitive Radio Ad-hoc Network
10	July 2015	Dr. Manish Sharma	Asma Chishti	IJSR, ISSN: 2319-7064, Vol 4, Issue 7	Low Power PLL with Time Shift Circuit Using Parallel PFD Configuration.
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11	July 2015	Ashlesha Panbude	Dr. Manish Sharma	IJSR, ISSN: 2319-7064, Vol 4, Issue 7	Neural Network on FPGA for PID Controller
12	June	Ashlesha	Dr. Manish Sharma	IJCA(0975-8887)	Implementation of Neural Network

	2015	Panbude		NCETACT-15	for PID Controller
13	June 2015	Rahul Mane	Dr. Manish Sharma	European Academic Research, Vol III, Issue 3, ISSN- 2286-4822	Adaptive Contourlet transform and wavelet transform based image Steganography using Singular Value Decomposition
14	May-June 2015	Rahul Mane	Dr. Manish Sharma	International Journal of Technical Research and Applications, Vol 3, Issue 3, PP.294-297	Adaptive Contourlet transform and wavelet transform based image Steganography using Singular Value Decomposition on ECG Signal
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15	2015	Vaibhav Gaikwad	Dr. Manish Sharma, Mrs. Trupti Wagh	Journal of Advancements in Robotics	Discontinuous Reception and Discontinuous Transmission Mechanism at Evolve Node and UE for Efficient Power Saving in LTE Network
16	June 2015	Vaibhav Gaikwad	Mrs. Trupti Wagh	IJCA (0975-8887) NCETACT-15	Overview of Power Optimization in LTE Network
17	May-June 2015	Ms. Ruchika Bamnote	Mrs. Priya M. Nerkar	IJERGS ISSN/ISBN 2091-2730	IP core Design of Task Scheduler to support OoO Execution in an MPSOC Environment
18	June 2015	Ms. Ruchika Bamnote	Mrs. Priya M. Nerkar	IJCA ISSN-ISBN 0975-8887	Review on Dynamic Task Scheduling to support OoO Execution in an MPSOC Environment
19	June 2015	Mrs. Mrunali Jadhav	Mrs. Priya M. Nerkar	IJCA ISSN-ISBN 0975-8887	Survey on Finger Vein Biometric Authentication System
20	June 2015	Mrs. Mrunali Jadhav	Mrs. Priya M. Nerkar	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4, Issue 6 ISSN/ISBN-2320-3765, pp.5054-5061.	A Biometric system for Person Authentication Based on Finger Vein Patterns on FPGA
21	July-August 2015	Mrs. Mrunali Jadhav	Mrs. Priya M. Nerkar	International Journal of Engineering Research and General Science (IJERGS) Volume 3, Issue 4	FPGA-Based Finger Vein Recognition System for Personal Verification
22	July 2015	Ms. Tejas S Joshi	Mrs. Priya M. Nerkar	International Journal of Science and Research (IJSR)	A Wide Range Level Shifter Using a Self Biased Cascode Current Mirror
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23	June 2015	Ms. Tejas S Joshi	Mrs. Priya M. Nerkar	IJCA ISSN-ISBN 0975-8887	Wide Range Level Shifter using a Self biased cascode current mirror with PTL based Buffer
24	June 2015	Ms. Shital Mahajan	Mrs. Priya M. Nerkar	IJCA, ISSN-ISBN 0975-8887, pp.5-6.	Study on I2C protocol for Implementation on FPGA
25	July 2015	Ms. Shital Mahajan	Mrs. Priya M. Nerkar	IJSR, ISSN:2319-7064	Intelligent Energy Management System based on FPGA and GSM

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26	July 2015	Aparna S.Shinde	Mayuri B. Junghare	International journal of Advanced Research in Electrical, Electronics and Instrumentation Engg, Vol 4, Issue 7, July 2015	A Low Power Clock Gating Based On Look Ahead Clock Gating
27	July 2015	Priyanka Swami	Mrs. Aparna Shinde	IJSR, ISSN:2319-7064	FPGA Implementation of Runway Extraction using Image Fusion Method
28	July 2015	Parvin Tamboli	Mrs. Aparna Shinde	IJSR, Vol 4, Issue 7	Efficient Approximate DCT Transform For Image Compression
29	June 2015	Swetha Patil	Mrs. Priya Charles	IJRITCC, Vol 3 Issue 6	Depth Estimation for 2D-to-3D Image Conversion Using Scene Feature
30	June 2015	Chetan Korde	Dr.P. Malathi	IJCA(0975-887), NCETACT-15	Study of Radix-4 FFT Processor using CORDIAC
31	June 2015	Sagar Daf	Mrs. Priya Charles	International Journal of Advanced Reasearch in Electrical, Electronics and Instrumentation Engineering, Vol 4, Issue 6,pp.1-7	Sleepy Stack Approach for Leakage Reduction of Low Power Flip Flop
32	June 2015	Shradha Agrey	Mrs. Priya Charles	International Journal of Advanced Reasearch in Electrical, Electronics and Instrumentation Engineering, Vol 4, Issue 6,pp.1-7	Comparative Analysis of Different Adders for Wallace Tree Multiplier
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33	July 2015	Harshal R. Kanhekar	Mrs. Sayali N. Mane	I.J Wireless and Microwave TTechnologies, 62-68	Digital Wallet
34	January 2016	Rahul N. Nikhade	Prof. Arokia Priya Charles	IJIRCCE, Vol.4, Issue 1, ISSN:2320-9801	Review of VLSI architectures for FMO encoder & Manchetser Encoder
35	March 2016	Revathi. T. K	Anand K	IJETS, Vol.3, Issue 3, pp.9-12, ISSN: 2349-3968	Investigation & Prognosis on technology integration and innovation through Internet of Things
36	March 2016	Shilpa Lavarale	Dr.Mrs.P. Malathi	IJIRICACE, Vol 4, Issue 3, ISSN 2320-9798	Performance evaluation of EICIC based on Abs and Cbs algorithm in Lte Hetnets: A Review
37	April 2016	Sagar S. Mahajan, Nikhil S. Rane, Prasad R. Sonawane	Manisha R. Rajput	International Journal of Research in Computer and Communication Technology, Vol 5, ISSN (Online) 2278-5841, Issue 4, pp.200-203	Delay Analysis of AODV Routing Protocol
38	May 2016 (01/05/2016)	Abhishek Sarode, Mahadev Tidke, Omkar Kulkarni,	Prof. Aditi Chaudhuri	International Journal Of Pure And Applied Research In Engineering And Technology, Vol 4, Issue 9, ISSN: 2319-507X, pp.83-90	Wireless Animatronic Hand Using Control Glove
39	July 2015	Pradnya Jadhav	Usha Jadhav	International Journal of Science and Research (IJSR) Volume 4 Issue 7, ISSN (Online): 2319-7064, pp.439-442	Sobel Edge Detection implementation using FPGA

40	September 2015	Vaibhav Gaikwad	Manish Sharma and Trupti Wagh	I.J. Wireless and Microwave Technologies, pp.47-55.	DTX mechanism at Evolve Node for Efficient Power Saving in LTE Network
41	April 2016	Pallavi A. Chanekar,	Prof. Rutuja A. Deshmukh, Dr. Neelam D. Deshmukh	International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 4, ISSN(Online) : 2320-9801, pp. 7590-7594.	A Review on Energy Efficient Resource Allocation in Uplink SC-FDMA System for Improving QoS
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42	July 2015	Parvin Tamboli	Aparna Shinde	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4, Issue 7, ISSN (Online): 2278 – 8875, pp.6185-6190.	A Low Complexity 8×8 DCT Transform for Image Compression
43	July 2015	Sneha Ghoradkar	Aparna Shinde	International Journal of Science and Research (IJSR), Vol. 4 Issue 7, ISSN (Online): 2319-7064, pp.1150-1152.	AES Algorithm on FPGA based Image Encryption and Decryption
44	August 2015	Suraj B. Gawhare	Arati Gaikwad	International Journal of Emerging Technologies in Engineering Research (IJETER) Vol. 2, Issue 1, ISSN: 2454-6410, pp. 1-4.	180nm Low Power CMOS Voltage Comparator
45	April 2016	Prachi C. Sayankar	Sayali N. Mane	International Journal of Innovative Research in Computer and Communication Engineering Vol. 4, Issue 4, ISSN(Online): 2320-9801, pp. 1-4.	Handover Scheme for Mobile Relays in LTEA High Speed Rail Network: A REVIEW
46	2015	Nikhil Mathane	Manish Sharma	International Journal of Advanced Research in Computer Communication Engineering Vol. 4, ISSN (online): 2278-10 pp.1-3	Adaptive Optimal Handover Parameters Adjustment Technique for Conflict Avoidance in LTE
47	2015	Vivek C Mohite	Shilpa Lahane	International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, ISSN (online): 2278-1021.	Multi-cell Resource Block Allocation Frequency Reuse Scheme with Optimal Power