

FACULTY PUBLICATIONS

Academic Year: 2017- 2018

PAPER PUBLICATIONS (2017-2018)			
INTERNATIONAL CONFERENCE			
S.No	AUTHORS	TITLE OF THE PAPER	CONFERENCE DETAILS
1.	Mr. S. Ranjith, et al.	Low Power and Area Efficient Design of Full Adder Circuit using LCPMOS Technique	ICONSET 2018
2.	Dr. J. Jebastine, et al.	A Low power High Performance SOC Platform for Smart Phones	ICONSET 2018
3.	Mr. M. Suman	Implementation of WSN's Device Addressing, Data Aggregation and Secure Control in IOT Environment	ICONSET 2018
4.	Mr. T. R. Chenthil, et al.	Intrusion Detection with Smart Dust using Wireless Sensor Networks	ICONSET 2018
5.	Dr. J. Jebastine, et al.	Design and Modeling of a Pendulum Driven Hopping Stumpy Robot	ICONSET 2018
6.	Mr. T. Jagadesh, et al.	Design of FIR Filter Architecture using Majority Function Based 6T-Full Adder	ICONSET 2018
7.	Mrs. F. Dalphin Mary, et al.	An Implementation of FPGA Based Smart Meter for Home Energy Management	ICONSET 2018
8.	Ms. T. Vishnu Priya, et al	Energy Efficient Resource Allocation in Cognitive Radio Networks using AR Strategy	ICONSET 2018
9.	Mr. J. Ranjith Kumar, et al.	Automatic Guiding System for Blind People	ICONSET 2018
10.	Mr. T. Jagadesh, et al.	Development of Algorithm for Target Detection and Motion Parameter Estimation using TRT-SGRFT	ICONSET 2018
11.	Mr. E. Sakthivel, et al.	WSN Based Street Light Control and Monitoring System	ICONSET 2018
12.	Ms. Madona B Sahaai, et al.	Low-Power 19-Transistor True Single-Phase Timing Flip-Flop Design Based on Logic Structure Reduction Schemes	ICONSET 2018

13.	Ms. P Jeya Priyanka, et al.	Design and Implementation of Adiabatic Logic using Low Power VLSI Circuits	ICONSET 2018
14.	Mr. G. C. Jagan, et al.	Analysis of Improving Energy Efficiency in Wireless Communication and Networks	ICONSET 2018
15.	Mr. S. Ramesh, et al.	Neonatal Monitoring and Security System using Passive RFID Tags	ICONSET 2018
16.	Mrs. C. Anitha, et al.	Prevention of Eavesdropping in OFDM Systems using Coordinate Interleaving Technique	ICONSET 2018
17.	Mr. G. Balachandran, et al.	Automated Toll Fare Collection System in Toll Gate by Linking Vehicle Register Number to Bank Account	ICONSET 2018
18.	Mr. G. Balachandran, et al.	Digital Image Stabilization using Optical Motion Optimization	ICONSET 2018
19.	Mrs. R. Bhavani, et al.	Brain Tumor Segmentation and Stage Classification using SVM Classifier and Notification	ICONSET 2018
20.	Mr. M. Suman, et al.	Vehicle Registration Details Extraction System using GSM	ICON SET 2018
21.	Dr. J. Venu Gopala Krishnan, et al.	Study the Performance Characteristic of LNA using VLSI Tools for Realization of Impedance Matched Networks	ICONSET 2018
22.	Mrs. N. Kiranmayee, et al.	A Novel Approach for Brain Tumor Preprocessing and Segmentation	ICONSET 2018
23.	Mrs. V. Nanammal, et al.	Recent Challenges in Robotics and Industrial Automation	ICONSET 2018
24.	Dr. J. Jebastine, et al.	Detection of Malfunctioning and Cardiac Disorders of Heart by using Signal Processing Techniques	ICONSET 2018
25.	Mr. T. Jagadesh et al.	Tracking Multiple Maneuvering Target in a Network of Passive Readers	ICONSET 2018
26.	Mr. B. Arun Vijayakumar, et al	5-10Gb/S BM-CDR Based on CMOS with Asynchronous PI for Pons: Theoretical and Experimental	ICONSET 2018

27.	Mrs. N. Kiranmayee, et al.	Wireless Black Box using MEMS Accelerometer and GPS Tracking For Accidental Monitoring of Vehicles	ICONSET 2018
28	Mr. S. Ranjith, et al.	Power Efficient & Reduced Probability Collisions in Wireless Sensor Network with RTSP Technique	ICONSET 2018

INTERNATIONAL JOURNALS (2017-2018)

S.No	AUTHORS	TITLE OF THE PAPER	JOURNAL DETAILS
1.	Mr. T. Jagadesh, et al.	Performance Analysis of Stochastic Random Process in Multipath Fading Channels for OFDM Applications	TAGA Journal of Graphic Technology Vol.14/1/ February 2018 (Scopus Indexed Journal)
2.	Mr. G. Balachandran, et al.	Modeling of Double Tail Comparator for High Speed ADC.	Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp-14 / September 2017 (Scopus Indexed Journal)
3.	Dr. S K. Padmanabhan, et al.	Generation of Multibit using Low Adders for Power Optimization For Wireless Application	Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp-14 / September 2017. (Scopus Indexed Journal)
4.	Ms. T. Vishnupriya, et al.	A Novel Low Power Adiabatic based SRAM Design using Latest Nano-Devices for Memory Array	Middle East Journal of Scientific Research Vol. 25. Sp- 4 /April 2017 (Scopus Indexed Journal)
5.	Dr. J. Jebastine, et al.	Design and Modeling of a Pendulum Driven Hopping Stumpy Robot	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
6.	Mr. M. Suman	Implementation of WSN's Device Addressing, Data Aggregation and Secure Control in IOT Environment	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
7.	Mr. G. C. Jagan, et al.	Analysis of Improving Energy Efficiency in Wireless Communication and Networks	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
8.	Dr. S. Ramesh, et al.	Neonatal Monitoring and Security System Using Passive RFID Tags	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.

9.	Mr. T. R. Chenthil, et al.	Intrusion Detection with Smart Dust Using Wireless Sensor Networks	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
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11.	Mr. S. Ranjith, et al.	Power Efficient & Reduced Probability Collisions in Wireless Sensor Network with RTSP Technique	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
12	Mr. E. Sakthivel, et al.	WSN Based Street Light Control and Monitoring System	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
13	Ms. T. Vishnupriya, et al.	Design and Analysis of Low Power, High Speed SRAM Memory using 12T SRAM Cell	Journal for Advanced Research in Applied Science.Vol.5. Issue 3/ April 2018.
14.	Ms. A. Santhiya, et al.	SPCDP: Synthetic Personality of Crime Detection and Prevention	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
15	Ms. V Angeline Princy	An Efficient Video Compression Technique Based on Three-D Hadamard Redesign using Component Based Absolutely Intra Mode Desire	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
16.	Ms. A. Pitchaikani et al.	4G - New Era in Wireless Technology	Journal for Advanced Research In Applied Science.Vol.5. Issue 4/ April 2018.
17	Mrs. F. Dalphin Mary, et al.	An Implementation of FPGA Based Smart meter for Home Energy Management	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
18	Ms. T. Vishnupriya, et al.	A Novel Energy Efficient Resource Allocation using Adaptive Relaying Technique for Cognitive Radio Networks	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
19	Mr. T. Jagadesh, et al.	Design of FIR Filter Architecture using Majority Function based 6T-Full Adder	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.

20	Ms. P. Jeya Priyanka, et al.	Design and Implementation of Adiabatic Logic using Low Power VLSI Circuits	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
21	Dr. J. Jebastine, et al.	A Low Power High Performance SOC Platform for Smart Phones	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
22	Mrs. R. Gracelin sheeba, et al.	Attitude of Teacher Trainees Towards E-Learning	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
23	Mrs. P. Jeyapriyanka, et al.	Implementation of Low Power Clocking System in Power Efficient Flip-Flop	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.
24	Mr. J. Ranjith Kumar, et al.	Automatic Speech Processor Guiding System for Visually Impaired People	Journal for Advanced Research in Applied Science.Vol.5. Issue 4/ April 2018.