



PRIYADARSHINI ENGINEERING COLLEGE, VANIYAMBADI - 635 751
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PUBLICATIONS - (2013-2014)

S.NO	NAME OF THE FACULTY	TITLE	JOURNAL/ CONFERENCE
1	Ms.N.Jayakala	Low Power Flip Flop Designing Using Various MOS Logic Techniques	Conference Proceedings ICET-2k14
2	Ms. S.Samundeeswari	Effective data Aggregation and scheduling schemes for wireless Networks-slotted solutions	Conference Proceedings ICFTEE2014
3	Ms. R. Elavarasi	Effective data Aggregation and scheduling schemes for wireless Networks-slotted solutions	Conference Proceedings ICFTEE2014
4	Ms. S. Gayathri	Design of Embedded System and Data Communication for an Agricultural Autonomous	Conference Proceedings Icet-2k14
5	Mr. R. Selvarasan	Analysis and design of a low voltage and low power double tail comparator	Conference Proceedings ICET-2k14
6	Mr. G. Subramani	A Secure & Service oriented IP Core frame work for wireless broadband Access Wi.Max 802.16e	Conference Proceedings NCEICE'14
		Analysis and design of a low voltage and low power double tail comparator	Conference Proceedings ICET-2k14
7	Mr. G. Manigandan	Laplacian pyramid based speckle reducing an isotropic diffusion for SAR images	Conference Proceedings 2014
8	Mr. P. Arun Kumar	Laplacian pyramid based speckle reducing an isotropic diffusion for SAR images	Conference Proceedings 2014
9	Mr. J.Vinothkumar	Low Power Flip Flop Designing Using Various MOS Logic Techniques	Conference Proceedings ICET-2k14
10	Mr. A.S.Krishnamurthi	Automatic Test Pattern Generation for Asynchronous Circuits	Conference Proceedings Icet-2k14
11	Mr. T. Vignesh	Laplacian pyramid based speckle reducing an isotropic diffusion for SAR images	Conference Proceedings 2014
12	Ms.S.Senthamizhselvi	Design of Embedded System and Data Communication for an	Conference Proceedings

		Agriultural Autonomous	Icet-2k14
13	Mr. S. Karthik	Automatic Test Pattern Generation for Asynchronous Circuits	Conference Proceedings ICET-2k14
14	Mr. K. Sridhar	Low Power Flip Flop Designing Using Various MOS Logic Techniques	Conference Proceedings ICET-2k14



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FACULTY PUBLICATIONS - (2014-2015)

S.No	NAME OF THE FACULTY	TITLE	JOURNAL/ CONFERENCE
1	Ms. S.Samundeeswari	A prototypical high-capacity data hiding based image compression using SMVQ with an adaptive index and block truncation coding	Conference Proceedings NCTEC-2015
2	Ms. R. Elavarasi	A prototypical high-capacity data hiding based image compression using SMVQ with an adaptive index and block truncation coding	Conference Proceedings NCTEC-2015
3	Ms. S. Gayathri	Motion vector Estimation using local block matching algorithm to H.264 Coding	Conference Proceedings RTEECE-2015
4	Mr. R. Selvarasan	Co-operative relaying spectrum sharing in cognitive radio networks	Conference Proceedings ICET-2k15
5	Mr. G. Subramani	Co-operative relaying spectrum sharing in cognitive radio networks	Conference Proceedings ICET-2k15
6	Mr. G. Manigandan	FPGA implementation of floating point multiplier using Vedic mathematics-Xilinx ISE Tool	Conference Proceedings 2015
7	Mr. P. Arun Kumar	FPGA implementation of floating point multiplier using Vedic mathematics-Xilinx ISE Tool	Conference Proceedings 2015
8	Mr. A.S.Krishnamurthi	Efficient Time Synchronization For Underwater Wireless Sensor networks	Conference Proceedings ICET-2k15
9	Mr. T. Vignesh	FPGA implementation of floating point multiplier using Vedic mathematics-Xilinx ISE Tool	Conference Proceedings 2015
10	Ms.S.Senthamizhselvi	An advanced image contrast enhancement using histogram modification technique	Conference Proceedings RTEECE-2015
11	Mr. S. Karthik	Efficient Time Synchronization For Underwater Wireless Sensor networks	Conference Proceedings ICET-2k15
12	Mr. K. Sridhar	An Approach Of Data Aggregation Using Wireless Networks With Filtering Attacker's Impact	Conference Proceedings ICET-2k15
13	Ms.G.Gayathri	Neural Network Based Channel Estimation Along With Modified Pilot Pattern For 4g Networks	Conference Proceedings RIEMTA-2015
		Improving channel capacity and performance analysis for data centric	Conference Proceedings

		applications using multicarrier CDMA	RTEECE-2015
15	Mr. K. Karthick	An Approach Of Data Aggregation Using Wireless Networks With Filtering Attacker's Impact	Conference Proceedings ICET-2k15
16	Ms. S. Ramapriya	An advanced image contrast enhancement using histogram modification technique	Conference Proceedings RTEECE-2015



FACULTY PUBLICATIONS - (2015-2016)

S. No	NAME OF THE FACULTY	TITLE	JOURNAL/ CONFERENCE
1	Dr.R.Sivakumar	Residential appliances control using Internet of things	Conference Proceedings RIETMA -2016
2	Ms. S.Samundeeswari	Home automation using LI-FI Technology	Conference Proceedings RIETMA -2016
3	Ms. S. Gayathri	Next Generation Narrow Band (Under500khz) Power Line Communications Standards	Conference Proceedings RIETMA -2016
4	Mr. R. Selvarasan	Path Congestion Control And Failure In An Interactive Network Applications	Conference Proceedings RIETMA -2016
5	Mr. G. Subramani	Design Of Proficient Analytical Model For Wireless MultiHop Network	Conference Proceedings RIETMA -2016
6	Mr. G. Manigandan	64 STAGE ROPUFs GDS2 for Device Authentication and Secret Key Generation	Conference Proceedings RIETMA -2016
7		64 STAGE ROPUFs GDS2 for Device Authentication and Secret Key Generation	Conference Proceedings RIETMA -2016
		Implementation of Electrocardiogram Monitoring and Heart Rate Measurement	Conference

	Mr. P. Arun Kumar	System	Proceedings RIETMA -2016
8	Mr. T. Vignesh	Implementation of Electrocardiogram Monitoring and Heart Rate Measurement System	Conference Proceedings RIETMA -2016
9	Ms.S.Senthamizhselvi	Health Care System Based On Ant+ Protocol	Conference Proceedings RIETMA -2016
10	Mr. S. Karthik	Wireless Sensor Networks Using ZigBee	Conference Proceedings RIETMA -2016
11	Mr. K. Sridhar	Embedded based remote monitoring system for mobile base stations using IOT	Conference Proceedings RIETMA -2016
12	Mr. K. Karthick	Embedded based remote monitoring system for mobile base stations using IOT	Conference Proceedings RIETMA -2016
13	Ms. S. Ramapriya	A Novel Method For Paralytic Hand Rehabilitation Using EMG Controller	Conference Proceedings RIETMA -2016



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FACULTY PUBLICATIONS - (2016-2017)

S. No	NAME OF THE FACULTY	TITLE	JOURNAL/ CONFERENCE
1	Dr.M.Uma Devi	Optimization Of path selection in MIMO	Conference Proceedings RIETMA -2017
		Flood detection and tracking using WSN for agriculture	Conference Proceedings RIETMA -2017
2	R.Elavarasi	Power Efficient Channel Estimation and Signal Detection on Downlink Using GLRT algorithm	Conference Proceedings RIETMA -2017
		Dynamic Power Estimation Of Wireless Communication By Using FPGA	Conference Proceedings RIETMA -2017
3	Ms. S. Gayathri	Feature Segmentation Of Blood Vessels Using SOSVM For Retinal Fundus Images	Conference Proceedings RIETMA -2017
4	Mr. R. Selvarasan	Performance of Secured Communication in MIMO-OFDMA based Cognitive Radio Networks	Conference Proceedings RIETMA -2017
5	Mr. G. Subramani	Class-III SLM And PTS Scheme Based On Variance Of Correlation Analysis Of PAPR And Alternative OFDM Signal Sequences"	Conference Proceedings RIETMA -2017

6	Mr. S. Karthik	Implementing Virtual Touch Buttons and Virtual Sliders Projector and Camera”	Conference Proceedings RIETMA -2017
7	Mr. K. Sridhar	Parametric kernel estimation for license plate image debluring	Conference Proceedings RIETMA -2017



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FACULTY PUBLICATIONS - (2017-2018)

S. No	NAME OF THE FACULTY	TITLE	JOURNAL/ CONFERENCE
1	R.Elavarasi	Matlab based vehicle identification system using OCR based number plate reading	Conference Proceedings RIETMA -2017
2	Mr. R. Selvarasan	IoT based smart bin monitoring using sensor and GSM for smart cities	Conference Proceedings RIETMA -2017
3	Mr. G. Subramani	Vehicle pollution detection and monitoring control system	Conference Proceedings RIETMA -2017
4	Mr.P.Arunkumar	Analysis of PUF Based Hardware Security for Reconfigurable Devices	ICCTEEE-2018
		IOT based reconfigurable RTOS for mining monitoring and predictive maintainance	ICCTEEE-2018
		IoT based Health monitoring for solving decesion making problem using fuzzy soft set	National Conference on Mathematical Sciences and its Applications
		VLSI SOFT FUZZY LOGIC BASED SECURITY VERIFICATION FOR AMI PAPER CODE : 01-2018-2016	EECCMC-2018

		HARMONIC REDUCTION FUZZY LOGIC BASED LOAD FC FOR HYBRID POWER GENERATION PAPER CODE : 01-2018-2012	EECCMC-2018
5	Mr.T.Vignesh	IoT based smart assistant in human health care	Conference Proceedings RIETMA -2017
6	Ms.S.Senthamizhlselvi	Resource allocation and scheduling in cognitive radio network with enhanced encryption in 5G hetnets	Conference Proceedings RIETMA -2017
		Image enhancement using morphological reconstruction	Conference Proceedings RIETMA -2017
		Smart border alert system for fisherman using GPS and GSM	Conference Proceedings RIETMA -2017
7	Mr. S. Karthik	An intelligent ambulance car which control the traffic light and density based automatic control system	Conference Proceedings RIETMA -2017
		Helmet for wireless authentication and alcohol sensing	Conference Proceedings RIETMA -2017
8	Mr. K. Sridhar	Human and animal intrusion detection system using PIR Sensor	Conference Proceedings RIETMA -2017

