

Research and Development 2016-17

Academic Research

- Academic research includes research paper publications, Ph.D. guidance, and faculty receiving Ph.D. during the assessment period.
- Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.(6)
- Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute(4)
- All relevant details shall be mentioned.

Journal publications

S.No	Name of the Faculty	Name of the Title	Name of the Journal	Volume & Issue	Year
1	Mr.Ch.Lakshmi Narayana	“A Proposed for Monitoring Street Transformers in Rural Areas Using Embedded Systems”	International Research Journal of Engineering &Technology	ISSN-2395-0072	October 2016,
2	Mr.K.V.R.Vara Prasad	“Design and Implementation of Pulsed Latch based shift Register using Body Biasing Techniques”	International Journal of VLSI System Design and Communication Systems	ISSN-2322-0929,Vol.04	Nov-16
3	Dr.V.Sailaja	“IOT Solution for Remote patient monitoring and alert system”	International Journal of Applied sciences ,Engineering& management	ISSN-2320-3439,Vol.05	Nov-16
4	Dr.V.Sailaja	“ A Real Time Task Prioritized Algorithm Based On Power Availability Using Quad Core Embedded Processor With Energy	International Journal of Computer Applications	ISSN-0975-8887	Dec-16

		Harvesting			
5	Mrs.P.Sunitha	“Implementation of data encoding technique for network interfaces	International Journal of Computer Applications	ISSN-0975-8887	Dec-16
6	Mrs.B.Vasantha Lakshmi	Passenger Journey Estimation System”	International Journal of Computer Applications	ISSN-0975-8887	Dec-16
7	Mr.V.Prasanth	Design of power efficient Multiplier using Clock delay power efficient carry select adder	IJRDCS	Hyderabad ,volume 4, No.30 (ugc)	Dec-16
8	Mr.V.Prasanth	“Design and simulation of multi rate filter using BFD multiplier architecture”	International Journal of VLSI System Design and Communication System, Hyderabad	volume 13, Issue No.04,(ugc)	December 2016.
10	Mr.P.Sitaramanjaneyulu	Adaptive Query Image Searching Methods Using Improved Hash Coding and Unified Color and Intensity level Matrices”	International Journal of Science Engineering and Advance Technology, IJSEAT	ISSN 2321-6905	, May-2016
11	Mr.V.Prasanth	Design and simulation of multi rate filter using BFD multiplier architecture” at the International Journal of VLSI System Design	IJRDCS, Hyderabad	volume 4, No.30	Dec-16
12	Mr.V.Prasanth	Design and Implementation	International Journal of VLSI	volume 13, Issue No.04,	December 2016.

		of 32 Bit ALU Using Look Ahead Clock Gating Based on FPGA”	System Design and Communication System, Hyderabad		
13	Mr.Ch.Venkateswarlu	“Sensor Network Based Patient Caring System using Zigbee and GSM Wireless Technology	International Journal of Scientific Engineering and Technology Research	ISSN-2319-8885	November, 2016
14	Mr.D.Natraj	“Intelligent System for Controlling and Monitoring for Industrial Application Using Raspberry PI	International Journal RECE	, ISSN-2321-032X	March – April, 2016
15	Mrs.B.S.S.Vidya	“ Power and Latency Optimized PRPG for BIST Applications	International Journal of Engineering in Advanced Research Science and Technology	ISSN-2278-2566.	, January 2016
16	Mr.K.Raghuram	“High Secured Enabled RFID Communication with Flexible Architecture Using Asymmetric Cryptography	International Journal of Applied Science, Engineering and Management	ISSN-2320-3439	Jan-16
17	Mrs.G.Srilakshmi	Online Speech Enhancement Using Fast Adaptive Kalman Filter with Signal Subspace Algorithm	International Journal and Magazine of Engineering Technology, Management and Research	ISSN-2348-4845	Mar-16

18	Mr.V.Prasanth	Power Optimization Techniques Targeting FPGA – A	IJVDCS	ISSN 2322-0929 Vol.04, Issue.13,	December-2016,
19	Mrs.B.S.S.Vidya	Power Optimization Techniques Targeting FPGA – A	IJVDCS	ISSN 2322-0929 Vol.04, Issue.13,	December-2016,
20	Ms.U.V.SandhyaAlekhya	“Design and simulation of multi rate filter using BFD multiplier architecture”	International Journal of VLSI System Design and Communication System, Hyderabad	volume 13, Issue No.04,(ugc)	December 2016.