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INSTITUTE OF SCIENCE & TECHNOLOGY
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Department Of Electronics and Communication Engineering

Research publications by faculty

A.Y:2016-17

S.No	Name of the Author	Title of the paper	Journals/Conferance
1	Mr. G Raviraju	“A Novel Approach to realize Built-In-Self-Test (BIST) Enabled UART Using CA-LFSR”	International Journal Of Emerging Technologies And Innovative Research , Vol: 3, Issue: 10,Oct 2016, ISSN: 2349-5162.
2	Mr. G Udaykiran Bhargava	Design of Low Power CMOS Three Input XOR/XNOR” International Journal Of Emerging Technologies And Innovative Research	Vol: 3, Issue: 10, Oct -2016, ISSN: 2349-5162.
3	Mr. P Sridhar	“A Robust and Efficient Color Image Transmission over OFDM Fading Channels with Power Saving Approach”	International Journal of Emerging Technologies and Innovative Research, Vol: 3, Issue: 10, Oct -2016, ISSN: 2349-5162.
4	Mr. G ERNA	“Fully reused VLSI architecture of FMO/Manchester encoding technique for memory application”	International Journal of Emerging Technologies and Innovative Research, Vol: 3, Issue: 10, Oct -2016, ISSN: 2349-5162
5	Mr. G ERNA	“Progressive Fault Tolerant Filter Based on MCM” Australian Journals of Basic and Applied Sciences	, Vol:3,Issue: 05, Oct-2016, , ISSN: 1991-8178.

A.Y:2015-16

S.No	Name of the Author	Title of the paper	Journals/Conferance
1	Mr. P.Prabhakararao	“An improved and efficient Cryptanalysis by using secret key matrices and Logical scrambling”	International journal & magazine of engineering, technology, management and research, Vol: 2, Issue: 7, July 2015, ISSN: 2348-4845, pages: 468-472.
2	Mr. K.Kiran kumar	,” Robust and efficient color image Transmission over OEDM fading channels with power saving approach”	International journal & magazine of engineering, technology, management and research, Vol:2, Issue: 7, July 2015, ISSN: 2348-4845, pages:481-486.
3	Mr. G.Udaykiran Bhargava	“Progressive BIST for UART”	International journal & magazine of engineering, technology, management and research, Vol: 2, Issue: 8, August 2015, ISSN: 2348-4845, pages:328-331.
4	Mr. G.Udaykiran Bhargava	,” Efficacious architecture for single precision floating point unit”	International journal & magazine of engineering, technology, management and research, Vol: 2, Issue: 8, Date: August 2015, ISSN: 2348-4845, pages: 332-335.
5	Kasiprasad mannepalli, Maloji Suman, panyam narahari sastry	“MFCC-GMM based accent recognition systems for telugu Speech Signals”	International Journal of Speech Technology (IJST), DOI 10.1007/S10772-015-9387-Y, Springer science, New York 2015, ISSN:1381-2416.
6	Kasiprasad mannepalli, Maloji Suman, panyam narahari sastry	“Analysis of Emotion recognition system For Telugu using prosodic and formant features”	CSI - 2015; CSI - 50 th Golden Jubilee Annual Convention, New Delhi during 02 nd - 05 th December, 2015, published

			by Springer under AISC Series.
7	Damodar magdum,Dr.Maloji Suman,Dr.T.B.Mohite Patil,Tejaswini Patil	“Design and Development of Phonetically rich Hindi Speech database”	CSI-2015, 02-05 Dec 2015 , New Delhi, published by Springer under AISC Series

A.Y-2014-15

S.No	Name of the Author	Title of the paper	Journals/Conferance
1	Dr.M.Suman, Tharun Maddu, A.Shalini, K.Bhavana	“A New Approach for Text summarizer”	International Journal of Advanced Computer Technology , April 2015, Vol-Iv, Issue-IV
2	Dr.M.Suman, T.Durga Rao, Sai Maghav, Sai Ram Kiran	“Indomitable Forensic Tools of Computer Aided Investigative Environment Linux”	International Journal of Applied Engineering Research (IJAER) vol 10, No:2(2015), PP.3753-3759.
3	Dr.M.Suman S.Samrajyam, K.Manoj Kumar, K.Harish	“Speech Recognition using MFCC & VQLBG”	Journal of Environmental Science , computer science and Engineering & Technology(JECET) March 2015, Vol 4, No.2, Page no: 278-285.

A.Y-2013-14

S.No	Name of the Author	Title of the paper	Journals/Conferance
1	Mr. P.Sureshbabu	“Mems Accelerator Based Non Specific –User Hard Gesture Recognition”	International journal of scientific and technology research, Vol: 2, Issue: 16, Nov 2013, ISSN: 2319-8885, pages: 1838-1843.
2	Mr. K.Kiran kumar	“ GSM AND GPS BASED VEICHLE POSSITION SYSTEM”	International journal of innovative technologies, Vol: 1, Issue: 5,Oct 2013,

			ISSN: 2321-8665, pages: 503-506.
3	Mrs. K.Bhulakshmi	“Implementation Of High Speed Error Tolerant Adder Cell For Low Power And Digital Signal Possessing Applications	International journal of innovative technologies, Vol: 1, Issue: 5, Oct 2013, ISSN: 2321-8665, pages: 482-487.
4	Mrs. K.Bhulakshmi	“Can Bus Implementation In Coal Mines To Prevent The Override Trip”	International journal of innovative technologies, Vol: 1, Issue: 5, Oct 2013, ISSN: 2321-8665, pages: 482-487.
5	Mr. G.ERNA,	“Design Of High Speed Data Transceiver Serial Front Pannel Data Port Protocol”	”, International journal of advanced research in computer science and engineering, Vol: 4, Issue: 6,June 2014, ISSN: 2277-128x, Pages: 611-614.
6	Maloji Suman, Habibulla Khan, M. Madhavi Latha, D. Aruna Kumari	“Enhancement of Compressed speech signal using Recursive Filter”	COMPUSOFT, International Journal of advanced computer technology,2(8), Aug-2013, Vol: II, Issue-VIII, page no:261-266.
7	M.Suman, Dr.M.Madhavi latha, Dr.Habibulla Khan, D.Aruna Kumari	“Pitch and formats Estimation of enhanced noisy compressed speech signal corrupted by real world noise using recursive filter”	Int.journal of engineering research and applications(ijera), Vol.4, issue 6, ISSN: 2248-9622, June 2014

A.Y:2012-13

S.No	Name of the Author	Title of the paper	Journals/Conferance
1	Maloji Suman, Habibulla Khan, M. Madhavi Latha, D. Aruna Kumari	“ Compression of Speech Signals using MSVQ and its Enhancement using Spectral Subtraction & Kalman filter and its performance comparisions”	IEEE-ICARET 2013 , Feb 8-9, 2013.
2	Maloji Suman, Habibulla Khan, M. Madhavi Latha, D. Aruna Kumari	“ Compression of Speech Signals using MSVQ and its Enhancement using Spectral Subtraction & Kalman filter”,	”, International Conference on Control System and Power Electronics – CSPE 2012 is held during Dec 03-04, 2012, Chennai, India, organized by Springer and ACEEE published in Elsevier
3	Maloji Suman, Habibulla Khan, M.Madhavi Latha, D.Aruna Kumari	“Speech Enhancement and Recognition of Compressed Speech Signal in Noisy Reverberant Conditions”	” Springer -Advances in Intelligent and Soft Computing (AISC) Volume 132, 2012, pp: 379-386.
4	Maloji Suman, K.S.N.Murthy, V.Sri Ram, N.Sai koteswara Rao, B.P.Krishna	“Speech enhancement using Recursive Filter”	International Journal of Engineering Research and Applications (IJERA), vol:2, issue:4, June-July 2012.
5	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman	“A new approach for privacy preserving data mining using vector quantization”	NCRTIT-2012, July 2012.
6	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman	“Vector quantization for privacy preserving clustering in data mining”	Advanced Computing: An International journal,ISSN: 0975 – 3826,Sept 2012.
7	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman	“Privacy Preserving Data Mining”	IJERT(2278-0181),April 2013.
8	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman	“Compression in Privacy preserving data mining”	International Journal of Advanced computer technology, ISSN : 2320-0790), April 2013
9	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman, Sravani	“ Privacy Preserving Data Mining Using LBG and ELBG”	IACEECE-2013,29th September 2013.

10	D.Aruna Kumari, Dr.K.Rajasekhara Rao, N.Tejaswani, Sravani, Mounika	“Vector quantization for Privacy Preserving Data Mining”	IACEECE-2013,29th September 2013.
11	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman	“Privacy Preserving Data mining based on vector quantization”	International journal of Database Management System(IJDMS),Vol 5, No 2; April 2013
12	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman	Privacy Preserving data mining using LBG and ELBG”	in IJESR,November 2013
13	D.Aruna Kumari, Dr.K.Rajasekhara Rao, M.Suman	“Privacy Preserving Data Mining”	48th Annual Convention of Computer Society of India- Vol II .And in Advances in Intelligent Systems and Computing, Volume 249, 2014, pp 517-524, December 2013.