

## Research publications by staff : August 2013 – 2014

a) International Journal

Sl. No.	Name of the Faculty member	Title of Paper	Name of the Journal	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Dr. B G Shivaleelavathi	DSP Based Converter-Inverter Control strategy for Single phase wind power generation System.	IJEEDC, IRAJ, Chennai	2014
2	Dr. B G Shivaleelavathi	Design and Verification for High Definition Audio CODEC Controller	IJEE, IJEE Journal	July – Dec 2013
3	Dr. B G Shivaleelavathi	DSP Based Converter-Inverter Control strategy for Single phase wind power generation System.	KSCST	2014
4	Dr. Aravinda H S	Analysis of adaptive wavelet wiener filtering for ECG signals.	International journal of advanced research in E&C Engg.	Vol 3, issue 4, pp 395-308 april 2014.ISSN: 2278-909X April 2014
5	S T Veerabhadrapa	Higher Order Spectral Analysis of Heart Rate Variability in Pregnancy and Postpartum	35th Annual International Conference of the IEEE EMBS Osaka, Japan, 3 - 7 July, 2013	978-1-4577-0216-7/13/\$26.00 ©2013 IEEE 2575 -2578
6	S T Veerabhadrapa	FPGA Based NI with Advanced Features	International Conference on Electrical Engineering & Computer Science, 02nd jun-13,Bengaluru,	ISBN:978-93-83060-04-7
7	S T Veerabhadrapa	Design and Implementation of Concurrent Error Detection and Data Recovery Architecture for	IJESC	Issue No: 8 Volume No: 2 Paper IJESC901 ISSN: 2250 -1371

**Research publications by staff : August 2013 – 2014**

		Motion Estimation Testing Applications		
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b) National Journal : NIL

c) International Conference:

Sl. No.	Name of the Faculty member	Title of Paper	Name of the Journal	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Dr. B G Shivaleelavathi	Behaviour modeling of LDO	International Conference on VCASAN, BNMIT, Bangalore	2013
2	Dr. Aravinda H S	Implementation of texture Enhanced Histogram equalization using total variation-L' norm & adaptive gamma correlation.	International conference of science, & technology research	April 2014
3	Saroja S Bhusare	Design of Low-Error Fixed-Width Radix-8 Booth Multiplier	Fifth International Conference on Signal and Image Processing held at BNMIT Bangalore,	pp. 206 -209 8-10,Jan.2014, doi: 10.1109/ICSIP.2014.39 8-10 Jan 14
4	Shashidhara H R	A Novel Approach to Circular Edge Detection for Iris Image Segmentation	Signal and Image Processing (ICSIP), 2014 Fifth International Conference on ...	January 2014

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5.	Satish K Shet	VLSI Implementation of Image Steganography Algorithm	International Conference	September 2013
6	Saroja Bhusare	Fixed width multiplication with simple compensation bias	International conference on nonmaterial technologies CNT-2014 Vardhaman College of Engg Hyderabad	17 <sup>th</sup> -18 <sup>th</sup> October 2014
7	Poornima N	Area efficient hybrid parallel prefix adder	International conference on nanomaterials technologies CNT-2014 Vardhaman College of Engg Hyderabad	17 <sup>th</sup> -18 <sup>th</sup> October 2014
8	Shashidhara H R	Hardware Implementation of finger print Recognition using lifting scheme	ICCSEM-2013	
9	Poornima N	Power delay optimized 32 bit radix 4, Sparse-4 prefix adder	ICSIP	

## Research publications by staff : August 2013 – 2014

d) National Conference:

Sl. No.	Name of the Faculty member	Title of Paper	Name of the Journal	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Dr B G Shivaleelavathi	Hyper Spectral Imagery Based on 2-D and 3-D prediction methods	National Conference on Recent Advances in Communication Networks NCRACN'14	March 21-22, 2014
2	Shubha B	Design of an Intelligent ECG Device with Abnormality Detection and Wireless Interface	National Conference on recent trends in Electronics and Communication NCRTEC-13, KSIT Bangalore	30 <sup>th</sup> Aug 2013
3	Shubha B	Design of a Low Voltage Band Gap Reference	National Conference on Development in the Domain of Electrical Engg. NCDDEE-14,	10 <sup>th</sup> & 11 <sup>th</sup> July 2014
4	Kavitha H S	VHDL Implementation Of QRS Detector for Heart Arrhythmia Detection Based on Adaptive Threshold Technique	National Conference on "Wireless Control and Communication Technologies (NCWCT-2014)	24 <sup>th</sup> -25 <sup>th</sup> April -2014
5	Usha S M	FPGA implementation for software defined radio with an advanced digital direct frequency synthesizer	National Conference organized by Ambedkar Institute of Technology, Bangalore	24 <sup>th</sup> April 2014

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6	Usha S M	Design and implementation of Costas loop using FPGA	National Conference organized by Ambedkar Institute of Technology, Bangalore	24 <sup>th</sup> April 2014
7	Savitha A C	Preventing Crosstalk Delay in long on-chip Buses by using Fibonacci CODEC Mechanism	NCCIP-13	7 <sup>th</sup> Aug 2013
8	Thejaswini P	Data recovery for NOC	National Conference on Communication and Image Processing Engg	9 <sup>th</sup> May 2014
9	Thejaswini P	An Android based Application to Detect Drowsiness and rash driving	FCS'14	May 15-17, 2014
10	Suguna G C	Design and Verification of Convolution Encoder and Viterbi Decoder	Tequip –II sponsored Second National Conference on Wireless Control and Communication Technologies (NCWCT-2014), Dr.AIT college, Bangalore	24 <sup>th</sup> & 25 <sup>th</sup> April -2014
11	Ravikumar K P	An Android based Application to Detect Drowsiness and rash driving	FCS'14	May 15-17, 2014

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12	Anuradha M G	VLSI architecture for Image Segmentation using Fuzzy C means Algorithm	NCRTEC, KSIT Bangalore	30 <sup>th</sup> Aug 2013
13	Anuradha M G	Roll Attitude Hold and Fault Analysis Using Kalman Filter for Flight Control System	National Conference	10th & 11th July 2014
14	Sunita L Shirahatti	Low Power Reversible Logarithmic Barrel Shifter For MAC Application	National Conference on Recent Advances in Communication Networks NCRACN'14, RNSIT Bangalore	March 21-22, 2014
15	Latha B N	Logic Optimization using technology Independent mux based adder in FPGA	NCRTEC-2013 KSIT	30 <sup>th</sup> August 2013