

Publications (Published by scholars under RVCE ECE research center)

Sl. No	Name of the Person	Title of Paper	Publication Citation	National or International
1	Ram Prasad J M, Dr. B.S Kariyappa and Ravishankar Holla	Design and Implementation of Flash ADC for Low power applications	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 4, Issue 6, e-ISSN: 2319 – 4200, p-ISSN : 2319 – 4197	International
2	Premananda B. S., and Uma B. V.	Incorporating Auditory Masking Properties for Speech Enhancement in presence of Near-end Noise	International Journal of Computer Applications (IJCA), Vol. 106, No. 15, DOI:10.5120/18593-9835,	International
3	Sathvik N Prasad I Shrikanth S H Subodh B H, Vishwas H Sreekar V Roopa J Govinda Raju M	Public Transport Assistant for Visually Impaired, (PuTAVI)	International Journal of Advanced Research in Computer and Communication Engineering	International
4	Uma B.V, M. Govindraju	Modelling and Analyzing Effects of Phase Noise in Orthogonal Frequency Division Multiplexing	International Journal of Advanced Research in Computer and Communication Engineering,	International
5	Uma B.V, Geetha K.S., Prasanna Kumar, Naveen kumar L	Simulation of H.264 based Real time Video Encoder for Underwater Acoustic Channel	International Journal of Current Engineering Trends, E-ISSN 2277 – 4106, June 2014, Vol 4,	International
6	Uma B.V, Shilpa D.R.,	“A Novel area efficient encoder/decoder design for crosstalk noise elimination in SOC/ASIC”	,International Journal of Scientific & Engineering Research, Volume 5, Issue 5, May-2014 672ISSN 2229-5518	International
7	Dr.B.S.Satyanarayana	Fabrication of surface enhanced Raman spectroscopy (SERS) substrates by nanosphere lithography	International Journal of Experimental Nanoscience, 2013	International
8	Dr.B.S.Satyanarayana	Synthesis of silicon and titanium nitride nano powders using Microwave plasma technique	International Journal of Chemical sciences, 2013	International
9	Sheela C S, Samudra Roy, Shailendra K. Varshney	Mid-IR super continuum generation in chalcogenide-core step index fibers	Workshop on Recent Advances in Photonics, IIT Delhi, Dec. 2013	International
10	Rohini S. Hallikar, Shweta Kulkarni, M. Uttarakumari and K Padmaraju	A Novel Method for Signal Enhancement Using Turbo Iterative Kalman Filter and DRNL with SSB Technique	International Conference on Advances in Recent Technologies in Electrical and Electronics, Bangalore, India, 2013	International
11	Dr. M. Uttarakumari & B Roja Reddy	Target Detection Using orthogonal Polyphase MIMO Radar Waveform against Compound Gaussian Clutter	International Conference on Design & Manufacturing, Volume 64 , 2013, Pages 331–340	International
12	Govinda Raju M, Uma B V	Design & Simulation of Wavelet OFDM with wavelet Denoising on AWGN Channel	International Conference on Convergence Science, Engineering & Management in Education & Research , Vol.2, , Issue 8, ISSN :2319 -5940, August 2013,	International
13	Rohini Hallikar,	GPS Enabled Wrist Watch for	2 nd International Online	International

	Uttara Kumari M, Varun V, and Prathiba P	Safety of Women and Elderly People	Conference on Electronics, Power & Control(IOCEPC2013) held at AECERI organization from Kuala Lumpur, Malayasia, 2013	
14	Ravishankar S , Prakash Biswagar and Thimmaiah Kuppana Ganapathy	Analysis of a Patch Array Dielectric Lens Antenna for Mobile Applications	Smart SysTech 2013-European Conference on Smart Objects, Systems & Technologies, ISBN:978-3-8007-3521-1	International
15	GovindaRaju M, Roopa J, NithyanandaBhat	Public Transport Management System	International Conference on Information & Communication Engineering, Bangalore ISBN: 978-81-31703-83-2, 28 June 2013	International
16	GovindaRaju M, Roopa J, Siddaraju D H, Rakesh, SulemanNadaf, Anush S	Four Legged Locomotive Robot Inspired by Spider	International Conference on Information & Communication Engineering, Bangalore	International
17	GovindaRaju M, Roopa J, Mohammed Salman, Prashanth C, Rohan R	Computerized Anesthesia Flow control	International Conference on Information & Communication Engineering, Bangalore,ISBN: 978-81-31703-83-2, 28 June 2013	International
18	GovindaRaju M, Roopa J, Abhijit Bhat. Amith K B, Anush S, Deepak D L	Wireless Mobile Phone Charger using Bluetooth	International Conference on Information & Communication Engineering, Bangalore,2013	International
19	Nanda Kishore Reddy M, & Bharathi M	An Efficient Layered Min Sum LDPC Decoder	International Conference on Information & Communication Engineering,2013	International
20	Arunkumar. P. Chavan, Rekha. G, P. Narashimaraja	An Efficient 90nm CMOS Flash ADC with hybrid Architecture	International Conference on Information & Communication Engineering, Bangalore,2013	International
21	Saraswathi K	A Study on ASON: A Promising Future for Optical Networks	International Conference on Mechanical & Industrial Engineering, Pune ,2013	International
22	Saraswathi K	PLL behavior in linear & Non Linear Operating Region	International Conference on Electrical, Electronics & Computer Science, Hyderabad ISBN:978-93-81693-88-5, ,2013	International
23	Nivedita Hegde, Usharani K R	A novel Hybrid Channel Management in GSM Network using Weiner Prediction	International Conference on Electrical, Electronic & Computer Science Engineering,2013	International
24	Smt. K Saraswathi, K A Netravathi & Dr. S Ravishankar	A Study on channel modeling of underwater acoustic communication	International Journal of Research in Computer & Communication,2013	International
25	Shushrutha K S, Rohith Ravindran & Suleman Nadaf	Analysis of Array Steering Algorithms for dielectric lens – Array Antennas	International Journal of Recent Advances in Engineering & Technology, ISSN : 2347-2812, Vol.-2, issue-2	International
26	Usha Rani K R , Ravishankar S , H.M.Mahesh , Nandan Naik, Vijay Singh	Broad band Transmission over Residential Power Lines Employing VDSL2: The Channel Capacity Analysis	International Journal of Science and Modern Engineering (IJISME) ISSN: 2319-6386 Volume/ Issue: 1/12	International

27	Ravish Hegde, Dr. Ks.Geetha	Development of Spatial Channel Model & Extended Spatial Channel Model For MIMO Applications	International Journal of Engineering, Research & technology ISSN:2278-0181 VOL. 2	International
28	Kiran V & Vinila Nagaraj	Design of SPI to I2C Protocol Converter & Implementation of Low Power Techniques	International Journal of Advanced research in Computer & Communication Engineering , ISSN : 2278-1021	International
29	Reshma, Sahana, Soumya Ramavenkateswaran GovindaRaju M, Roopa J	Smart Traffic Congestion Control using Wireless Communication	International Journal of Advanced Research in Computer and Communication Engineering, Vol-2, Issue 9, ISSN (Online): 2278 – 1021	International
30	Chandrika Sudhendra, Madhu AR, Mahesh A, AC Radhakrishna Pillai	FSS Radomes for Antenna RCS Reduction	International Journal of Advances in Engineering & Technology, ISSN: 22311963, Vol. 6, Issue 4	International
31	Smt. K. Saraswathi	A study on Integrated IP-Optical Networks for better network performance	International Journal of Engineering Business & Enterprises Application, ISSN 2279-0039, Issue-5, Vol-2	International
32	Ravish Aradhya	Novel Low Power & High Speed 8T Full Adder	International Journal of Scientific & Engineering Research , ISSN : 2229-5518	International
33	GovindaRaju M, Dr. B.V. Uma	Design & Simulation of Wavelet OFDM with Wavelet Denoising on AWGN Channel	International Journal of Advanced Research in Computer & Communication Engineering, Vol 2, Issue 8, ISSN (Online): 2278 – 1021	International
34	Mangesh B Kondalkar, Arunkumar P Chawan, P Narashimaraja	Improved Fault Tolerant Sparse KOGGE Stone ADDER	International Journal of Computer Applications	International
35	Dr. Kariyappa B S, Aravind	“Automated Solution for Data Monitoring (Dashboard) of ASIC Design Flow”	International Journal of Computer Trends and Technology (IJCTT) – volume 4 Issue 7,	International
36	Sujatha Hiremath	FPGA Implementation of Smart Multi Protocol Translator	International Journal of Scientific & Engineering Research, ISSN : 2229-5518	International
37	Dr. Kariyappa B S, Mr. Basavaraj Madiwalar and et.al,	A Comparative Study of 7T SRAM Cells	International Journal of Computer Trends and Technology (IJCTT) – volume 4 Issue 7, 2231-2803 Page 2188, July 2013.	International
38	Chetan Aivalli, Prakash Biswagar, Vinaykumar S Lonimath	A Real Time Human Computer Interface Based on Gesture Recognition for Modification of Images	International Journal of Scientific & Engineering Research, Volume 4, Issue 7, ISSN 2229-5518	International
39	Vinayakumar S Lonimath, Prakash Biswagar, Chetan Aivalli	Removal of Salt & Pepper Impulse Noise from Digital Images Using Modified Linear Prediction Based Switching Median Filter	International Journal Of Scientific & Engineering Research, Volume 4, Issue 7, ISSN 2229-5518	International
40	Amrutha K, Shilpa D R, Uma B.V	A Novel Design of hybrid L1 Cache with Soft error resilient	International Journal of Embedded and Software Computing	International
41	Dhananjaya A, Dr. Deepali Koppad	Design of High Speed Floating Point Mac Using Vedic Multiplier And Parallel Prefix Adder	International Journal of Engineering Research & Technology	International

42	Vishwanath Reddy K, Dr. S Jagannathan	Systematic Approach in building clock tree for SOC's	Internonal Journal of Computer Applications	International
43	Lakshmeesha, Usharani	A Novel Ripple/Carry Look Ahead Hybrid Carry Select Adder Architecture	International Journal of Computer Applications (0975 – 8887) Volume 70 – No.27,	International
44	Ravish Aradhya H V Arunkumar. P. Chavan, Rekha. G,	Bio-Inspired Motion Detector Model Simulated on Xilinx ISE	International Journal of Computer Applications (0975 – 8887) Volume 72– No.13,	International
45	Prakash Pawar, Varun R, Suma M. S	Implementation of High Speed Pipelined Vedic Multiplier	International Journal of Engineering Research & Technology	International
46	Saraswathi K	A Study of Integrated IP- Optical Networks for Better Network Performance	International Journal of Engineering Business & Enterprise Applications, Vol. 2, Issue 5, ISSN:2279-0039	International