

International Conference

1. G N Satapathi, A.Narasimhdhan, P.Srihari "*Prediction of exons by using parametric approach*" International Symposium on Bioinformatica Indica organized by Department of Computational Biology and Bioinformatics, University of Kerala, Tiruvananthapuram held during 09-11 Jan 2014.
2. D. Lakshmi Mythri, S.Sreedevi, P.Srihari "*DNA Compression using compressed sensing algorithms*" International Symposium on Bioinformatica Indica organized by Department of Computational Biology and Bioinformatics, University of Kerala, Tiruvananthapuram held during 09-11 Jan 2014.
3. Vikram Shenoy H., Pankaj Bongale, Vineet Roy and Sumam David, "*Stereovision based 3D hand gesture recognition for pervasive computing applications*", International Conference on Information, Communication and Signal Processing (ICICS 2013), Tainan, December 2013.
4. P.Srihari, K.Raja Rajeswari "*Development and Performance Evaluation of PSO based adaptive mismatch filter for radar pulse compression*" International Radar Symposium India- 2013(IRSI-13) held during December, 10- 14, 2013, Bangalore sponsored by IEEE Bangalore Section.
5. P.Srihari, G N Satapathi B. Sasi kanth, S.Sreedevi "*Doppler Performance Evaluation of Different Frequency Coded Pulse Compression Sequences*" International Radar Symposium India- 2013(IRSI-13) held during December, 10- 14,2013,Bangalore sponsored by IEEE Bangalore Section.
6. G.Prakash, M.Kulkarni, S. Acharya "*On the Improved Performance of Luby Transform codes over Selective Repeat ARQ in Turbulent Free Space Optical Links*" 13th IEEE International Symposium on Advances in Computer and Information Technology. Sydney, Australia Dec. 3-5, 2013.
7. Bini A.A., and M.S. Bhat "*A Fourth-order Partial Differential Equation model for multiplicative noise Removal in Images*", Proceedings of C2SPCA (IEEE), 10-11 Oct, 2013, Bangalore, India.
8. K S Shivaprakasha, Muralidhar Kulkarni, "*A Variable Length Distributed Source Coding Algorithm for WSNs*", Proceedings of International Conference on Emerging Trends, Technology and Research, (ICETTR 2013), 21st and 22nd September 2013, Nagpur, Maharashtra.
9. G.Prakash, M.Kulkarni, S. Acharya, "*BER performance and Energy Efficiency of Luby Transform codes with varying BPSK thresholds over the Free Space Optical channel*", Second International Conference on Advances in Computing, Communications and Informatics (ICACCI- 2013), SJCE, Mysore, Karnataka, India, August 22-25, 2013.
10. B. Sasi kanth G N Satapathi, Ch. Manohar Kumar P.Srihari, "*Comparison of Edge Detection by using Ant Colony Optimization & Morphological Operation*" has been selected for IEEE conference (ICHCI-13) held during 23-24 August 2013 at Saveetha University, Chennai
11. Rekha S. and Laxminidhi T., "*Ultra low power Active-RC filter in 180 nm CMOS technology*", Proc.of 11th International Workshop IEEE on Electronics, Control, Measurement, Signals and their application to Mechatronics (ECMSM), June 21-23, 2013, Toulouse, France.
12. Chetan Patil, Yashwanth Marathe, Kiran Amoghimath, Sumam David S., "*Low Cost Black Box for Cars*, Texas Instruments India Educator's Conference (TIIEC 2013), April 2013
13. Chetan Patil, Madhumitha S, Mathura M. G, Varun V. Nayak, Sumam David S, Merwyn Fernandes Anand Venugopal and B. Unnikrishnan, "*Utility of image processing on MRI scan for early detection of Alzheimer's Disease*" International Engineering Symposium (IES 2013), Kumamoto University, March 2013
14. Soorya Krishna K. and M. S. Bhat, "*Interconnect Delay Reduction in High Speed Clock Networks using CRLH Structure*", 3rd International Engineering Symposium, Kumamoto University, Japan, March 4-6, 2013.

15. Aparna P, Shreyas S Hanchinal, Preetham N, Kishore Subramanian B, "Comparative study of Canny Edge Detection Algorithm for Diagnosis of Retinopathy of Prematurity" International Engineering Symposium (IES-2013), Kumamoto University, Japan, 4 - 6 March, 2013.
16. Phalguni, Kishan Ganapathi Venugopala M, Resmi Rajendran and Sumam David, "Design and implementation of an automatic traffic sign recognition system on TI OMAP-L138", IEEE International Conference on Industrial Technology (ICIT2013), Cape Town, February 2013.
17. Vasantha M.H. and Tonse Laxminidhi, "Fixed Transconductance Bias Circuit for Low Voltage Bulk-Driven Transconductor", presented in International Conference on Communication, VLSI and Signal Processing (ICCVSP-2013), 20- 22 Feb. 2013, S.I.T. Tumkur.
18. Basti Bharath Shenoy, T. Laxminidhi, and U. Sripathi, "Dead Energy Management in Supercapacitor based Applications", International Conference on Communication, VLSI and Signal Processing (ICCVSP), 20-22 Feb.. 2013, S.I.T. Tumkur.
19. Kiran Kumar Lad and M S Bhat, "A 1-V 1-GS/s 6-bit low-power flash ADC in 90-nm CMOS with 15.75 mW power consumption", IEEE International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, Jan 4-6, 2013, pp 1-4.
20. Arulalan Rajan, Vittal Rao R, Ashok Rao, H S Jamadagni, "2 phi + 1 and Fibonacci Sequence", Joint Mathematics Meetings, San Diego, January 2013.
21. Lwaa Faisal Abdulameer, Jokhakar Jignesh D., U. Sripathi and Muralidhar Kulkarni, "BER Performance Enhancement for Secure Wireless Communication Systems based on Chaotic- MIMO Techniques", SPIE, International conference on Communication and Electronics System Design, 2013.
22. Lwaa Faisal Abdulameer, Jokhakar Jignesh D., U. Sripathi and Muralidhar Kulkarni, "On the Security of Free Space Optics based on Reconfigurable Chaotic Technique", SPIE, International conference on Communication and Electronics System Design, 2013.
23. V Anudeep kumar reddy, P Saidi Reddy, G R C Reddy, R L N Sai Prasad, A V Narasimhadhan K Sandeepkumar and Sanjeev Afzulpurkar, "Simultaneous measurement of temperature and pressure sensor for oceanography using Bragg gratings," in Proceedings of Ocean Sensing and Monitoring, 2013, USA.
24. Lwaa Faisal Abdulameer, Jokhakar Jignesh D., U. Sripathi and Muralidhar Kulkarni, "BER Performance Improvement for Secure Wireless Communication Systems Based on CSK-STBC Techniques", IEEE, International Conference on RADAR, Communication and Computing, 2012.
25. Rekha S. and Laxminidhi T., "Effect of Finite gain and Bandwidth of feed-forward compensated OTA on Active-RC integrators: A case study", International Symposium of Electronic System Design (ISED) 2012 held at Kolkata during 19-22 December 2012.
26. Vasantha M.H. and Tonse Laxminidhi, "0.5 V, Low Power, 1 MHz Low Pass Filter in 0.18 μm CMOS Process", presented in IEEE International Symposium on Electronic System Design (ISED-2012), Dec 18- 21, 2012 at Bengal Engineering and Science University, Kolkata, West Bengal.
27. Deepak L, Joseph Antony, Niranjan Kumar V C, "Hardware Co-simulation of skin burn image analysis", 19th IEEE International Conference in High Performance Computing (HiPC-2012): Student Research Symposium, Pune, India, December 18 - 21, 2012.
28. Vasudev Anand B, Shajahan E. S. and M. S. Bhat, "Stub mounted loaded line phase shifter using novel RF MEMS switch", IEEE Intl. Conference on Electron Devices and Solid State Circuits (EDSSC2012), 3-5 December, 2012.
29. Shrivastava, P., Kalpana G. Bhat, Laxminidhi T., M.S. Bhat, "A 500 kS/s 8-bit Charge Recycle Based 2-bit per Step SAR-ADC" Third International Conference on Emerging Applications of Information Technology (EAIT), Nov. 30 - Dec. 1 2012 at ISI, Kolkata.

30. K S Shivaprakasha, Muralidhar Kulkarni, *Improved Network Connectivity using Energy Aware Threshold based Efficient Clustering (EATEC) Algorithm for Wireless Sensor Networks*, Proceedings of International Conference on Recent Trends in Information Technology and Computer Science (ICRTITCS), 17th and 18th December, 2012, Thakur College of Science and Commerce, Mumbai. pp 128-129.
31. Nishant Joshi D, K S Shivaprakasha, Muralidhar Kulkarni, 2012, "*Multi Threshold Adaptive Range Clustering Algorithm for Energy Balancing in Wireless Sensor Networks*" Proceedings of the 9th IEEE International Conference on Wireless & Optical Communications Networks (WOCN 2012).
32. Vasantha M.H and Laxminidhi T. "*0.5 V, 36 μ W Gm-C Butterworth Low Pass Filter in 0.18 μ m CMOS process*", 4th Asia Symposium on Quality Electronic Design, Penang, Malaysia, 2012.
33. Vasantha M.H. and Tonse Laxminidhi, "*20 μ W, 500 kHz Continuous-Time Low-Pass Filter in 0.18 μ m CMOS Process*", 2nd International Engineering Symposium (IES2012), Kumamoto University, Japan.
34. Geetha Prakash, Muralidhar Kulkarni, U Sripati, 2012, "*Using RBF Neural Networks and Kullback- Leibler distance to classify channel models in Free Space Optics*", Proceedings of the International Conference on Optical Engineering 2012 (ICOE-2012).
35. Geetha Prakash, Muralidhar Kulkarni, U Sripati, 2012, "*Performance Analysis of Free Space Optical Links Encoded Using Luby Transform codes*" Proceedings of the International Conference on Communication, Information and Computing Technology (ICCICT-2012), India.
36. Pramod Kumar, Ashvini Chaturvedi, M. Kulkarni, 2012, "*Geographical location based Hierarchical Routing Strategy for Wireless Sensor Networks*", Proceedings of the 2012 International Conference on Devices, Circuits and Systems (ICDCS 2012), Coimbatore, India.
37. Savitha H. M., Muralidhar Kulkarni, 2012, "*A Novel Hybrid Scheme using MLE with Pulse Shaping for ICI Cancellation in OFDM Systems*", Proceedings of the 2012 International Conference on Computer Communication and Informatics (ICCCI -2012), India.
38. G.Prakash, M.Kulkarni, S. Acharya, "*Performance Analysis of Free Space Optical Links Encoded Using Luby Transform codes*", ICCICT 2012, Mumbai, Oct 19th -20th 2012, Mumbai, Page(s): 1 – 6.
39. Rajeev Komar, M S Bhat and T Laxminidhi, "*Switched Inverter Comparator based 0.5 V Low Power 6 bit Flash ADC*", 10th IEEE International Conference on Semiconductor Electronics, Kuala Lumpur, Malaysia, 19-21 September, 2012.
40. E.S.Shajahan and M S Bhat, "*Tuned Dual Beam Low Voltage RF MEMS Capacitive Switches for X – Band Applications*", 10th IEEE International Conference on Semiconductor Electronics, Kuala Lumpur, Malaysia, 19-21 September, 2012.
41. B. Vasudev Anand, , E. S. Shajahan¹ and M. S. Bhat, "*RF MEMS based Phase Shifters for Ka Band Applications*" Fifth ISSS National Conference on MEMS, Smart Materials, Structures and Systems, 21-22, September, 2012, Coimbatore, India.
42. E. S. Shajahan and M. S. Bhat, "*Operating Analysis of DC and RF Characteristics of RF MEMS Capacitive coupled Shunt Switches by Geometrical Modifications and Material Selection*", 4th International Conference on Electronics Computer Technology - ICECT 2012
43. Soorya Krishna K. and M. S. Bhat, "*Zero delay clocking system in GHz frequency regime using CRLH metamaterial structure*", International Conference on Devices, Circuits and Systems (ICDCS), 2012, pp. 206 - 210.
44. Rajeev Komar, M. S. Bhat and T. Laxminidhi, "*A 0.5V 300 μ W 50MS/s 180nm 6bit Flash ADC using inverter based comparators*", 2012 International Conference on Advances in Engineering, Science and Management (ICAESM), 2012, pp. 331 - 335.

45. Rekha S. and Laxminidhi T., "Effect of parasitics of feed-forward compensated OTA on Active-RC integrators", 3rd international conference on Advances in Power Electronics and Instrumentation Engineering (PEIE 2012), Bangalore, Aug.03-04, 2012.
46. Ashwini V R and Aparna P, "A Nearest Neighbor Based Approach for Classifying Epileptiform EEG Using NonLinear DWT Features" in International Conference on Signal Processing and Communications, Indian Institute of Science, Bangalore, July 22-25 2012.
47. G.Prakash, M.Kulkarni, S. Acharya, "Using RBF Neural Networks and Kullback-Leibler distance to classify channel models in Free Space Optics", International Conference on Optical Engg, Belgaum, Procs., ICOE July 26th to 28th 2012, pp133-139.
48. Vasantha M.H. and Tonse Laxminidhi, "20 μ W, 500 kHz Continuous-Time Low-Pass Filter in 0.18 μ m CMOS Process", presented in 2nd International Engineering Symposium -IES 2012 (KU-MIT-NITK Joint Symposium), 5-7 March, 2012, Kumamoto University, Japan.
49. N. Shekar V. Shet, Prof K. Chandrasekaran, Prof K. C. Shet, "Time Difference of Arrival Method to Locate a Mobile Device" ADCON 2011, 16-18th Dec 2011, NITK, Surathkal. Vol I, Pages 222-225.
50. Savitha H. M., Muralidhar Kulkarni, 2011, "A Hybrid Scheme for CFO Cancellation in LDPC coded OFDM System", International Conference on Information Technology, Electronics and Communications (ICITEC – 2011), November 29-30, 2011
51. K.S. Shivaprakasha, Muralidhar Kulkarni, "Energy Efficient Shortest Path Routing Protocol for Wireless Sensor Networks", Proceedings of the International Conference on Computational Intelligence and Communication Networks, 7th -9th Oct 2011, MIR Labs, Gwalior.
52. Jargalsaikhan Ivel and Sumam David, *A novel adaptive support window based stereo matching algorithm for 3D reconstruction from 2D images*, International Conference on Telecommunications for Intelligent Transport Systems (ITST2011), St. Petersburg, pp. 412-418, 23-25 August 2011. Digital Object Identifier : 10.1109/ITST.2011.6060092
53. Anil Kumar, P. Shashidhar Chavan, Sharatchandra V.K, Sumam David, Philip Kelly and Noel E. O'Connor, *3D Estimation and Visualization of Motion in a Multicamera Network for Sports*, Irish Machine Vision and Image Processing Conference (IMVIP2011), Dublin, pp. 15-19, 7-9 September 2011
54. Shrikant Kulkarni, Manoj H, Sumam David, Venugopala Madumbu and Y Senthil Kumar, *Robust Hand Gesture Recognition System Using Motion Templates*, International Conference on Telecommunications for Intelligent Transport Systems (ITST2011), St. Petersburg, pp. 431-435, 23-25 August 2011. Digital Object Identifier : 10.1109/ITST.2011.6060095
55. G.Prakash, M.Kulkarni, S. Acharya , "Performance Analysis of Fountain codes with Robust Soliton Distribution for Erasure Channels", IEEE International Conference on Recent Advances Intelligent Computation systems, Sept 22-24, 2011, Trivandrum, Pages 671- 674.
56. Bini A A and M S Bhat, *Selective Image Smoothing and Feature Enhancement using modified shock filters*, 8th International Conference on Electrical Engg./ Electronics, Computer, Telecommunications & information Technology Association (ECTI_CON), 17 -19 May, 2011, Thailand, pp.991-994.
57. Rekha S, Laxminidhi T, *Low power fully differential feed-forward compensated bulk driven OTA*, Proc. 8th International Conference organized by Electrical Engg./ Electronics, Computer, Telecommunications & information Technology Association (ECTI), Thailand, Thailand, May 17 -19, 2011.
58. Smitha P S, V Sateesh Prabhu and N S V Shet, *Pilot assisted adaptive channel estimation in QAM/OFDM system under Rayleigh Fading*, International Conference on Emerging Trends in Engineering ICETE-2011, 04 – 05 May 2011.

59. Prajakta Panse and Laminidhi T, *Energy Efficient 1.8V Stepdown DC/DC Converter 0.18 μ m CMOS Technology with optimized silicon area*, International Conference on Electronics Computer Technology (ICECT-2011) 8 – 10 April 2011.
60. Smitha P S, V Sateesh Prabhu and N S V Shet, *Pilot assisted adaptive channel estimation for 16QAM/OFDM modulation*, International Conference on VLSI Communication and Instrumentation ICVCI-2011, Kottayam, Kerala, 07 – 09 April 2011.
61. Aparna P, Sumam David S., *Multilevel Coset Coding of Video with Golay Codes*, IEEE Symposium on Computer and Informatics (ISCI 2011), Kuala Lumpur, Malaysia, 20-22 March 2011
62. Savitha H. M., Muralidhar Kulkarni, 2011, "ICI Cancellation in coded OFDM system using improved sinc power pulse shaping", Proceedings of International Conference on Recent Advances in Technology, Engineering, Management & Science(ICRATEMS – 2011), March 4-6, 2011, pp.291-295
63. N S V Shet, K Chandrasekaran and K C Shet., *Geo location scheme during handoff using existing cellular infrastructure*, ICRATEMS-2011 Conference at Vivekananda College of Engg. for Women, 04-06 March 2011.
64. Aparna P, Sumam David S., *Low Complexity distributed Video Coding with Golay Codes*, International Conference on Machine Learning and Computing (ICMLC 2011), Singapore, 26-28 February 2011.
65. Soorya Krishna K and M S Bhat, *Impedance Matching in Multi-layer Interconnect Structures to Minimize Signal Reflections in High Speed Applications*, Proc. Of International conference on Signal Acquisition and Processing (ICSAP), Singapore, IACSIT 2010, 26-28 February., 2011.
66. Rekha S, Laxminidhi T, *A low power fully differential bulk driven OTA in 180 nm CMOS technology*, Proc. 3rd International Conference on Signal Acquisition & Processing , Singapore, February. 26 -28, 2011.
67. Ramesh Kini M, Sumam David S, *Address Generation For DSP Kernels*, International Conference on Communication and Signal Processing (ICCSP 2011), NIT Calicut, 10-12 February 2011.
68. Aravind NV, Abhinandan K, Vineeth V. Acharya and Sumam David, *Comparison of OMP and SOMP in the reconstruction of compressively sensed Hyperspectral Images*, International Conference on Communication and Signal Processing (ICCSP 2011), NIT Calicut, 10-12 February 2011.
69. Om Prakash Verma, Madasu Hanmandlu, Seba Susan, Muralidhar Kulkarni and Puneet Kumar Jain, 2011, "A Simple Single Seeded Region Growing Algorithm for Color Image Segmentation using Adaptive Thresholding", International Conference on Communication Systems and Network Technologies (CSNT-2011), India
70. Prashantha Kumar H, Sripathi U, Rajesh Shetty K, Shankarananda B, "Soft Decision Decoding of Davydov-Tombak Codes using a Parity Check Tree", presented in International Conference on Industrial and Information Systems-2010 (ICIIS-2010), 29th July to 1st August 2010, National Institute of Technology Karnataka, Surathkal, pp. 140-144.
71. Prashantha Kumar H, Sripathi U, Rajesh Shetty K, Shankarananda B, "Fano Decoding of Block Codes for Discrete Memoryless Channel Using Tree Diagram", presented in International Conference on Advances in Information, Communication Technology and VLSI Design (ICAICV 2010), 6th and 7th August 2010, PSG College of Technology, Coimbatore.
72. Rajesh Shetty K, Sripathi U, Prashantha Kumar H, Shankarananda B, "Synthesis of BCH Codes for Enhancing Data Integrity in Flash Memories", presented in International Conference on Industrial and Information Systems-2010(ICIIS-2010), 29th July to 1st August 2010, National Institute of Technology Karnataka, Surathkal, pp. 119-124.
73. Om Prakash Verma, Muralidhar Kulkarni and Madasu Hanmandlu, 2010, "Fuzzy Edge Detection Based on Similarity Measure in Colour Image", *Proceedings of the IEEE INDICON 2010*, Dec 17-19, 2010.

74. Ritesh Bhat, Jora M. Gonda, Sumam David, *Novel Vector-Locked Loop Scheme for Synchronized Extraction of Harmonics*, International Conference on Information and Automation for Sustainability (ICIAS 2010), Colombo, 17-19, December 2010.
75. A.A. Bini, M. S. Bhat, and P. Jidesh, "An Adaptive Total Variation Model with Local Constraints for Denoising Partially Textured Images", *Proc. of International conference on Graphics and Image Processing (ICGIP)*, Manila, Philippines, IACSIT 2010, 4-5 Dec 2010.
76. Jora M. Gonda, Ritesh Bhat, and Sumam David, *Novel Vector-Locked Loop Scheme for Synchronized Extraction of Harmonics*, International Conference on Power Electronics and Intelligent Transportation Systems (PEITS 2010), Shenzhen, China, 20-21, November 2010
77. Kiran V. Shanbhag, Muralidhar Kulkarni and Debashish Dutta, "MIMO Radar with Spatial-Frequency Diversity for Improved Detection Performance", *Proceedings of the 2010 IEEE International Conference on Communication Control and Computing Technologies (IEEE ICCCT 2010)*, 07th – 09th, October, 2010.
78. K S Shivaprakasha, Muralidhar Kulkarni, *Improved Network Survivability using Energy Aware DSR for Wireless Sensor Networks*, Proceedings of IETE Conference on RF and Wireless, 8th and 9th Oct 2010, IETE Centre, Bengaluru.
79. N S V Shet , K Chandrashekar & K C Shet, "WSN based cellular phone connectivity in un-inhabited areas with intelligent Handoff decisions", *ICON RFW-10* at IETE, Bangalore, 7-10th October 2010.
80. Soorya Krishna, M S Bhat, "Impedance matching for the reduction of via induced signal reflection in on chip high speed interconnects, *IEEE International Conference on Communication, Control & Computer technologies*, Tamilnadu, 7-10th October 2010.
81. Adoor Vikramaditya Rau, Raghuvara R, Vikram Shashimohan and Muralidhar Kulkarni, "A novel method for jammer localization in large scale sensor networks" Seventh International Conference on Wireless and Optical Communications Networks (WOCN), 6th to 8th Sept 2010.
82. Alwyn R Pais, Hari Krishna R, John D'Souza, Ram Mohana Reddy, "Automatic Shadow Removal Algorithm for VOP and Generation of Super Resolved VOP", (*BEST PAPER AWARD*) *ICIP- 2010, Aug 6-8*, Bangalore.
83. Savitha H.M., Asia Hazareena, Muralidhar Kulkarni, "Image Transmission Using SPIHT Turbo-Coded OFDM Systems", *Proceedings of the International Conference on Advances in Information, Communication Technology and VLSI Design (ICAICV 2010)*, August 6th & 7th 2010.
84. Savitha H. M., Muralidhar Kulkarni, "Performance Comparison of Hard and Soft-decision Turbo Coded OFDM Systems", *Proc. of 2010 IEEE International Conference on Wireless communication, networking, and internet security (WCNIS 2010)*, pp.551-555, August 2010.
85. Savitha H. M., Muralidhar Kulkarni, "An improved Turbo decoding scheme for impulsive channel", *Proc. of 5th International Conference on Industrial and Information Systems (ICIIS 2010)*, 29th July to 1st August 2010, pp.135-139.
86. U. Harish Padiyar, Sumam David & S S Mahant Shetti, "Voltage regulator module design considerations to enhance efficiency", *ICIIS 2010*, NITK Surathkal, 29th July to 1st August 2010.
87. Soorya Krishna, K, Pramod, M and M S Bhat, "Estimation of interconnect metrics using state space approach", *Proceedings of International Conference on Industrial and Information Systems (ICIIS 2010)* NITK Surathkal, India, July 29 – Aug 1, 2010,
88. Soorya Krishna, K and M S Bhat, "Performance enhancement in high speed on-chip interconnect lines", *Proceedings of International Conference on Industrial and Information Systems (ICIIS 2010)* NITK Surathkal, India, July 29 – Aug 1, 2010.
89. Govinda Kamath, Yogesh Shekar, Abhijith Kini G., Sripathi U. and Muralidhar Kulkarni, "Performance Analysis of Energy Efficient Asymmetric Coding and Modulation Schemes for Wireless Sensor Networks" *Proceedings of the 5th edition of the IEEE International Symposium on Wireless Pervasive Computing (IEEE ISWPC 2010)*, May 2010.

90. Prashanth Kumar H, U. Sripathi, Rajesh Shetty and B.Shankarananda, "Iterative decoding of Hsiao Codes using parity check tree", *International Conference on Advanced Computing & Communication (ICACC-2010)*, Amal Jyothi College of Engg., Kanjirappally, Kottayam, 3-4th May 2010.
91. Rajesh Shetty, U Sripathi, Prashantha Kumar H & B Shankarananda, "Design and Construction of codes for MIMO Block Fading channels", *International Conference on Advanced Computing & Communication (ICACC-2010)*, Amal Jyothi College of Engg., Kanjirappally, Kottayam, 3-4th May 2010.
92. Ganesh Aithal, K N Haribhat and U Sripathi, "Implementation of Stream Cipher System based on representation of integers in residue number system", *IEEE 2nd International Advanced Computing Conference*, Thapha University Patiala, Punjab, 19-20th February 2010.
93. Prashantha Kumar, U Sripathi, Rajesh Shetty K, B Shankarananda, "Stack decoding of extended hamming code for single loop wireless networks using tree diagram", *International Conference on Recent Advances in Electrical Sciences, KSR College of Engg, Tiruchengode, Tamilnadu*, 8-10th January 2010.
94. Ramesh Kini M., Sumam David S, "*Comprehensive Address Generator for Digital Signal Processing*", *International Conference on Industrial and Information Systems (ICIIS 2009)*, SriLanka, 28-31 December 2009.
95. Jora M. Gonda, Anantha Adithya V., Sumam David S, "*Performance Analysis of Compensation Current Extraction Techniques for 3-phase, 3-Wire Shunt Active Power Filter Under Unbalanced Supply*", *International Conference on Power Systems (ICPS 2009)*, IIT Kharagpur, 27-29 December 2009.
96. Alwyn R. Pais, Naveen P., Rajashekar Gidnavar, John D'Souza, "Automatic Video Object Plane Segmentation and Super Resolution: A Novel Approach", (*IICAI 2009, Tumkur*), December 16-18, 2009.
97. Pramod M, Laxminidhi T, "*Low power continuous time common mode sensing for common mode feedback circuits*" *International Conference on Electronic Design & Signal Processing (ICEDSP-2009)*, MIT Manipal, 12th December 2009.
98. Soorya Krishna K, M S Bhat, "*Quasi resonant interconnect network using active inductor*", *24th Indian Engineering Congress*, NITK Surathkal, 10th to 13th December 2009.
99. Prashantha Kumar, U Sripathi, Rajesh Shetty K, B Shankarananda, "Enhancing the accuracy of Radar measurements by employing the 18, 47 extended Hamming code and its decoding using tree diagram", *International Radar Symposium*, LRDE Bangalore, 8-11th December 2009.
100. Alwyn R. Pais, John D'Souza, Sandeep Patil "Super Resolution of video with Sharpened Edges using Multiple Frames" *A Novel Approach*, (*ARTCom 2009*), 27-28 October 2009.
101. B. Nagavel, "*Compact broadband microstrip patch antenna with probe feeding*" *Silver Jubilee International Conference on Communication Technologies, VLSI*, VIT University Vellore, pp. 73-76, 8-10 October 2009.
102. N.S.V.Shet, "*Development of dynamic clustering based handoff scheme*", *ICON REW09 IETE Bangalore*, 7-9 October 2009.
103. Sumam David S., "*Outstanding Leadership for IUCEE at the Mangalore Regional Centre in Karnataka State*", *Global Colloquium on Engineering Education (GCEE 2009)*, Budapest, 12-15 October 2009.
104. Madasu Hanmandlu, Senior Member, IEEE, Om Praksh Verma, Nukala Krishan Kumar, and Muralidhar Kulkarni, "*A Novel Optimal Fuzzy System for Color Image Enhancement using Bacterial Foraging*", *IEEE Transactions on Instrumentation and Measurement*, Vol.58, No.8, pp.2867-2879, August 2009
105. U.Harish Padiyar, Sumam David S., S. S. Mahant Shetti, "A System level Solution to improve VRM efficiency" , *International Conference on Industrial Technology (ICIT 2009)*, Melbourne, 10-13 February 2009.
106. Amitav Das, Ohil K. Manyam & Makarand Tapaswi, "Audio-visual person authentication with multiple Visualized-Speech Features and multiple face profiles", *IEEE Indian Conference on Computer Vision, Graphics & Image Processing (ICVGIP)*, 14th – 16th December 2008.
107. Amitav Das, Ohil K. Manyam, Makarand Tapaswi & Veeresh Taranalli, "Multilingual spoken-password based user authentication in emerging economies using cellular phone networks", *IEEE Workshop on Spoken Language Technology (SLT)*, 17th – 18th December 2008

108. Rachit I Kushalappa and M S Bhat, "AutoLibGen: An open source tool for standard cell library characterization at 65nm technology", *International conference on Electronic Design*, Penang, Malaysia, 1-3 Dec 2008.
109. Narendra Konidala and M S Bhat, "Design of CMOS RF front-end for IEEE 802.11b", *International conference on Electronic Design*, Penang, Malaysia, 1-3 Dec 2008.
110. Rajashekar Guntapally and M S Bhat, "Design of Resolution Adaptive TIQ flash ADC using AMS 0.35um Technology", *International conference on Electronic Design*, Penang, Malaysia, 1-3 Dec 2008.
111. Sooryakrishna and M S Bhat, "Model order reduction and interconnect delay estimation using state space approach", *International conference on Emerging Microelectronics and Interconnection Technology EMIT-08*, IISc, Bangalore, 15-18 Dec, 2008.
112. N S V Shet, "Newer algorithms of handoff in mobile wireless communication using wireless sensor node techniques", *KU-NITK joint seminar, titled Recent advances in Engg. and Technology*, Kagoshima University, Japan, 27 – 29 Nov 2008.
113. Brijesh Kumar Soni, R. Ramasubramanian, Sandeep Sancheti, "Design and Development of SiGe HBT based High Gain Amplifier for GPS Application", *International Conference on Recent Advances in Microwave Theory and Applications, Proceedings of Microwave 2008*, Jaipur, Nov. 2008
114. Sunil Joshi and Sandeep Sancheti, "Foliage loss measurements of Tropical trees at 35 GHz", *International Conference on Recent Advances in Microwave Theory and Applications*, Jaipur, November 2008.
115. Sunil Joshi and Sandeep Sancheti, "Multi path Fading characteristics of Millimeter Wave Radio Propagation in Urban Micro-cellular Environment", *International Conf. on Recent Advances in Microwave Theory and Applications*, Jaipur, November 2008.
116. Sunil Joshi and Sandeep Sancheti, "Analysis of multiple Input Multiple Output (MIMO) Systems and Adaptive Arrays for Wireless Communication", *International Conf. on Recent Advances in Microwave Theory and Applications*, Jaipur, November 2008.
117. D.Bhardwaj, Komal, V.Bhardwaj, D. Bhatnagar, & S. Sancheti "Radiation performance of an elliptical patch antenna with a circular for modern communication systems", *International Conf. on Recent Advances in Microwave Theory and Applications*, Jaipur, November 21-24, 2008.
118. D.Bhardwaj, Komal, D. Bhatnagar, & S. Sancheti, "Square patch microstrip antenna with single notch having an air gap" *International Conf. on Recent Advances in Microwave Theory and Applications*, Jaipur, November 21-24, 2008.
119. Dheeraj Bhardwaj, D. Bhatnagar and S. Sancheti "Circular patch antenna with elliptical slot for WLAN / Wi-MAX applications" *ICRS-08*, Jodhpur
120. Dr. Muralidhar Kulkarni, "Proposed encoder design scheme for turbo coded OCDMA BPPM System", 7th WSEAS International Conference on System Science and Simulation in Engineering, Venice, Italy, 21 – 23 Nov 2008.
121. Amod Jai Ganesh Anandkumar, Aneesh Ghosh T. A., B. Teja Damodaram, and Sumam David S., "Underdetermined blind source separation using binary time-frequency masking with variable frequency resolution", *TENCON 2008*, Hyderabad, 18-21 November 2008
122. Sivaprakash Reddy, Aparna P & Sumam David, "Syndrome coding of Video with LDPC codes", 9th International Conference on Signal Processing, Beijing, China, 24-29 October 2008.
123. Amitav Das, Ohil K. Manyam & Makarand Tapaswi, "Multi-feature audio-visual person recognition", *IEEE International Workshop on Machine Learning and Signal Processing (MLSP)*, Cancún, Mexico, Oct 16-19, 2008
124. M. Kulkarni, Meenu Manchanda, Shelly Garg, Ravinder Ahuja, Umesh Gupta, "Estimation of effect of process parameters in Kalman filters using Matlab", *International Conference on Information Processing, UVCE, Bangalore, August 2008*

125. M. Kulkarni, Deepak Goyal, Naveen Rathee, Kapil,, Umesh Gupta, " ANN modeling in successful development and optimization of Indian currency exchange rate forecasting", *International Conference on Information Processing, UVCE, Bangalore, August 2008*
126. Ajay S, "Adaptive Active Noise Control for headset applications", IFAC World Congress 2008, Seoul, Korea, July 2008.
127. S. Nithin, K. Suresh, and T.V. Srinivas,"Low Complexity Bit Allocation algorithms for MP3/AAC encoding", *124th Convention of Audio Engineering Society, May 2008*
128. Bhardwaj, S. Sancheti and D. Bhatnagar "Design of square patch antenna with a notch on FR4 Substrate" *Proc. Asia Pacific Microwave Conf. (APMC-2007)*, Vol. 2, pp 975 – 977.
129. Dheeraj Bhardwaj, S. Sancheti and D. Bhatnagar "Design of Square Patch Antenna with Double Notch". *ICMO-07*.
130. Inderjeet Kaur, Kanchan Sharma, M. Kulkarni, Asok De, " A Dual mode uplink and downlink scheme for WiMax", *International Conference on Computational Intelligence and Multimedia Applications, Sivakasi, December 2007*
131. Inderjeet Kaur, Kanchan Sharma, M. Kulkarni, Asok De, " The COFDM modulation system: the heart of digital audio broadcasting", *International Conference on advances in computer vision and information technology, Aurangabad, November 2007*
132. T. Laxminidhi, V. Prasadu and S.Pavan "A Low Power 44-300MHz Programmable Active –RC Filter in 0.18 μ m CMOS." *IEEE Custom Integrated Circuits Conference, September 2007*.
133. Inderjeet Kaur, Kanchan Sharma, M. Kulkarni, Asok De, " ICI cancellation for OFDM systems using self cancellation method", *International Conference on Information Processing, UVCE, Bangalore, August 2007*
134. Neena Gupta, M. Kulkarni, Vikas Bhayana, Umesh Gupta, " Performance Evaluation of 40Gbps WDM optical ring network for metero applications", *International Conference on Information Processing, UVCE, Bangalore, August 2007*
135. M. Kulkarni, Vikas Bhayana, Umesh Gupta, Shelly Garg, " Design and implementation of OCDMS ring architecture for MAN/LAN", *International Conference on Information Processing, UVCE, Bangalore, August 2007*
136. Sharma Kanchan, Kulkarni. M, Kaur Inderjeet, D Asok, "ICI self-cancellation scheme for OFDM systems", *International Conference on Modeling and Simulation. CITICOMS 2007, Coimbatore, August, 2007*.
137. T.Laxminidhi and S. Pavan, "Efficiently Design Centering High Frequency Continuous-time Filters," *IEEE International Symposium on Circuits and Systems* , May 2007.
138. Mehra Rekha, Sancheti S, "Optical Fiber Sensors", *International Conf. on Recent Advancement & Applications of Computer in Electrical Engineering*, Bikaner, March 24-25, 2007, pp 551-554.
139. O. P. Sharma, V. Janyani, S. Sancheti, "Signal Prediction using the NLMS Adaptive Filters for Image Processing", *International Conference on Recent Advancements and Applications of Computer in Electrical Engg., Technical sponsor (AEC COM LEO Society Chapter, India) March 24-25, 2007, RACE-07 Proceedings*, Vol. II, Sr. no. 192, pp. 919-922.
140. O. P. Sharma, V. Janyani, S. Sancheti, "Analysis of Raised Cosine Filtering in Communication Systems", *Proceedings of the Third International Conference of IEEE on Wireless Communication and Sensor Networks (WCSN-07)*, ISBN 1-4244-1877-0/07/\$25.00©2007 IEEE, pp. 70-73.
141. Aparna P and Sumam David, Adaptive Local Cosine transform for Seismic Image Compression, *ADCOM 2006*, NITK, Surathkal Dec 20-23, 2006.
142. Steevan Rodrigues and M S Bhat, Impact of Process Variation Induced Transistor Mismatch on Sense Amplifier Performance, *ADCOM 2006*, NITK, Surathkal Dec 20-23, 2006
143. Ajay A. V., Deepti S. M., Rajendra C. Y., Venkatesan N. E. and Sumam David, "Resizing of Images by arbitrary factors in the spatial domain and implementation on Blackfin BF533 processor" *IEE Conference on Visual Information Engineering (VIE2006)* Bangalore, Sept 2006.

144. S. Pavan and T.Laxminidhi," A 70-500 MHz Programmable CMOS Filter Compensated for MOS Nonquasistatic Effects," *IEEE European Solid State Circuits Conference, ESSCIRC 2006, Switzerland, September 2006*
145. S. Pavan and T.Laxminidhi," A Technique for Accurate Frequency Response Measurement of Integrated Continuous-Time Filters," *IEEE Custom Integrated Circuits Conference, CICC 2006, San Jose, September 2006.*
146. M. S. Bhat, Rekha S and H. S. Jamadagni, Extrinsic Analog Synthesis using Piecewise Linear Current-Mode Circuits, *IEEE International Conference on VLSI Design, Hyderabad, Jan 3-7, 2006*
147. Priyatamkumar, Dr. R. M. Banakar and Dr. B. Shankarananda, "Rake Receiver for 4G Mobiles", International Conference on Recent Trends in Information Systems –IRIS'06, 06-08, National Engineering College, K. R. Nagar, Kovlipatti, Tamil Nadu, January, 2006
148. Sharma D, Yadav RP, Salim M, Sancheti S, "Performance Enhancement of DS_CDMA Systems with Simple Adaptive Antenna Array Beamforming Technique, 2006
149. Mehra R, Sancheti S, "Mode Field Distribution in Optical Fiber Systems", 2006
150. M. Kulkarni and R. K Sinha, "Generation and Performance Analysis of Optical orthogonal Codes for an Optical CDMA system", *International Conference on Optical Electronics-2005, Dehradun, December 2005.*
151. Priyatamkumar, Dr. R. M. Banakar and Dr. B. Shankarananda, "Rake Receiver Implementation For WCDMA Downlink Using Turbo Coding Technique", International Conference on Wireless, Networking and Mobile Computing ICWNMC – 05, Chennai, India Dec 16-18, 2005.
152. M. S. Bhat, S. Rekha and H. S. Jamadagni, An Extrinsic Method for the Synthesis of Analog Functions using Non-Linear Current-Mode Circuits, 2nd Indian International Conference on Artificial Intelligence (IICAI-05), Pune, Dec. 20-22, 2005.
153. M. S. Bhat, S. Rekha and H. S. Jamadagni, An Extrinsic Method of Evolutionary Synthesis of Multiple-Valued Arithmetic Functions using Genetic Algorithms, 2nd Indian International Conference on Artificial Intelligence (IICAI-05), Pune, Dec. 20-22, 2005.
154. Rajath Shenoy, Sudhir Naik, Sumam David, "Improved algorithms for implementation of MPEG2 AAC decoder on FPGA", IEEE TENCON 2005, Melbourne, Australia, 21-24 November 2005.
155. Priyatamkumar, Dr. R. M. Banakar and Dr. B. Shankarananda, "Performance Analysis of Polarization Diversity In Rake Receiver For A 4G Mobiles", International Conference on current trends on information technology MERG 05 Bhimavaram A.P. Oct, 1-3, 2005.
156. Singh YP, Sancheti S, Sharma OK, "Doubling of FM Broadcasting using existing FM stations" presented at XXVIIIth General Assembly of International Union of Radio Science (URSI), Delhi, October 2005.
157. U. Sripathi, B. Sunderrajan and V. Shashidhar, "Full diversity group space time frequency (GSTF) codes from cyclic codes" ISIT 2005, Melbourne, Australia, Sept. 2005.
158. M. S. Bhat, Rekha S and H. S. Jamadagni, Multi-level Current-mode Signaling for inter-module communication in SOC Designs, Asia and South Pacific International Conference on Embedded SOCs (ASPICES 2005), Bangalore, July 5 – 8, 2005,
159. Jagadish Nayak, P Subbanna Bhat, M Sathish Kumar, "*Reliable transmission and storage of medical images with patient information*" The IASTED International Conference on Biomedical Engineering BioMED 2005 February 16-18, 2005 Innsbruck, Austria
160. Gaurav Khare, Prashant Shekhar and M. Kulkarni, "Generation of Excitation Signal in Voice excited Linear Predictive Coding using Discrete Cosine Transform" TENCON '05, Melbourne, Australia
161. Jagadish Nayak, P Subbanna Bhat, M Sathish Kumar "*Reliable Transmission And Storage Of Medical Images With Patient Information*" Proceedings of the International Conference on Robotics, Vision, Information and Signal Processing ROVISIP 2005 pp. 447-450.

162. Raghavendra B. S. Bobbi, P. Subbanna Bhat, "Contourlet Based Multiresolution Texture Segmentation using Contextual Hidden Markov Models", International Conference of Information technology, Hyderabad, Dec 2004
163. Raghavendra B. S. Bobbi, P. Subbanna Bhat, "Hidden markov model - contourlet hidden markov tree based texture segmentation", International Conference on Signal Processing and Communications (SPCOM 2004), IISc Bangalore, Dec 11-14, 2004
164. Jagadish Nayak, P. Subbanna Bhat, M. Sathish Kumar and Rajendra Acharya U., "Reliable and robust transmission and storage of medical images with patient information", International Conference on Signal Processing and Communications (SPCOM 2004), IISc Bangalore, Dec 11-14, 2004
165. U.Sripati, B.Sundarrajan, V.Shashidhar, "Full Diversity STBCs for Block Fading channels from cyclic codes", IEEE Globecom, Dallas, USA, Dec., 2004
166. M. S. Bhat and H. S. Jamadagni, Complexity Estimation and Evolutionary Network Synthesis of Multiple Valued Logic based on Functional Smoothness and Entropy Measures, Proceedings of First World Congress on Lateral Computing, Bangalore, Dec 17-19, 2004
167. Priyatamkumar, R. M. Banakar and Dr. B. Shankarananda "Design and Implementation of the M-BCJR turbo equalizer", 8th IEEE International Conference, INMIC2004, Lahore Pakistan, Dec 23-26, 2004 pp 221-226.
168. M. Kulkarni, "Performance Analysis of one and two (multi-wavelength) dimensional Optical Orthogonal Codes for OCDMA Systems", International Conference on Communications, Internet and Information Technology (CIIT-2004), St.Thomas, Virgin Islands, USA, November 2004.
169. M. S. Bhat, Rekha S and H. S. Jamadagni, Design of Low Power Current-Mode Flash ADC, Proceedings of IEEE international conference, TENCON, Chiang Mai, Thailand, Nov 21-24, 2004
170. Jagadish Nayak, P. Subbanna Bhat, Rajendra Acharya, U., Niranjana U.C. and Ong Wai Sing, "AR modeling of heart rate signals" IEEE Tencon 2004, Chiang Mai, Thailand, Nov 21-24, 2004
171. Arvind A.L., Bindu Rao, Sudhir Kudva, Sreenu Babu, Sumam David and Ajit V. Rao, "Quality and complexity comparison of H.264 intra mode with JPEG2000 and JPEG", Proceedings of International Conference on Image Processing (ICIP 2004), Singapore, 24-27 October 2004 Page(s):525 - 528 Vol. 1
172. M. Kulkarni, "Performance Analysis and Comparison of Turbo coded and Trellis coded Optical CDMA Systems", 2004 Tyrrhenian International Workshop on Digital Communications PISA, ITALY, October 2004.
173. Rajashekhar, Subhasis Chaudhuri and Vinay P Namboodiri - "*Image retrieval Based on Projective Invariance*", International Conference on Image Processing (ICIP 2004), Singapore, October 24-27, 2004
174. Rajashekhar and Subhasis Chaudhuri - "*Content Based Image Retrieval in Presence of Foreground Disturbances*", ICVGIP 2004, Kolkata.
175. Kiran K.S., Shivaprakash H., Subrahmanya M.V., Sundeep Raj and Sumam David, "Implementation of JPEG2000 still image codec on Blackfin (ADSP-BF535) Processor", Proceedings of International Conference on Signal Processing (ICSP 2004), Beijing, 31 Aug - 4 Sept. 2004 Page(s):804 - 807 vol.1
176. Subash Yekanath Pai, Vijay U.K, and P. Subbanna Bhat, "A novel low complexity deblocking algorithm and semaphore extraction mechanism for deringing", International Conference on Signal Processing (ICSP 2004), Beijing, September 2004
177. U.Sripati, V.Shashidhar, B.Sundarrajan "Designs and Full Route STBCs from DFT domain description of cyclic codes", International Symposium on Information Theory Chicago, USA, June 27- July 2, 2004
178. B.K Sharachandra Rao and P. Subbanna Bhat, "Automated discrimination of infant cries", II international conference on Medical Diagnostic Techniques and procedures, IIT Madras, April 1-3, 2004
179. M. Kulkarni, "Performance analysis of OCDMA system with hard limiter using OOC and temporal codes", International Conference CODIS-2004, Jadavpur University, Calcutta, January 2004.
180. Sunil Joshi, Sandeep Sancheti and Ashutosh Goyal, "Multi Propagation of Millimeter waves for the enhancement of LMDS coverage into Urban streets" Paper No. APMC/04/C/125, Asia Pacific Microwave Conference, New Delhi, 2004.

181. Sandeep Sancheti, Sunil Joshi, Deepak Jhanwar, Yogita Singh, Yogesh Sharma, "Estimation of rain Specific Attenuation for Millimeter Wave Radio Propagation in Indian Climatic Zones" Paper No. APMC/04/C/03, Asia Pacific microwave conference, New Delhi, 2004.
182. Jagadish Nayak, P Subbanna Bhat, "*Identification of Voice Disorders using Speech Samples*", IEEE TENCON 2003, Bangalore, Oct 14-17, 2003
183. U Sripathi and B. Sundar Rajan, "*On the Rank and Distance of cyclic codes*", International symposium on Information Theory, Yokohoma, Japan, June 29-July 05, 2003
184. K. Krishna Kumar and N.S.V. Shet, "*Analysis and simulation of GSM based Tx and direct conversion Rx using MMIC*", International conference on wire communication networks, Chennai, June 27 – 29, 2003

National Conferences

1. Chenna Reddy, E. S. Shajahan and M. S. Bhat, "*A 180° Bit C-Band Phase Shifter Using Interdigital Low Pass/High Pass Filter*", 6th ISSS conference on MEMS, Smart Materials, Structures and Systems, 6-7, September, 2013, Pune, India.
2. B. Vasudev Anand, E. S. Shajahan and M. S. Bhat, "*RF MEMS based Loaded Line Phase Shifter for X-band Applications*", 6th ISSS conference on MEMS, Smart Materials, Structures and Systems, 6-7, September, 2013, Pune, India.
3. E. S. Shajahan and M. S. Bhat, "*Pull-in analysis of RF MEMS shunt capacitive switches*", Proc. of National Conference on Advanced Technologies in Electrical and Electronic Systems (ATEES2012), Belgaum, 17-18 Feb, 2012.
4. Rajeev Komar, M S Bhat and Tonse Laxminidhi, "*Ultra Low Power 6-bit Flash ADC using 0.5V supply in 180nm CMOS Technology*", Proc. of National Conference on Advanced Technologies in Electrical and Electronic Systems (ATEES2012), Belgaum, 17-18 Feb, 2012.
5. Geetha Prakash, Muralidhar Kulkarni, U Sripathi, Mahesh Nayak Kalyanpur, 2011, "*Comparison of BER performance with Luby Transform encoding using Robust Soliton Distribution*", National conference on Computers, Communication and Controls (N4C11), 29th to 30th April 2011, Bangalore, India
6. G. Umesh, Piyush Bhat, and M.S. Bhat, "*MEMS RF Switch for CPW Circuits*", COMSOL Conference, Bangalore, Oct. 29-30, 2010.
7. Piyush Bhatt, K.Natarajan, R.Gandhi, G. Umesh and M. S. Bhat, "*Design and Fabrication of Tunable RF MEMS Shunt Switches*", Proc. of Fourth ISSS National Conference on Microsystems, Smart Materials, Structures (ISSS-2010), VNIT, Nagpur, Sept. 30 – Oct. 1, 2010.
8. K Soorya Krishna, M S Bhat, "*Crosstalk estimation in coupled interconnect lines using state space approach*", *VLSI Design & Test Symposium 2010 (VDAT 2010)*, Chandigarh, 6-9th July 2010.
9. Sanjay R., Ashish Shenoy P., Siddhartha Sampath, Akella Karthik, Sumam David S., "*Real time implementation of OGG VORBIS decoder on Analog Devices SHARC ADSP-21364*", *National Communication Conference (NCC 2009)*, IIT Gauhati, 16-18 January 2009.
10. O. P. Sharma, V. Janyani and S. Sancheti, "*Simulation approach for performance analysis in Digital Communication Systems*", *1st National Conference on Optical and Wireless Communication (NCOW-2008)*, Jalandhar November 27-28, 2008.
11. Ashish Kumar and M S Bhat, Block Based Statistical Static Timing Analysis for Combinational Circuits, IEEE State level technical conference, EMERGIA, Canara College, Mangalore, 21-22 Nov, 2008.
12. Dheeraj Bhardwaj, D. Bhatnagar and S. Sancheti, "*Design and Development of M - Shaped Dual Frequency Microstrip Antenna for Modern Communication Systems*", *IETE 39th Mid term Symposium*, Jaipur, April-08.

13. O. P. Sharma, V. Janyani, S. Sancheti, "Impact of channel coding on the performance of communication systems", IETE 39th Mid term Symposium on Recent Advances in Broadband Systems, Jaipur, April 12-13, 2008, Souvenir Technical session I, pp. 81.
14. O. P. Sharma, V. Janyani, S. Sancheti, "Analysis of LMS and RLS Equalizer Algorithm in Signal Detection", National Conference on Communication Systems and Networking, CSN-2008 Guna, March 15-16, 2008, , pp.86-90.
15. Pradeep R, N S V Shet, Network Selection in Wireless Heterogeneous Networks using Multi Attribute Decision Making, II National Conference on Communication Technology NCCT08 Mepco Schlnk Engg College Sivakasi, March 14 & 15 2008
16. Sumam David S, Aparna P, Efficient Compression of video using distributed source coding, National Conference on Computer Vision, Pattern Recognition Image Processing & Graphics, NCVPRIPG08 DAIICT Gandhinagar, Jan 11-13, 2008.
17. Yogesh Inamdar and Ramesh Kini. M., "A Lifting Based Reconfigurable Forward and Inverse Discrete Wavelet Transform Architecture for JPEG 2000", IEEE VLSI Design and Test Symposium 2007, August 8-11, 2007, Kolkata.
18. M. Kulkarni, Kanchan Sharma, "Performance Analysis of TCOFDM System", National Conference on Next Generation Computer and Information Systems, Jammu, 12-13th May, 2007.
19. Kanchan Sharma, Sanjay Kumar and M. Kulkarni, "Turbo-coded OFDM", National Conference on Emerging Trends and Application in Computer Engineering (NCETA-2007), Ajmer, 13th April, 2007.
20. M. Kulkarni, Kanchan Sharma, "Orthogonal Frequency Division Multiplexing-An Overview", National Conference on Digital Information Management(CSI & TSEC) , Mumbai, 23-24th March, 2007.
21. Harish Padiyar U., Mahant Shetti and Sumam David, VRM for High Performance Processor Boards- A review, National Conference for Energy Conversation Techniques (AECT 2007) Manipal, March 2007.
22. Kalpana G Bhat and Chandrika B.K, "Power reduction techniques in high Performance microprocessor systems", National Conference on Advanced Energy Conversion Technologies at MIT, Manipal, March 2007.
23. Aparna P. and Sumam David, *Seismic Data Compression using fast wavelets*, PGFEST 2006, NMAMIT, Nitte, April 28 – 29, 2006
24. Harish Padiyar U., Mahant Shetti and Sumam David, *A System Level Solution for Power Quality Problems*, IEEE Power India Conference (POWERCON) New Delhi, April 11 – 12, 2006.
25. Ghunawat AK, Sancheti S, Janyani V, "Design and Simulation of Broadband Raman Amplifier", IETE National Symposium on Emerging Trends in Broadband Communication", IETE, Jaipur, April 08-09, 2006.
26. Singh MR, Janyani V, Sancheti S, "Fiber Optic Bragg Gratings for Broadband DWDM Systems", IETE National Symposium on Emerging Trends in Broadband Communication", IETE, Jaipur, April 08-09, 2006.
27. Sandeep Sancheti and Sunil Joshi, "UTD based Macro-cellular Propagation Modeling of Millimeter waves for the Next generation wireless Broadband services", National Communications Conference, 2006, IIT New Delhi.
28. Naveen H.N, and N.S.V. Shet, "VLSI implementation of RC5 encryption algorithm", IEEE VLSI Design and Test Symposium, Aug. 10-13, 2005, Bangalore.
29. M. S. Bhat, Rekha S and H. S. Jamadagni, Synthesis of Multiple-Valued Arithmetic Functions using Evolutionary Process, IEEE VLSI Design and Test Symposium, Aug. 10-13, 2005, Bangalore.
30. M.S.Bhat, Rekha S and H. S. Jamadagni, Multi-level Current-mode Signaling for Long High-Speed Interconnects, IEEE VLSI Design and Test Symposium, Aug. 10-13, 2005, Bangalore.
31. Sharma OP, Sancheti S, "Performance Analysis of Gray Coded M-PSK", 22nd National Convention of Electronics and Telecommunication Engineers, The Institution of Engineers, Jaipur, Aug. 04-05, 2005.

32. Singh MR, Sancheti S, Janyani V, "Narrow Channel Spacing Low Dispersion Fiber Bragg Gratings for DWDMS Systems", 22nd National Convention of Electronics and Telecommunication Engineers, The Institution of Engineers, Jaipur Aug. 04-05, 2005.
33. Sancheti, R Mehra, "Optical Fiber Evanescent Sensors" VIIIth National Workshop on Science and Technology of Sensors based on Nona-materials, Aug. 2005, Jodhpur pp 134.
34. Naveen H.N, and N.S.V. Shet, "Performance optimized VLSI implementation of RC5 encryption algorithm", Acumen 05, Hyderabad, March 10-12, 2005
35. Rudresha N, and N.S.V. Shet, "Performance analysis of OFDM", VIT Vellore, March 3-5, 2005.
36. Kiran, Priyatamkumar, Dr. R. M. Banakar and Dr. B. Shankarananda, "User Analysis for Rake Receiver", National Conference on MITDISC 2005 MIT, Manipal.
37. M. S. Bhat and H. S. Jamadagni, Complexity Estimation and Network Synthesis based on Functional Smoothness and Entropy Measures, Proceedings of IEEE INDICON, IIT Kharagpur, Dec 20-22, 2004
38. Yashwanth H., Harish Mahendrakar and Sumam David, "Automatic speech Recognition using Audio visual cues", Proceedings of IEEE Annual India Conference INDICON 2004, IIT Kharagpur, Dec 20-22, 2004, Page(s):166 - 169
39. M. S. Bhat and H. S. Jamadagni, Design of Current-mode Flash ADC , Proceedings of VLSI Design and Test workshop, VDAT, Mysore, Aug 26-28, 2004
40. M. S. Bhat, Rekha S and H. S. Jamadagni, Design of Current-mode CMOC Multiple-Valued Latch, Proceedings of VLSI Design and Test workshop, VDAT, Mysore, Aug 26-28, 2004
41. N.S.V.Shet, M.Subramanyam, "Overlapping and Window length algorithm for Handover measurement in WCDMA", National Conference on Advances in E&C ADELCO 2004, pp. 314- 320, June 03-04, 2004
42. N.S.V.Shet, M.Subramanyam, "Dynamic Threshold Hand off algorithm for UMTs", National Symposium on GSM and CDMA, IETE Jaipur Chapter, April 17-18, 2004
43. V.K. Dwivedi, R. Mukhiya, S. Sancheti and S. Ahmad, "Design of MEMS Based High-Sensitivity Z-Axis Bulk-Micromachined Accelerometer" National Conference on Optoelectronics and MEMS Technologies, Chandigarh, April 16-17, 2004.
44. Priyathamkumar, R.M. Banakar and B. Shankarananda "Implementation and performance analysis of 3GPP Turbo decoder", National Conference on Wireless Communication, Chennai, Feb 9-10, 2004
45. Hasan Ali G. Virani, Ramesh Kini M, "A survey on reconfigurable computing for DSP", National Conference on Wireless Communication, Chennai, Feb 9-10, 2004
46. U Sripati and B. Sundar Rajan, " On the Rank of cyclic and abetium codes", National Communications Conference 2004, IISc Bangalore, Jan 30-Feb 01, 2004
47. Pradeep J., Ajit Rao, Sumam David, "A novel music beat detection algorithm based on periodicity of Energy flux", National Communications Conference 2004, IISc Bangalore, Jan 30-Feb 01, 2004
48. Rajashekhar and Subhasis Chaudhuri - "*Logo retrieval using Morphological Pattern Spectrum*", National Communications Conference 2004, IISc Bangalore, Jan 30-Feb 01, 2004
49. M. Subramanyam and N.S.V. Shet, " Dynamic hand off scheme for integrated service based mobile network", National Conference on Controls, Communications and Information Systems , Goa, Jan 23-24, 2004
50. Priyathamkumar, Ramesh Kini M, "Design & Implementation of 3GPP Turbo decoder", National Conference on Controls, Communications and Information Systems, Goa, Jan 23-24 , 2004
51. Hasan Ali G. Virani, Ramesh Kini M, "Design of 256 point pipelined FFT processor", National Conference on Controls, Communications and Information Systems, Goa, Jan 23-24 , 2004
52. Praveen Chawan, Tejaswi, Mithun, Ajit Rao, C.V. Goudar and Sumam David, "*Fixed point implementation of Internet low-bit rate codec (iLBC)*", Texas Instruments Developer's Conference, Bangalore, Dec. 2003

53. M.S. Bhat, G.K. Gopal, Pavan Vittal, Panchakshari "*Speed area optimization in SRAM based FPGAs*", VDAT National conference, Bangalore, August 18-20, 2002