



Recent Conference Paper Publications

1. Seetha Rama Raju Sanapala, "Uniformity Parameters In Mersenne Twister Random Number Generator For Monte Carlo Simulation", *Proceedings of the National Conference on Information Technology, Communications and Signal Processing (CISP-2013)*, Government Engineering College Wayanad, India, March 2013.
2. K. Chidananda Murthy, Seetha Rama Raju Sanapala, "An Effective Aggregation Of Multiple Ethernet Frames For USB Superspeed LAN", *National Conference on Emerging Trends in Electronics, Communication and Computational Intelligence-ETEC 2013*, Vivekananda Institute of Technology, Bangalore, India, March, 2013
3. K. Chidananda Murthy, Seetha Rama Raju Sanapala, "Implementing An Effective Aggregation Of Multiple Ethernet Frames For USB Super Speed LAN", *Proceedings of the National Symposium on Low Power Solutions for Communications*, R. V. College of Engineering, Bangalore, India, April 2013.
4. Hemalatha T. C, Seetha Rama Raju Sanapala, "Implementation Of Quad-Core Crypto Processor For High Performance On FPGA Platform", *National Conference on Innovative Technologies and Recent Trends in Engineering NCIRTE-2013*, Dr. S. M. College of Engineering, Bangalore, India, April 2013.
5. Kannan, Seetha Rama Raju Sanapala, "CIC and RRC Filters For QPSK Modulators" - *Proceedings of the 5th National Conference on Recent Trends in Electronics and Communication Engineering ECENCRTEC-13*, SJBIT, Bangalore, India, May 2013
6. Seetha Rama Raju Sanapala, "Matrix Structure Based Algorithm Selection For Matrix Computation Applications In Signal Processing", *Proceedings of the National conference on Emerging Trends in Engineering and Technology*, Sapthagiri College of Engineering, Bangalore, India, May 2013.
7. Seetha Rama Raju Sanapala "Better And Clear Explanation Of The Technique Of Linear Convolution Of Long Sequences By Sectioning" *Proceedings of the National Conference on Wireless Communication, Signal Processing, Embedded Systems, BMSCE*, Bangalore, India, June 2013.
8. Kannan, Seetha Rama Raju Sanapala, "Development And Hardware Implementation Of Qpsk Modulator Using Polyphase Filters (WiSE-2013)", *Proceedings of the National Conference on Wireless Communication, Signal Processing, Embedded Systems*, BMSCE, Bangalore, India June 2013.

9. Prashant S. Chobari, Prof. Seetha Rama Raju, "Securing Supervisory Control And Data Acquisition (SCADA) System Networks", *Proceedings of 2nd National Conference on Current Trends in Computer Science & Engineering (CSECONF-2013)* June 2013.
10. S. Tangade, S. S. Manvi, "A Survey On Attacks, Security And Trust Management Solutions In VANETs", *IEEE International Conference on Computing, Communication and Networking Technologies – ICCCNT*, Tiruchengudu, India, July 2013.
11. M. S. Kakkasageri, M. G. Kambalimath, S. S. Manvi, "Reliable Data Delivery In VANETS", *BWCCA, Compiegene, France*, Oct 2013.
12. Manjula R. B., S. S. Manvi, "Coverage Optimization Based Sensor Deployment By Using Pso For Antisubmarine Detection In UWASNs", *IEEE Symposium on Ocean Electronics, Kochi, India*, 2013.
13. Gopal K. S., S. S. Manvi, "Task Specific Resource Allocation In Cloud Computing", *International Conference on Emerging Research in Computing, Information, Communication, and Applications (ERCICA)*, Bangalore, India, Aug 2013.
14. Prathiba M., P. V. Joshi, S. S. Manvi, "Enhancing Effectiveness And Reducing Time Of System Validation For Interactive Multimedia LED TV", *IEEE International Conference on Advances in Computing*, Mysore, India, Aug 2013.
15. P. I. Basarkod, S. S. Manvi, D. S. Albur, "Mobility Based Stability Estimation In MANETS", *IEEE International Conference on Emerging Trends in Computing, Communications and Nanotechnology (ICE-CCN)*, Tuticorn, India, March 2013.
16. V. R. Budyal, S. S. Manvi, S. G. Hiremath, "Fuzzy Based Node Disjoint And QoS routing In MANETS By Using Agents", *Fourth International Conference on Advances In Communications, Networking and Computing (CNC)*, Chennai, India, Feb. 2013.
17. V. R. Budyal, S. S. Manvi, S. G. Hiremath, "Agent Driven Multiconstrained Qos Anycast Routing I MANETS", *Proceedings of International Conference on Information Networks (ICOIN)*, Bangkok, Thailand, Jan 2013.
18. Dr. Venkatasiva Reddy, Dr. Bharathi S. H "Softcore Processor For Electrostatic Precipitator" *International Conference on ESP 2013*. (paper accepted)
19. Roopa K, Rama Murthy T. V. "Aircraft Image Recognition System Using Phase Correlation Method" *International Conference on Communication, VLSI and Signal Processing (ICCVSP-2013)*, Siddaganga Institute of Technology, Tumkur. 572 103, Karnataka, India. Feb 2013, pp 71-76.
20. Mrs. Geetha D. D. presented the paper on "Trusted Neighbor Identification In Wireless Sensor Network: Agent Based Approach" *IEEE International conference held at K. L. University, Vijayawada*, India, Feb 2013.
21. Seema Singh, T. V. Rama Murthy "Neural Network Based Sensor Fault Accommodation In Flight Control System" *International Conference on Communication, VLSI and Signal Processing (ICCVSP-2013)*. pp 71-76, Feb 2013, Siddaganga Institute of Technology, Tumkur, Karnataka, India.

22. Geeta D. D., Nalini N., R. C. Biradar, "Agent Based Trusted Neighbor Identification In Wireless Sensor Networks", *IEEE International Conference on Advanced Research in Engineering and Technology (ICARET - 2012)*, Vijayawada, Feb 2013, pp. 212-217.
23. M. S. Kakkasageri, S. S. Manvi, Jeremy Pitt, "Cognitive Agent Based Critical Information Gathering And Dissemination In Vehicular Ad Hoc Networks", *WPC Springer*, Accepted.
24. Nandini S. Sidnal and Sunilkumar. S. Manvi , "BDI Agents for Bidding in English Auctions in Mobile E-commerce" , *Proceedings of International Conference on Information and Computer Networks (ICICN 2012)*, IPCSIT , Singapore.
25. A.V. Sutagundar, S. S, Manvi, "Event Driven Dynamic Clustering And Data Aggregation In Wireless Sensor Networks", *Proceedings of 4th International Conference on Electronics Computer Technology, Kanyakumari* , India, September 2012, Accepted.
26. M. N. Birje, S. S. Manvi, "Reliability Model For Resource Allocation In Wireless Grids", *Proceedings of Int. Conf. on Electronics Computer Technology*, Kanyakumari, India, 2012, accepted.
27. V. R. Budyal, S. S. Manvi, S. G. Hiremath, "Agent based Multicast Routing in Mobile Ad hoc Networks", *Proceedings of International Conference on Advances in Mobile Network, Communication and its Applications (MNCApps 2012)*, Bangalore, India, Aug. 2012, Accepted.
28. M. S. Kakkasageri, S. S. Manvi, "Connectivity and mobility aware dynamic clustering in VANETs", *Proceedings of IEEE International Conference on Electronics Computer Technology (ICECT)*, Kanyakumari, India, April 6-8 2012.
29. Raja Jitendra Nayaka, R. C. Biradar, "Implementation Of Ethernet CRC-32 For SoC" *Proceedings of National Conference on Communication and Computing 2012 (NCC 2012)*, Bangalore, India, March 2012.
30. Rini Supriya L., R. C. Biradar, "FPGA Based Power Efficient Channelizer for Software Defined Radio", *Proceedings of International Conference on Emerging Trends in Engineering (ICETE 2012)*, Nitte, India, May 2012, Accepted.
31. Anusuya Yuvaraj, R. C. Biradar, Geeta D. D, S. S. Manvi,. "Scan Chain Testing for Latches to Reduce the Area and Power Consumption", *Proceedings of International Conference in Foundations of Computer Science & Technology (FCST-2012)*, Chennai, July 2012. Submitted.
32. Kanchana M. Pawar, R. C. Biradar, "Design and Development of Neural Networks for FPGA based Applications", *Proceedings of World Congress on Information and Communication Technologies (WICT 2012)*, Trivandrum, India, November 2012. Submitted.
33. Venkatesh S., R. C. Biradar, "Security Issues And Challenges In Transport Layer Multimedia Wireless Networks" *Proceedings of International Computer Networks & Communications (CoNeCo-2012)*, Coimbatore, India-ACM Proceedings, Oct 2012, Submitted.
34. Raja Jitendra Nayaka², R. C. Biradar, "Security Ethernet Packet Processor for SoC Applications", *Proceedings of International workshop of Information Technology, Control and Automation (ITCA-2012)*, Chennai, July 2012, India, Submitted.

35. Sachin S. Hiremath, Harshapriya Chatnalkar, Geetha D., "Data Reporting in Wireless Sensor Networks Using Dynamic Filtering Scheme", *Proceedings of International Conference on Computing and Control Engineering (ICCCE 2012)*, Chennai, India, April 2012.
36. Somesh B S, Aravinda H S "Survey of Pitch Detection Techniques" *Proceedings of National Conference on Recent Trends in Engineering*, Bangalore, India, Jan. 2012.
37. Mahesh Kumar T N, Raveendra Gudodagi, Aravinda H S "Robust DWT-SVD Domain Image Watermarking Embedding Data in All Frequencies" *Proceedings of National Conference on Recent Trends in Engineering* , Bangalore, India 2012.
38. Sree lakshmi, Prabhu Swamy " Recognition of handwritten Numerals" *Frontier of Computer Science and Technology*, Bengaluru, Feb 2012, pp. 245 – 250.
39. Shilpa V, Raji C, " Simulink-Based QAM Application For Image Processing", *Proceedings of First International Conference on Advances in Communication and Computing (ICACC-2012)*, Coimbatore, India, Jan. 2012.
40. Somesh B S, Purnima K, "New Paradigm of Engineering Education: A Conceptual Paper Based On Observation", *Proceedings of International Conference on Engineering Education Innovative Practices and Future Trends (AICERA 2012)*, Amal Jyothi college of Engineering, Kanjirappally, July, 2012.
41. M. R. Bharamgoudar, S. S. Manvi, "Cluster Based Data Aggregation In Under Water Acoustic Sensor Networks", Kochi, India, IEEE Indicon, 2012.
42. M. N. Birje, S. S. Manvi, Sajal Das, "Resource Pricing Strategy In Wireless Grid Using Non-Cooperative Bargaining Game", *IEEE International Conference on Parallel Distributed and Grid Computing (PDGC)*, Shimala, India, 2012.
43. Anup Patil, S. S. Manvi "Uboot Loader Transplantation", *Proceedings of ICCCE, Malaysia, 2012*.
44. V.R. Budhyal, S. S. Manvi, "Fuzzy Agent Based Qos Multicast Routing MANETs", *Advances in Mobile Network, Communications and Applications (MNCApps)* , Bangalore, India, 2012.
45. A. V. Sutagundar, S. S. Manvi, "Event Driven Dynamic Clustering And Data Aggregation In Wireless Sensor Networks", *ICECT 2012*, Kanyakumari, India, 2012.
46. Nandini Sidnal, S. S. Manvi, "BDI Agents For Bidding In English Auctions In Mobile E-Commerce", *International Conference on Information and Computer Networks*, Singapore, 2012.
47. M. B. Patil, R. C. Biradar, "A Survey On Routing Protocols In Wireless Sensor Networks", *IEEE International Conference On Networks (ICON 2012)*, Singapore, 2012.
48. Geeta D. D., Nalini N., R. C. Biradar, "Active Node Based Fault Tolerance In Wireless Sensor Networks", *IEEE INDICON, 2012*.

49. Praveen K., R. C. Biradar, "Adaptive Array Antennas In DS-CDMA Mobile Radio Systems", *International Conference on Computational Intelligence & Communication (ICCIC 2012)*, Chennai, 2012.
50. Venkatesh S., R. C. Biradar, "Security Issues And Challenges In Transport Layer Multimedia Wireless Networks", *Proceedings of International Computer Networks & Communications (CoNeCo-2012), India-ACM Proceedings*, Coimbatore, India, 2012.
51. Anusuya Yuvaraj, R. C. Biradar, "Scan Chain Testing For Latches To Reduce The Area And Power Consumption", *Proceedings of International Conference in Foundations of Computer Science & Technology (FCST-2012)*, pp. 453-459 Chennai, 2012.
52. B. P. Vijaya Kumar, Kusuma S. M., P. I. Basarkod, Veena K. N., "Distance Based Data Aggregation Efficiency In Wireless Sensor Networks", *International Conference on Computer Applications, Techno Forum Research and Development Centre*, Pondicherry pp 130-136, 2012.
53. M. V. Ramesh, P. L. Divya, R. V. Kulkarni, P. Rekha, "A Swarm Intelligence Based Distributed Localization Technique For Wireless Sensor Networks", *Proceedings of the International Conference on Advanced in Computing, Communications and Informatics*, Chennai, India, 2012.
54. M. V. Ramesh, P. L. Divya, R. V. Kulkarni, P. Rekha, "Performance Enhancement In Distributed Sensor Localization Using Swarm Intelligence", *Proceedings of the International Conference on Advances in Mobile Networks, Communication and its Applications (MNCApps)*, Bangalore, 2012.
55. S. N. Prasad, Usha A., "Design And Development Of Plc Based Coal Handling Plant For Industrial Applications", *International Conference in Industrial applications*, Jaipur, India, 2012.
56. Usha Desai, S. N. Prasad, M. K. Parasuram, "Voice Activity Detection (Vad) Algorithm For Mobile Communications", *National Conference*, MIT, Manipal, India, 2012.
57. Mr. S. N. Prasad, "Efficient Routing in Intermittently Connected Mobile Networks: The Multiple-Copy Case", *International Conference on Emerging trends and Technology*, NMAMIT, Nitte, India, 2012.
58. Manjula R. B., S. S. Manvi, "Cluster Based Data Aggregation In Underwater Acoustic Sensor Networks", *Proceedings of IEEE Innovations in social and humanitarian Engineering, (INDICON-12)*, Kochi, Kerala, 2012.
59. Manjula R. B., Deepa B. A., S. S. Manvi, Cyril Prasanna Raj P., "VLSI Implementation Of 128x32b Multimode Multiplier", *Conference on Evolutionary Trends in Information Technology (ICETIT 2012)*, Belgaum, India, 2012.
60. Manjula R. B., Deepa B. A., S. S. Manvi, Cyril Prasanna Raj P., "Design And Vlsi Implementation Of Multimode N-Bit Multiplier Supporting Aes Algorithm", *National Conference on Recent Advancements in Engineering (NCRAE-12)*, Panhala, Maharashtra, India, 2012.

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62. M. V. Ramesh, P. L. Divya, R. V. Kulkarni and P. Rekha, "Performance Enhancement in Distributed Sensor Localization using Swarm Intelligence," *Proceedings of the International Conference on Advances in Mobile Networks, Communication and its Applications (MNCApps)*, Bangalore, August, 2012.
63. Seetha Rama Raju Sanapala, "Tragic And Dangerous Fall Of Standards In Indian Education And The Immediate Steps To Resuscitate", *National conference on Indian higher education, Kristu Jayanti College*, Bangalore, 2012.
64. Anitha Kumari R. D. Narendra Reddy P. N., "Self Balancing Bridge Accelerometer With Closed Loop Digital Feedback", *International conference on VLSI & Signal Processing (ICVSP 2012)*, K.S.I.T, Bangalore, pp 119 - 123, 2012.
65. Shivashankar S., Anithakumari R. D., "Steganography using BPSC, LSB And DWT for embedding image", *National conference on Communication and Soft Computing (NCCSC-2012)*, K.S.I.T, Bangalore, 2012.
66. Nischitha G. C., Geetha D., R. C. Biradar, Nalini N., "Implementation of Resource-Efficient Multiplexer Using Verilog on FPGA", *Proceedings of International Workshop on Embedded Computing and Communication Systems (IWECC 2011)*, Coimbatore, India, Nov. 2011.
67. M. N. Birje, S. S. Manvi, Chetan Bulla, "Economical Job Scheduling in Wireless Grid", *Proceedings of 3rd Int. Conf. on Electronics Computer Technology*, Kanyakumari, India, 2011, pp. 461-465.
68. Nandini S. Sidnal and Sunilkumar. S. Manvi, "Cognitive Agent Based Identification of Relevant Auctions in Mobile E-commerce", *iBusiness*, 2011.
69. M. N. Birje, S. S. Manvi, "Multiagent Model for Device State Control in wireless grid", *Proceedings of 3rd Int. Conf. on Electronics Computer Technology (ICECT 2011)*, Kanyakumari, India, 2011, pp. 456-460.
70. Math, S.S., Manjula, R.B., Manvi, S.S., Kaunds, P., "Data Transactions On System-On-Chip Bus Using AXI4 Protocol," *Proceedings of International Conference on Recent Advancements in Electrical, Electronics and Control Engineering (ICONRAEeCE 2011)*, 15-17 Dec. 2011, pp. 423-427.
71. A.V. Sutagundar, S. S, Manvi, "Sink Driven Axes Based Data Aggregation In Wireless Sensor Network", *Proceedings of International Conference on Computer Applications in Industry and Engineering, (CAINE-2011)*, Hawaii, USA, , November 2011.
72. Arungiri, P. I. Basarkod, S. S. Manvi, "Standardization Of Field Firmware Upgrade For Profibus Devices", *Proceedings of National Conference on Computing Concepts in Current Trends (NC4T'11)*, Chennai, India, August 2011, pp. 432-434.

73. Nirmala L, Sunilkumar S. Manvi, "Implementation Of Internet Browsing On Set Top Box Using Arm-Linux" *Proceedings of International Conference on Advances in Recent Technologies in Communication and Computing 2011(ARTCom 2011)*, Bangalore, India, Sept. 2011, pp. 219-223.
74. V. R. Budyal, S. S. Manvi, S. G. Hiremath, "Unicast Quality of Service routing in Mobile Ad hoc Networks based on Neuro-fuzzy Agents", *Proceedings of Springer International Conference on Advances in Information Technology and Mobile Communication (AIM-11)*, Nagpur, India, April 2011, pp. 375-378.
75. K. Harish, V.V, H.S Arvinda "Development of 8-lane PCI-Express protocol using VHDL" *Proceedings of International Journal of Advanced Networking and Applications. IJANA*, Aug. 2011.
76. Prashanth.P, Prabhu Swamy.V "Architecture Of Adders Based On Speed, Area And Power Dissipation", *Proceedings of IEEE on World Congress on information and communication 2011(WICT 2011)*, Mumbai, India, Dec. 2011.
77. Vinod, Prabhu Swamy, "Multi Hop Relaying In WiMAX" *Proceedings of National Conference on Recent Trends and Advances in the field of Information Technology (NCIT2011)*, Karpagam University, 6th Sept. 2011.
78. Vinod, Sachin, Prabhu Swamy "Design of Digital Down Converter using Matlab modeling and FPGA Implementation", *Proceedings of International Conference on Information Communication and Embedded systems*, Feb 2011, pp. 76-82.
79. Pallaviram. Sure, Dr. B. Chandra Mohan, "On the performance of Linear and Decision Feedback Equalizers in IIR and reverberation environments" *Proceedings of EE Centenary Conference, Indian Institute of Science 2011 (CCEE 2011)*, Bangalore, India, Dec.14-17 2011, pp. 316-320.
80. Divya S Das, Raji C, "Simulink-Based FFT-IFFT Application on Image Processing" *Proceedings on International Conference on Information, Computing & Telecommunications (ICICT)*, Bangalore, India, Dec. 2011, pp. 125-128.
81. Shilpa V, Raji C, "An Ultra Low energy capacitive DAC array switching scheme for SAR ADC" *Proceedings of National Conference on Convergent Innovative Technologies and Management (CITAM-2011)*, Bangalore, India, Dec. 2011, pp. 41.
82. Smita Ratan, Raji C, "Simulink based QPSK Modulation and Demodulation Application on Audio Processing", *Proceedings of National Conference on Convergent Innovative Technologies and Management (CITAM-2011)*, Bangalore, India, Dec. 2011, pp. 63.
83. Neethu K N, Raji C, "Implementation Of Fast Multiplier Using Counter" *Proceedings of National Conference on Convergent Innovative Technologies and Management (CITAM-2011)*, Bangalore, India, Dec. 2011, pp. 42.
84. Manjula K, Prathibha S, Raji C, "A 0.1-2 GHz Low Power Folded RF Front-End with Merged LNA and Mixer for Software Defined Radio Applications", *Proceedings of National Conference on Convergent Innovative Technologies and Management (CITAM-2011)*, Bangalore, India, Dec. 2011, pp. 34.

- 85.** M. S. Kakkasageri, S. S. Manvi, "Safety Information Aggregation In VANETS Using Vehicle Beliefs", *Proceedings of International Symposium on Advanced Networks and Telecommunication Systems (ANTS)*, Bangalore, India, December 19-21, 2011.
- 86.** S. S. Manvi, M. S. Kakkasageri, "Artificial Neural Network Based Misuse Detection In MANETs", *Proc. International Conference on VLSI, Communication and Instrumentation (ICVCI'11)*, Saintgits College of Engineering, Kottayam, Kerala, April, 2011.
- 87.** M. S. Kakkasageri, S. S. Manvi, "Safety Information Gathering And Dissemination In Vehicular Ad Hoc Networks: Cognitive Agent Based Approach", *Proc. First International Conference on Computer Science and Information Technology, (CCIT 2011)*, Bangalore, India, January 2-4, 2011, pp. 254-264.
- 88.** Rajashekhar C. Biradar, Sunilkumar S. Manvi, "Multicast Routing In Manet Using Multiple Reliable Rings Backbone" *Proceedings of International Conference on Advances in Recent Technologies in Communication and Computing 2011(ARTCom 2011)*, Bangalore, India, Sept. 2011, pp. 56-61.
- 89.** Anusuya Yuvaraj, R. C. Biradar, Geeta D. D, S. S. Manvi,. "Performance Analysis Of Radar Cross Section For Simpler Bodies Coated With Lossy Materials" *Proceedings of International Conference on Advances in Recent Technologies in Communication and Computing 2011(ARTCom 2011)*, Bangalore, India, Sept. 2011, pp. 265-268.
- 90.** R. C. Biradar, S. S. Manvi, "Reliable Neighbor Based Multipath Multicast Routing In MANETs", *International Conference on Computer Science and Information Technology (CCSIT)*, Bangalore, India, Jan. 2-4 2011, pp. 37-42.

