

**PG Student Publications 2011-12:**

1. Anup Patil “ **Remote Saline Monitoring using Wireless Sensor Network**”, National Conference on recent trends and advances in the field of information technology (NCIT 2011), Coimbatore, India, Sept 6, 2011.
2. Anup Patil “**Framework of transplanting the customized U-boot Boot loader to the low power board based on MPC8640 processor**”, International Conference on Computing and Control Engineering (ICCCE 2012) Chennai, India, April 12-13, 2012.
3. Sachin S Hiremath “**Home Automation Using Arm7**”, National Conference on recent trends and advances in the field of information technology (NCIT-2011), Coimbatore, India, Sept 6, 2011.
4. Sachin S Hiremath “**Design & FPGA Implementation of Digital down Converter**”, International conference on Information Communication and Embedded Systems (ICICES -2012), S.A Engineering College Chennai, India, 24th and 25th February 2012.
5. Sachin S Hiremath “**Data Reporting In Wireless Sensor Networks Using Dynamic Filtering Scheme**”, ICCCE2012, Dr MGR Educational & Research Institute University, Chennai, India, 2012.
6. Umeshbabu Pillegowda “**Signal Extraction from Microarray Images for Gene Array Analysis**”, National Conference on recent trends and advances in the field of information technology (NCIT 2011), Coimbatore, India, Sept 6, 2011.
7. Umeshbabu Pillegowda “**Implementing Encryption and Decryption of AES Algorithm on a single FPGA Device**”, International Conference on Data Engineering & Communication Systems (ICDECS 2011),RNSIT College of Engineering, Bangalore, India, December 30-31 2011.
8. Bharath “**A Multi ROI Based Medical Image Compression**”, International Conference on Data Engineering & Communication Systems (ICDECS 2011),RNSIT College of Engineering, Bangalore, India, December 30-31, 2011.
9. Vinod M S “**Multi hop relaying in WiMax**”, National Conference on recent trends and advances in the field of information technology (NCIT 2011), Coimbatore, India, Sept 6, 2011.
10. Vinod M S “**Design of Digital Down Converter using MATLAB and FPGA Implementation**”, International conference on Information Communication and Embedded Systems (ICICES -2012), S.A Engineering College, Chennai, India, 24th and 25th February 2012.
11. Sudarshan Adeppa “**An Efficient Key Reuse Management Scheme For Secure Data Access Control in Wireless Broadcast Services**”, National Conference on recent trends and advances in the field of information technology (NCIT 2011), Coimbatore, India, Sept 6, 2011.

12. Sudarshan Adeppa "**Secure Communication Using Authenticated Group Key Transfer Protocol in Wireless Networks**", International Conference on Computing and Control Engineering (ICCCE 2012), Chennai, India, April 12 & 13, 2012.
13. Sudarshan Adeppa "**Cryptographic Trust-Based Methods For MANET Routing Security**", International Conference on Electronics & Communication Engineering (ICECE 2012), Sri Lakshmi Ammal Engineering College, Chennai, India, Jan.2012.
14. Soumya K N "**A Business Model for Cloud computing Based on Separate Encryption and Decryption services**", National Conference on recent trends and advances in the field of information technology (NCIT 2011), Coimbatore, India, Sept 6, 2011.
15. Soumya K N "**Wireless Sensor Network Enabled – Nanotechnology From A Device Prespective**", International Conference On Nanoscience, Engineering And Technology (ICONSET-2011), Chennai, India, 28- 30 November 2011.
16. Rajashri Manakwad "**Advanced Secured System**", National Conference on recent trends and advances in the field of information technology (NCIT 2011), Coimbatore, India, Sept 6, 2011.
17. Rajashri Manakwad "**Secured Data Access control in Cloud Computing**", National Conference on recent trends and advances in the field of information technology (NCIT 2011), Coimbatore, India, Sept 6, 2011.
18. Rajashri Manakwad "**Secured Data Access control in Cloud Computing**", International Conference on Data Engineering & Communication Systems (ICDECS 2011) at RNSIT College of Engineering, Bangalore, India, December 30-31, 2011.
19. Rajashri Manakwad "**Secure Keying in Peer Network Using Shamir's Secret Sharing Technique**", International Conference on Computing and Control Engineering (ICCCE 2012) Chennai, India, April 12 - 13, 2012.
20. R. Vaishak, "**Geostationary Satellite Image Navigation using transformation Techniques**", REVAMP, Bangalore, India, 2011.
21. G. Karthik Kumar Reddy, "**latitude-longitude determination from the image and the converse is Navbelt and Guidedcane**", REVAMP, Bangalore, India, 2011.
22. Anusuya Yuvaraj, Rajasekar biradar, S.S. Manvi, Geetha D, "Performance analysis of RADAR Cross section for simple bodies coated with lossy material", Proceedings of International conference on Advancements in recent technologies in communication and computing-2011, REVA ITM.
23. Rashmi Priyadarshini, "Design and development of 8 bit Dadda Multiplier for Low power Application", Proceedings of national conference on Convergent innovative technologies and management, Dec 2011, Bengaluru.
24. Rashmi Priyadarshini, "**Design and Implementation of Hamming Encoder and Decoder using Verilog**", 2nd National level technical student paper presentation, SJBIT, Bengaluru, Oct-2011.
25. Manjula.K "**Verilog Implementation of image compression using DCT and Introduction to other coding techniques for Image Compression**", Proceedings of National Conference on Emerging Trends in Information Technology and Mathematics 2011(ETITM- 2011), Bangalore, India, Nov. 2011, pp. 16-17.
26. Neethu K, "**Implementation of Fast Multiplier Using Counter**", Proceedings of National Conference on Convergent Innovative Technologies & Management 2011(CITAM 2011), Bangalore, India, Dec. 2011

27. Suma N, Veda Sandeep Nagaraja, S.L.Pinjare, Neethu K.N, **“Design and Characterization of MEMS Thermal Actuator”**, Proceedings of International Conference on Devices, Circuits and Systems 2012(ICDCS'12), Karunya University, Coimbatore, Tamilnadu, India, March 2012.
28. Sowmya.J, **“Review of Onboard Communication Interface Protocols”**, National Conference on Convergent Innovative Technologies & Management. Cambridge Institute of Technology, 2 -3rd December, 2011.
29. Sree lakshmi, **“Preprocessing for handwritten numerals”**, Journal of Innovation in Electronic and Communication, Vol. 2, No., pp. 296 – 298.
30. Sree lakshmi, **“Recognition of handwritten Numerals”**, Frontier of Computer Science and Technology - 2012, pp. 245 – 250.
31. Prashanth.P, **“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.
32. Kusuma M, **“Computing the Distance between two points using Euclidean distance function in an image processing application”**, Proceedings of Conference in T. John College NACCET12, Bangalore, India, March 2012. Accepted.
33. Himabindu, **“CMOS VLSI Technologies and Challenges in RF Application”**, National Conference on Emerging Trends in Information technology & Mathematics, Bangalore, India, Nov. 2011.
34. Divya S Das, **“Simulink-Based FFT-IFFT Application on Image Processing”**, Proceedings on International Conference on Information, Computing And Telecommunications(ICICT), Bangalore,India, Dec. 2011,pp.56.
35. Shilpa V, **“Simulink-Based QAM Application For Image Processing”**, First International Conference on Advances in Communication and Computing(ICACC-2012), Coimbatore, India, Jan. 2012,pp.56.
36. Shilpa V, **“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.
37. Neethu K N, **“Implementation Of Fast Multiplier Using Counter”**, Proceedings of National Conference on Convergent Innovative Technologies and Management (CITAM-2011),Bangalore, India, Dec. 2011,pp. 42.
38. Smita Ratan, **“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.
39. Manjula K, Prathibha S, **“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.
40. Dharini. S, **“Design and Implementation of Advanced Micro Controller Bus Architecture (AMBA) – AHB Compliant Memory Controller”**, Proceedings of National Conference on Emerging Trends In Electronics, Instrumentation, Automation And Control 2012 (ETEIAC-12), Coimbatore, India, Mar. 2012, pp. 110-114.
41. Susham, **“Area efficient Digital FIR filter”**, Tech Vidya, Bangalore, India, 03/2012.

42. Rajasekaran J, “**New resolution enhancement technique based on the interpolation of HF subband images by DWT**”, LSI India Annual Technical Conference, Bangalore, India, March ,2012.
43. Chandrashekhara BG, “**Design of Low Power ASK CMOS Demodulator Circuits for passive UHF Tag**”, 4th International conference on Future Networks (ICFN 2012), Saptagiri College of Engineering. Bangalore.
44. Harish. K, Mr Vinod M.S, “**Software Diagnosis for Multi-core Embedded System**”, International Conference on information communication and embedded systems, ICICES-2012.
45. Kanchan M. Pawar, “**Implementation of Addressable ROM**”, International conference on Computer vision and robotic (ICCVR), IRNET, Bhubaneswar.
46. Sree lakshmi K, “**Preprocessing for handwritten numerals**”, Conference on recent trends in Communication and Signal Processing Techniques(SANKETA-2012), SVU College of Engineering, Tirupati.
47. Prathibha, “**Computational cognitive neuroscience methods for guided reinforcement learning**”, International conference on devices circuits and systems (ICDCS-2012) Coimbatore, Tamilnadu.
48. Kusuma, “**Face recognition by using lab view**”, National level Technical symposium, E-QUEST-11, KIT, Tiptur.
49. Shashiraj K, Basavaraj P M, “**Wireless sensor network based automatic irrigation control system**”, National level Technical symposium, E-QUEST-11, KIT, Tiptur.
50. Rashmi H.K, “**Black box for vehicles diagnostic using ARM-7**”, Conference on recent trends in communication and signal processing techniques (SANKETA-2012), SVU College of Engineering, Tirupati.
51. Afshana Anjum, “**Design and implementation of Arbitrary counter using DSCH**”, Conference on recent trends in communication and signal processing techniques (SANKETA-2012), SVU College of Engineering, Tirupati.
52. Shwetha N A, Sowmya J., “**Analysis of Different ESD Test Models**”, National conference (CITAM-11) , CITECH, Bangalore.
53. V. Ramya, “**Implementation of fast multiplier using counter**”, International conference on devices circuits and systems (ICDCS-2012)(Communicated).
54. Rajeshawari S M, “**Low power architecture design of Dblocking filter in H.264/AVC**”, International conference on devices circuits and systems (ICDCS-2012).(Communicated)
55. Rini Supriya, “**A review of Channelization techniques for software defined radio**”, International Conference on Devices Circuits and Systems (ICDCS-2012). (Communicated)
56. Smitha Patil, “**Implementation of Synthesizable AMBA AXI Protocol checker**”, ICACSEE-2012(Accepted).
57. Shwetha, “**Review on android as open source**”, National conference on Convergent Innovative technologies and management (CITM-2011)
58. Chetana, “**Digitization method in detector for DSP based Application**”, National conference on Convergent Innovative technologies and management (CITM-2011)
59. Rajesh, “**Single Precision implementation of Floating point Multiplier based on FPGA**”, International Conference on Electronic and Communication IRNet-2012.

60. Hemanth, “**Design of wireless sensor network and monitoring based on zigbee, OMAP 3530 and QT**”, International Conference on Electronic and Communication IRNet-2012.
61. Ramya V, “**Design and Development of Booth Multiplier**”, International Conference on Electronics and Communication engineering (ECE-2012), Pune.
62. Chandrashekhara B.G., Aravind R, “**Design and Verification of image scaler engine based on nearest neighbour algorithm**”, International Conference On Electronics and Communication Engineering (ICECE - 2012)..
63. Dharini Srinivasan, ”**Design and Implementation of Advanced Micro Controller Bus Architecture (AMBA) – AHB Compliant Memory Controller**”, Proceedings of National Conference on Emerging Trends In Electronics, Instrumentation, Automation And Control 2012 (ETEIAC-12), Coimbatore, India, Mar. 2012, pp. 110-114..
64. Dharini Srinivasan, “**Advanced Microcontroller Bus Architecture (AMBA)- AHB Compliant Memory Controller** ”,National Conference on Emerging Trends in Communication, VLSI, Image processing-2012.
65. Rashmi Priyadarshini, “**Design and Implementation of FIR filter using system generator**”, International Conference

