Dr. Mahalingam College of Engineering and Technology

Department of EEE

National Conference Publications

1. Ms.K.Saranya, ASIC Design and Implementation of ET RBCD Adder, National Conference on smart computing and Advanced Communication, March 2020.

2. Mr. D. Gnanaprakasam., Buck Boost control of four quadrant chopper using symmetrical impedance., National Conference on smart computing and Advanced Communication,March 2020.

3. K. N. Vijeyakumar, M.Sangeetha, "Comparison of High Performance Arithmetic Units in CMOS Technology, Third National Conference on Communication, Computing and nNtworks, Bannari Amman Institute of Technology, Sathyamangalam, 11-12 March 2016

4. K.Saranya J.S.Shiny, "Comparison of high performance Radix- X decimal multipliers, Third National Conference on Communication, Computing and nNtworks, Bannari Amman Institute of Technology, Sathyamangalam, 11-12 March 2016

5. K.N.Vijeya Kumar, K.Saranya, " Performance comparison of reversible data path elements", Third National Conference on Communication, Computing and nNtworks, Bannari Amman Institute of Technology, Sathyamangalam, 11-12 March 2016

6. R.Divya, "Comparison of high speed adders in CMOS technology", Third National Conference on Communication, Computing and Ntworks, Bannari Amman Institute of Technology, Sathyamangalam, 11-12 March 2016

7. M.Sangeetha, "Performance comparison of analog to digital converter in 180nm technology, Third National Conference on Communication, Computing and Networks, Bannari Amman Institute of Technology, Sathyamangalam, 11-12 March 2016

8. Dr.A. Senthilkumar, "An Effective Data Communication using IEEE 802.15.4 for Wireless Sensor Network", National Conference on Instrumentation Systems, Measurements and Automation, Dr. Mahalingam College of Engineering and Technology, Pollachi, 7-8, Jan 2016

9. Krishnaveni N., "Performance Enhancement of Boost Converter by Modified particle Swarm Optimization", Christ King College of Engineering, Coimbatore, March 2015.

10. Vijeyakumar K N., "FPGA Implementation of low power Architecture for adaptive noise cancellation", Second National Conference on Communication, Computing & Networks-NCCCN-2015, Bannari Amman Institute of Technology, Sathyamangalam, Feb 2015.

11. Senthilkumar A., "An efficient image compression and decompression algorithm for digital image using single pixel imaging", Second National Conference on Communication,

Computing & Networks- NCCCN-2015, Bannari Amman Institute of Technology, Sathyamangalam, Feb 2015.

12. Senthilkumar A., "Design of high speed area efficient decimal adder for vedic algorithm implementation", National conference on recent trends in electrical and electronics engineering, PSG College of Technology, Coimbatore, 9th may 2014.

13. Sakthivel A., "Fuzzy Tuned PI Controller for Shunt Active Power Filter", National Conference on Emerging Trends in Electronics, Instrumentation and Control, Valliammai Engineering College, Kattankulathur, May 2014.

14. Sakthivel A., "Genetic Algorithm Based Tuning of PID and Fuzzy controller for first order plus dead time systems", National Conference on Efficient Power Generation and Conversion "Efficient Electrical Systems, KSR College of Technology, Thiruchengode, March 2014.

15. Sakthivel A., "Predictive Current Control Strategy for Voltage Source Inverter", National Conference Recent Trends in Industrial Automation, Dr. Mahalingam College of Engineering and Technology, pollachi, March 2014.

16. Gopalakrishnan T., "Image Encryption Based on Multiple Choatic Maps", National Conference on Computational and Internetworking Information Technology (NCCIIT 2014), Anna University, Coimbatore, March 2014.

17. Gopalakrishnan T., "An Image Encryption- Compression Algorithm based Hyper-Choas and Number Theory", National Conference on Recent Trends in Communication Computation and Signal Processing (RTCSP 2014), Amrita School of Engineering , Coimbatore, Feb 2014.

18. Amudha J., "A performance comparison of existing deblurring algorithms for digital images", Fifth national conference on Recent Trends in Communication, Computation and signal Processing (RTCSP-2014), Amrita School of Engineering published in ELECTRON, Vol 5,Issue 1,pp.93-96., Feb 2014.

19. Gopalakrishnan T., "A secured water marking techniques for JPEG images on compressed encrypted domain, Sixth national conference on RTICT, Bannariamman institute of technology, April 2013.

20. Gopalakrishnan T., "Efficient compression and reconstruction for encrypted grey scale image using compressive sensing technique", Sixth national conference on RTICT, Bannariamman Institute of Technology, Sathyamangalam, April 2012.

21. Lakshminarayanan V., "Analysis and calculation for the design of the ferrite core transformer for high voltage", National conference on advances in electrical sciences, Kathir college of Engineering and Technology, April 2012.

22. Lakshminarayanan V., "Study of pulsed high voltage source for ozone generation", 3rd national conference on industrial technology, Bannariamman Institute of Technology, Sathyamangalam, March 2012.

23. Parimala V., "Harmonic Reduction Using Hybrid Power Filter", National conference, NCIT'12, Bannariamman Institute of Technology, Sathyamangalam, March 2012.

24. Parimala V., "Memory Efficient Pattern-Matching Technique", National conference, NCIT'12, Bannariamman Institute of Technology, Sathyamangalam, March 2012.

25. Parimala V., "High performance filtering engine for efficient pattern matching", 1st national conference on innovation in signal processing, embedded systems &communication technology.(SPECT'12), Kumaraguru college of Technology, Coimbatore, March 2012.

26. Nandhakumar A.," "Hand held device for improving point of sales(DOS)", NCIT 2012, Bannariamman Institute of Technology, Sathyamangalam, March 2012.

27. Senthilkumar A. "Real time passenger recognizing intelligent public transportation system", National conference NCAES'12, SNS College of Engineering, Coimbatore, Feb 2012.

28. Chitra L., "Converter comparative study of zero voltage switching dc-dc", National Conference on Signals, Systems and Security (NCSSS 12), Bannari amman Institute of Technology, Sathyamangalam, February 2012.

29. Sakthivel A., "Energy Audit in an Educational Institution", National conference on Recent Trends in Electrical Systems, Sri Ramakrishna Engineering College,Coimbatore,April 2011.

30. Sakthivel A., "Control Algorithm for SAPF Using Instantaneous Reactive Power Theory", National conference on -"Recent Trends in Electrical Systems, Sri Ramakrishna Engineering College, Coimbatore,April 2011.

31. Sakthivel A., " Color Image Enhancement and Denoising Algorithm Based on Wavelet Transform", Fourth National conference on - Recent Trends in Information and Communication Technology, Bannari amman Institute of Technology, Sathyamangalam, April 2011.

32. Sakthivel A., "The Shunt Active Power Filter Based on Synchronous Reference Frame Theory", Sixth National conference on Cutting Edge Technologies in Power Conversion and Industrial Drives, Bannari amman Institute of Technology, Sathyamangalam, March 2011.

33. Chitra L., "Half Bridge series Resonant Inverter for Induction Heating Applications", NCETIS 2011, Sri Ramakrishna Engineering College, Coimbatore, March 2011.

34. Senthilkumar A. "Design of a portable lifesaving system for Fisherman using GPS", National conference on Industrial technology (NCIT'12), Bannariamman Institute of Technology, Sathyamangalam, March 2011.

35. Gopalakrishnan T., "A STATCOM-Control scheme for Grid connected Wind Energy system for PQ improvement", NCRTE, Sri Ramakrishna Engineering College, Coimbatore, April 2011.

36. Gopalakrishnan T., "Embedded Network security system using Rabbit Processor", NCIT'11, Bannariamman Institute of Technology, Sathyamangalam, March 2011.

37. Gopalakrishnan T., "Image fusion based on Wavelet and Curvelet Transform", NCIT'11, Bannari amman Institute of Technology, Sathyamangalam, March 2011.

38. Gopalakrishnan T., "Automatic Segmentation of Cardiac Images using algorithmic Procedure", NCIT'11, Bannari amman Institute of Technology, Sathyamangalam, March 2011.

39. Amudha J., "Automation in Textile loom using Digital Signal Processor", CSIR sponsored First National conference on Recent Advances in Power Electronics & Industrial Drives PEID-2011, Bannari Amman Institute of Technology, Sathyamanagalam, March 2011.

40. Amudha J., "Wavelet based Multilevel Image Restoration", First National conference on Recent Advances in Power Electronics & Industrial Drives PEID-2011, Info Institute of Technology, Coimbatore, March 2011.

41. Amudha J., "Automation in Textile loom using Digital Signal Processor", CSIR sponsored First National conference on Recent Advances in Power Electronics & Industrial Drives PEID-2011, Bannari Amman Institute of Technology, Sathyamanagalam, March 2011.

42. Amudha J., "Wavelet based Multilevel Image Restoration", First National conference on Recent Advances in Power Electronics & Industrial Drives PEID-2011, Info Institute of Technology, Coimbatore, March 2011.

43. Lakshminarayanan V., "Algorithm based approach for glaucoma diagnosis in Argali", II National Conference on Industrial Tech-2011, Bannari amman Institute of Technology, Sathyamangalam, March 2011.

44. Lakshminarayanan V., "Enhancement of Energy Yield for Ozone production using PIC Microcontroller", ", II National Conference on Industrial Tech-2011, Bannari amman Institute of Technology, Sathyamangalam, March 2011.

45. Parimala V., "Efficacy of Traction Unit for Treating Back Pain", National Conference on Innovative Technologies in Electrical and Electronics Systems-ITEES'11, Muthayammal Engineering College, Rasipuram, March 2011.

46. Nandhakumar A.,"A Novel low power sequential element and its application", NCEIS 2011, Govt college of Technology, March 2011.

47. Sakthivel A., "A Comparative Analysis of Three Phase Active Power Filter," - Electrical Sciences and Technology Innovations'10", Second National Conference on electrical sciences and technology innovations'10, Dr.Mahalingam College of Engineering and Technology, Pollachi, April 2010.

48. Sakthivel A., "Complex Wavelets of S-Transform in Quality of Electrical Power," - Electrical Sciences and Technology Innovations'10" National Conference, Dr.Mahalingam College of Engineering and Technology, Pollachi, April 2010.

49. Sakthivel A., "Mainstreaming Green Energy", National Conference, MNRE, ASSOCHAM, MCCI., Hotel GRT Grand, Chennai, April 2010.

50. Sakthivel A., "Comparision of Time Frequency Transforms in Power Quality Analysis" - Electrical and instrumentation Systems", Third National Conference on electrical and Instrumentation systems, Government college of Technology, Coimbatore, March 2010.

51. Sakthivel A., "Review in Detection of Power Quality Disturbances using Soft Coumputing", Fifth National Conference on Cutting edge technologies ibn power conversion and industrial drives, Bannariamman Institute of Technology, Sathyamangalam, March 2010.

52. Sakthivel A., "Design and Simulation of A Single Phase Shunt Active Power Filter" - Innovations in Electrical, Electronics and Control Systems", National Conference on Electrical sciences and technology innovations'10, Kumaraguru College of Technology, Coimbatore, March 2010.

53. Gopalakrishnan T., "A Signal processing Approach to reduce motion blur in LCD's by deconvolution", National conference IEECONS-2010, Kumaraguru College of Technology, Coimbatore, March 2010.

54. Gopalakrishnan T., "Total variation–Based Image Deconvolution for LCD motion blur reduction", National conference on Electrical Sciences and Technology Innovations-NEST-i'10. April 2010.Amudha J., "A three phase reduced switch Buck type converter", National Conference on Control and Power Engineering-CAPECON2010, Hindusthan College of Engg& Tech, Coimbatore, March 2010.

55. Amudha J., "Reduced Memory low Power Duo-Binary Decoder", National Conference on Innovations in Instrumentation and Intelligent Technologies, SengunatharEngg College , Erode, March 2010.

56. Amudha J., "Three phase high power factor buck type converter", National conference, innovative technique in power engg& drives (ITPED), Velammal Engineering college, Chennai, February 2010.

57. Chitra L., "Hybrid Regenerative Power System Employing Uninterruptable Power Supply", CAPECON 2010, Hindusthan College of Engg& Tech, Coimbatore, March 2010.

58. Chitra L., "A Discrete Dimming Ballast for Fluorescent Lamp", National Conference on Modern Trends in Automobile Engineering-2015, KLN college of Engg,Madurai, March 2010.

59. Chitra L., "Implementation of Microcontroller based plasma display panel", COMMV 2009, VIT University,Vellore, Oct 2009.