

Dr. Mahalingam College of Engineering and Technology
Department of EEE

International Conference Publications

1. Ms.K.Durgalakshmi, A review on multilevel inverter topologies with reduced switch components for renewable energy application, AICTE, NABARD and BAI Sponsored international conference on smart technologies and Applications 2022 - ICSTA 2022, Ramco Institute of Technology, 11/03/2022 & 12/03/2022.
2. Mr.D.Gnanaprakasam, A review on multilevel inverter topologies with reduced switch components for renewable energy application, AICTE, NABARD and BAI Sponsored international conference on smart technologies and Applications 2022 - ICSTA 2022, Ramco Institute of Technology, 11/03/2022 & 12/03/2022.
3. Mr.J.Senthil Kumar, Intelligent Vehicular traffic Signal Control for Vehicular Ad-hoc Network, International Conference on Communication and Computing Technologies for sustainable Development (ICCCTSD-2022), Sri Krishna College of Technology, 25.02.2022.
4. Dr.B.Kishore, Energy Management System using Binary Particle Swarm Optimization Technique, 5th International Conference on Innovative design, Analysis & Development Practices in Aerospace and Automotive Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, 24th Feb 2022.
5. Dr.B.Kishore, Review of Current Strategies for Path Guidance and Obstacle Avoidance in Autonomous Vehicle, Second International Conference on Materials and Technologies, National Institute of Technology Raipur, 28/01/2022 & 29/01//2022.
6. Dr.B.Kishore, Design of an IoT-based autonomous vehicle accident detection and rescue system, 3rd International Conference On Engineering Facilities Maintenance And Management Technologies EFM2T'21, Botswana International University of Science & Technology, Botswana, 28&29 December 2021.
7. Dr.A.Senthilkumar & L.Chitra., Energy Conservation Measures In Coir Industry-A Case Study, 3rd International Conference on Renewable Energy and Sustainable development, Dr.MCET., 12 to 14 December 2019.
8. Dr.J.Amudha & Dr. B.Vinothkumar, Photo Voltaic Powered Sailing Boat, 3rd International Conference on Renewable Energy and Sustainable development, Dr.MCET., 12 to 14 December 2019.
9. Dr.J.Amudha & Dr.B.Vinothkumar, Automatic detection and monitoring of water impurities in smart city., 3rd International Conference on Renewable Energy and Sustainable development, Dr.MCET., 12 to 14 December 2019.
10. Dr.A.Senthilkumar "Tracking Global Operating Point based on modified firefly Algorithm for Photovoltaic system operation under partial shaded conditions", 5th International Conference on Advances in Energy Research- 2015, Indian Institute of Technology, Mumbai, 15-17 Dec 2015
11. Sakthivel A., Gnanaprakasam D., "Cuckoo Search: A Meta heuristic Approach for Selective Harmonic Elimination PWM in Multilevel Inverters", International conference on research and development in information and communication technology (ICRDICT-2015), EGS Pillay Engineering College, Nagapattinam, May 2015.

12. Sakthivel A., "Performance Assessment of Fuzzy logic Controller for Shunt Active Power Filter", International conference on innovative research in electrical sciences (ICIRES'15), V.P. Muthiahpillai Meenakshi Ammal Engineering College For Women, Srivilliputhur, May 2015.
13. Amudha J., "Image denoising and quality measurement using wavelet thresholding", International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai, April 2015.
14. Baby JanagamR., "Performance Analysis of Fractional- Order Controller for First Order System With Dead Time", International Conference on Intelligent Engineering System, EASA College of Engineering and Technology, Coimbatore, April 2014.
15. Nandhakumar A., "Efficient Area and Error Compensated JPEG2000", International Conference on Intelligent Engineering Systems, EASA College of Engineering and Technology, Coimbatore, April 2014.
16. Nandhakumar A., "Comparative Analysis of Intra-Prediction and motion Estimation Algorithms in H.264/ A VC", International Conference on innovations in Information, Embedded and Communication systems, Karpagam College of Engineering, Coimbatore, March 2014.
17. Chitra L., "Review of Grid Connected Inverter for Renewable Energy Applications", International Conference on Emerging Technology, Pavai Engineering College, Namakkal, March 2014.
18. Lakshminarayanan V., "Review on the Controller Design for the Cascade System with Level and Flow Process" International Conference on Innovations in Information Embedded and Communication systems, Karpagam College of Engineering, March 2014.
19. Amudha J., "Performance Comparison of Existing Algorithms Used for the Removal of Impulse Noise", International Conference on Innovations in Information, Embedded systems and Communication", Karpagam College of Engineering, March 2014.
20. Gopalakrishnan T., "An Image Encryption using Chaotic Permutation and Diffusion", International Conference on Recent Trends in Information Technology, MIT Campus, Anna University, Chennai, April 2014.
21. Gopalakrishnan T., "Image Encryption using Choas and Parity based Pixel Modification in Permutation", International Conference on simulations in computing nexus, Coimbatore Institute of Engineering and Technology, Coimbatore, March 2014.
22. Senthil Kumar A., "Smith predictoe Compensator for Large Dead Time Process", International conference on Intelligent Engineering System, EASA College of Engineering and Technology, Coimbatore, April 2014.
23. Senthil Kumar A., "Simulation of Three Phase Vienna Rectifier for Low Speed Wind System", International conference on Intelligent Engineering System, EASA College of Engineering and Technology, Coimbatore, April 2014.
24. Sakthivel A., Senthil Kumar A., "Performance Analysis of Model Predictive Control for Voltage Source Inverter", IEEE International conference on Green Computing, Communication and Electrical Engineering, Dr. N. G. P Institute of Technology, Coimbatore, 6-8 Mar 2014.
25. Senthil Kumar A., "Non-Invasive Blood Glucose Measurement using Laser optic Technique", International Postgraduate Research Conference 2013, Karpagam University, Coimbatore, Feb 2013.
26. Senthil Kumar A., Logeswaran T., " A Review of Maximum Power Point Tracking Algorithms for Photovoltaic Systems under Uniform and Non- Uniform irradiances", International Conference on Advances in Energy Reasearch, Department of Energy Science and Engineering, IITB, Mumbai, Dec 2013.

27. Chitra L., "Model of multi input boost converter for renewable energy system using matlab/Simulink", International Journal of Scientific & Engineering Research, ISSN 2229-5518, Mar 2013.
28. Amudha J., "Image Registration using Blur Invariants in Wavelet Domain", Proceedings of International Conference, Innovations in Intelligent Instrumentation Optimization and Signal Processing, pp.408-411, Mar 2013.
29. Amudha J., "Image Restoration from Uniform Motion Blur in Poissonian", Proceedings of International Conference, Innovations in Intelligent Instrumentation Optimization and Signal Processing, pp.419-422, Mar 2013.
30. Nandhakumar A., "A Comparative study of low power CAM match -line sense amplifier designs", International conference on innovations in intelligent, instrumentation, optimization and signal processing, Karunya university, Mar 2013.
31. Nandhakumar A., "A Comparative analysis of base band physical layer transceiver IC for WBAN", International conference on innovations in intelligent, instrumentation, optimization and signal processing, Karunya university, Mar 2013.
32. Gopalakrishnan V., "Image encryption and compression using scalable coding techniques", International conference on intelligent instrumentation, optimization and signal processing, Karunya university, Coimbatore, Mar 2013.
33. Gopalakrishnan V., "A New chaotic image encryption scheme using random permutation and logistic map", International conference on Bio-signals, images nad instrumentation, SSN College of Engineering, Chennai, March 2013.
34. Gopalakrishnan V., "A Random permutation based chaotic image encryption", International conference on cloud and big data analysis, PSG college of Tech, Coimbatore, Feb 2013.
35. Sakthivel A., "Fuzzy controlled shunt active power filters for line harmonic migration", International conference on advances in control system and electrical engineering, Hotel pride, Chennai, Feb 2013.
36. Sakthivel A., "Simulation and design of SRF based control algorithm for three phase shunt active power filter", International conference on advances in control system and electrical engineering, ACEEE, Page 39-42, Hotel pride, Chennai, Feb 2013.
37. Senthil Kumar A., Kavitha S., "Non-Invasive Blood Glucose Measurement using Laser optic Technique", International Postgraduate Research Conference 2013, Karpagam University, Coimbatore, Feb 2013.
38. Krishnaveni N., "Fuzzy controlled shunt active power filters for line harmonic migration", International conference on advances in control system and electrical engineering, 03LSCS.2013.1.520, Hotel pride, Chennai, Feb 2013.
39. Lakshminarayanan V., "Analyze of Ozone generation with effect of voltage, frequency, (temperature & flow rate) using Corona discharge", International conference on computer and control engineering (ICCC), Dr, M.G.R University, Chennai, Apr 2012.
40. Amudha J., "A survey on Digital Image Restoration", International Conference on Modeling, Optimization and Computing (ICMOC - 2012) Published in Proceedia Engineering, Vol.38, 2378 - 2382, Noorul Islam Centre for Higher Education, Nagarkoil, Apr 2012.
41. Amudha J., "A WAVELETREE Compressive Sensing Approach For Image Restoration", International Conference on Computational Intelligence and its Applications (ICCIA 2012), Vivekanandha Institute Of Engineering And Technology For Women, Thiruchengode, Mar 2012.
42. Amudha J., "Sparse Representation Based Image Deblurring and Super Resolution", IEEE-International Conference On Advances In Engineering, Science And Management

(ICAESM -2012), ISBN: 978-81-909042-2-3, EGS Pillay Engineering College, Nagapattinam, Mar 2012.

43. Senthil Kumar A., Ragupathy U. S., "Investigation On Mammographic Image Compression And Analysis Using Multiwavelets And Neural Network", 2012 International Conference on Biomedical Engineering (ICoBE), University of Malaysia Perlis, Malaysia, Feb 2012. Gopalakrishnan V., "Semi Fragile Watermarking Using Gaussian Mixture Model For Malicious Image Attacks", International Conference, 2011 WICT-2011 ISBN 978-1-4673-0125-1 © 2011 IEEE, PP 120-125, University of Mumbai, Kalina Campus, Mumbai, Dec 2011.
44. Gopalakrishnan V., "Lyapunov Features based EEG Signal Classification By Multi-Class SVM", International Conference, 2011 World Congress on Information and Communication Technologies (WICT-2011), University of Mumbai, Kalina Campus, Mumbai, ISBN 978-1-4673-0125-1 © 2011 IEEE, PP 197-201, DEC 2011.
45. Kavitha N., "Speed control of wind turbine using PID controller", Renewable energy Technologies, ICORET-2011 pp-86-90, PSG College of Technology, Coimbatore, Dec 2011.
46. Gopalakrishnan V., "SVD Based Robust Digital Watermarking For Still Images Using Wavelet Transform", International Conference on Computer Science Engineering and Applications (CCSEA-2011) in Conjunction with CNSA 2011, DOI: 10.5121/csit.2011.1216, Hyatt Regency, Chennai, July 2011.
47. Sakthivel A., "Design and analysis of three phase SHAPF", International Conference on Intelligent Systems and Control, Kumaraguru College of Technology, Coimbatore, Feb 2010.
48. Parimala V., "Automation of Waste heat recovery plant through Virtual Instrumentation", International Conference (ISCO'10), Karpagam College of Engineering, Coimbatore, Feb 2010.
49. Lakshminarayanan V., "Study of electric corona discharge ozone generator concentration with parameters variation", International Conference IDAEPSC '10, Sri Krishna College of Engg. Tech., Coimbatore, July 2010.