ACADEMY OF MARITIME EDUCATION AND TRAINING

(Deemed to be University)

DEPARTMENT OF EEE

INTERNATIONAL CONFERENCE PUBLICATIONS : 2019- 2020

1. Dr. T. Sasilatha "Performance Evaluation of DWT based Multiple Input Multiple Output OFDM for Internet Telephony Applications" 3rd international Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021); February 2021.

2. Dr. T. Sasilatha "Voice Extraction from Background Noise Filter Bank Analysis for Voice Communication Applications" 3rd international Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021); February 2021.

3. G. Jegadeeswari Presented "Implementation of Power Factor Correction Boost Converter fed SRM for EV Applications" on International Conference on Sustainable Innovation in Science & Technology (ICSIST'21) at G H Raisoni University, Saikheda, MP on 26.02.2021 to 27.02.2021

4. K.R. Anupriya, Dr. T. Sasilatha "Digital Image Forgery detection using SIFT and SURF Algorithms" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.

5. Dr.T. Sasilatha "Energy Aware Link Lifetime Routing in WSN" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

6. T. Sasilatha "Titanic is Reacting, Rusting and Resting" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

7. Karthickmanoj.R, Dr.T. Sasilatha, "Design and implementation of compressed sensing based Image sensor for smart surveillance applications" in the proceedings of the 4th ISSE National conference INAC-2019 on System for Transforming India: Challenges & Opportunities held on 26th and 27th September 2019 at Indian Society of Systems for Science and Engineering(ISSE), Ahmadabad Chapter, Space Application center, Ahmadabad.

8. Dorothy.R, Dr.T. Sasilatha, "Underwater object detection and classification using Artificial Neural Network" in the proceedings of the 4th ISSE National conference INAC-2019 on System for Transforming India: Challenges & Opportunities held on 26th and 27th September 2019 at Indian Society of Systems for Science and Engineering(ISSE), Ahmadabad Chapter, Space Application center, Ahmadabad.

9. V. Karthikeyan "IoT Based Home Appliances Control" National Conference on Recent Advances in Science, Engineering, and Management; ISBN: 978-81-943033-7-4; Mar. 2020.

10. Karthikeyan V, Jamuna V" BCD Topology of Multilevel Inverter for Solar Energy Generation" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4 ; 2019

11. K.R. Sunil Raj, Dr.G. Themozhi "PWM Plus Secondary-Side Phase-Shift Controlled Full-Bridge Three-Port Bidirectional Converter for Application in MVDC Distribution Networks" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.

12. Dr.G. Themozhi "Design and Simulation of Rectangular Micros trip Patch Antenna using UV Band" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

13. Dr.G. Themozhi "A competent Multiplier Architecture with reduced Transistor Count for Radix-2 Butterfly computation of Fast Fourier Transform "AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019): ISBN: 978-93-85434-75-4; 2019

14. A. Prabha, Dr.G. Themozhi "Solving Combined Economic Emission Dispatch Problem with Wind Energy Penetration Using Intelligent Firefly Algorithm" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019): ISBN: 978-93-85434-75-4; 2019

15. Dr.G. Themozhi "A suitable Birecoder multiplier for Finite Impulse Response Filter "AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019): ISBN: 978-93-85434-75-4: 2019

16. Dr.G. Themozhi" Recent Development in Computer vision based gait biometrics system' AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

17. P. Radhakrishnan, G. Themozhi" Design of Low Power CMOS Truncated Multiplier with 10T GDI Full Adder" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

18. Saravanakumar C, Dr. G. Themozhi A "Competent Multiplier Architecture with Reduced Transistor Count for Radix -2 Butterfly Computation of Fast Fourier Transform, "AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.

19. Baldwin Immanuel.T   Electrification from Based from Road Tyre Friction National Conference on Recent Advances in Science, Engineering, and Management   ISBN:978-81-943033-7-4; Mar. 2020.

20. D. Lakshmi, C.N. Ravi" Solution for complex OPF problem using hybrid GA –Firefly Algorithm" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4 ; 2019

21. R. Elavarasi "Ship Collision Detection and Prevention System Using Internet of Things" National Conference on Recent Advances in Science, Engineering, and Management; ISBN: 978-81-943033-7-4 Mar. 2020.

22. R. Elavarasi, R. Vijayapriya, Dr. D. Padma Subramanian "Integration of Wind Energy System in Shipboard Using Frequency Converter" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

23. C.Gnanavel, P. Sathish Khanna, M. Rajavelan, Baldwin "Real Time Monitoring and Controlling of Boiler Drum Parameters Using Internet of Things (IoT)" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

24. G. Jegadeeswari "Performance Analysis of Power Quality Improvement using Shunt Active Power Filter" International Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2018); ISBN: 978 93 85434 709; Sep. 2018.

25. G. Jegadeeswari "A Review of Power Quality Performance Analysis Using Shunt Active Power Filter" International Conference on Sustainability Management of Advanced Renewable energy Technologies; ISBN: 978-93-5361-004-3; Apr. 2019.

26. G. Jegadeeswari "Analysis of Dissolved Gases in Transformer Oil Using Wireless Data Acquisition" 2nd National Conference on Cutting Edge Innovations in Engineering and Technology – CEIET Proceedings of CEIET 2019;   Mar. 2019.

27. G. Jegadeeswari, P. Dhanasekar, S. Viknesh, R. Dinesh "Multi Carrier Based New Random Pulse Width Modulation for Three Phase Inverters" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

28. A. Manikandan" Renewable Energy Systems with Integrated Power Systems – Requirement and Functionalities for Ships" National Conference on Recent Advances in Science, Engineering, and ManagementISBN: 978-81-943033-7-4; Mar. 2020.

29. P. Sathish Khanna, Dr. M. Rajavelan, P.R. Senthilrajan "MPPT Based Solar Charge Controller Using IOT" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

30. S. Janarthanan "Analysis of Grid Connected DFIG based Wind Farms for Reactive Power Compensation" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

31. S. Janarthanan, B. Anandhi "Simulation Model of Series Compensator using Cascaded Multilevel Inverter for Transmission Lines" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

32. S. Janarthanan "Wireless Motor Control and Monitoring System Using Zigbee" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.

33. S. Janarthanan, Balaji.D" Linear modelling of SRM Based on MATLAB/Simulink" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

34. S. Janarthanan "Crane Control by Hand Gesture Using Flex Sensor" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

35. Dr. M. Deva Brinda, Dhanya.T, Karthik.S "Earth Voltage Monitoring and Alert System for Indian ATM System" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

36. Amirtharaj, Selvarani. M, Lakshmi.D, Zahira.R "Design of MOSFET Inverter for a Grid Connected Photovoltaic System" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

37. S. Amrita Raj, V. Madhan Kumar, K. Sandhiya "Switching Loss Reduction and Simulation of quasi Z-Source Inverter System Fed BLDC Motor" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN:978-93-85434-75-4; 2019

38. Padmapriya. "Channel Estimation Techniques in MIMO - OFDM Systems: A Survey" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

39. Dorothy R "Detection of Metal Objects in Under Water Sea-a Survey" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019): ISBN: 978-93-85434-75-4; 2019

40. Karthickmanoj. R "Performance Analysis of Compressed Sensing Based Image Sensor for Smart Surveillance Applications" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

41. R.K. Padmashini "Home Automation systems using Speech Recognitions "AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019; ISBN: 978-93-85434-75-4; 2019

42. R.K. Padmashini "Solar Photovoltaic inverter smart Grid Application and Improvement of power quality "AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

43. M.Deva Brindha "A Robotic Motion Control using Finer Gesture Interaction" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

44. M.Deva Brindha "A Bluetooth based Architecture for Android Commutation with an Articulated Robot" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

45. M.Deva Brindha "Design and Implementation of Smart Bone Conductor Heating AID using ASP" AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019