

ACADEMY OF MARITIME EDUCATION AND TRAINING

(Deemed to be University)

DEPARTMENT OF EEE

INTERNATIONAL/ NATIONAL CONFERENCE PUBLICATIONS : 2020- 2021

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. V. Karthikeyan, “Design and Simulation of Four-Port DC-DC Converter for Electric Vehicle Applications”, Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
4. Dr. S. Priya, “Predictive Speed and Flux Control Based Sensorless Sliding Mode Observer for Induction Motor Used in Electric Car”, Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
5. Dr. S. Priya, “Analysis of 7 Level and 9 level Neutral Point multi-level inverter for Direct torque control of 3 phase Induction motor”, Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
6. Dr. S. Priya, “The Evolution of Indian Power: Market: Chronological Approach”, Proceedings of International Virtual Conference on Disruptive Technologies in Maritime Sector: Industry 4.0 (ICDTMS 2021), 28th -29th June 2021, Chennai, India, ISBN: 978-93-85434-83-9
7. Dr. S. Priya, “Power Quality Enhancement in Micro Grid”, Proceedings of International Virtual Conference on Disruptive Technologies in Maritime Sector: Industry 4.0 (ICDTMS 2021), 28th - 29th June 2021, Chennai, India, ISBN: 978-93-85434-83-9
8. D. Lakshmi, “Flower Pollination Algorithm in DPS Integrated DFIG for Controlling Load Frequency” IEEE 2nd International Conference on Power, Energy Control and Transmission System, 10th & 11th December 2020, ISBN: 978-1-7281-1083-7
9. D. Lakshmi, “Hybrid power system using renewable energy resources” ESN International Conference on Multidisciplinary Research and Innovation, 3rd to 9th September 2020, ISBN: 978-81-945297-0-5
10. C. Gnanavel, “Electric Propulsion Control by Combination of Photovoltaic System with Induction Motor Drive”, Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
11. C. Gnanavel, “Design of Solar Energy with Modular Multilevel Inverter Efficient Drive Integrated Flywheel Energy Storage System (FESS)”, Proceedings of International Virtual Conference on

Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8

12. G. Jegadeeswari "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 Raisonni University, Saikheda, MP on 26.02.2021 to 27.02.2021
13. G. Jegadeeswari "Performance Analysis of BLDC Motor with Multilevel Inverter" on International E -Conference on Recent Trends and Technologies in Soft Computing (ICRTSC'20) – 2020 at St. Peter's Institute of Higher Education and Research, Chennai on 28.09.2020 & 29.09.2020; ISBN: 978-93-5416-195-7
14. G. Jegadeeswari "Implementation of fault detection and diagnosis of three phase induction motor" on AICTE Sponsored International E-Conference on Electrical, Communication and Computing (ICECC-2020) at Tagore Engineering College, Chennai on 20.8.2020 & 21.8.2020; ISBN: 978-81-947587-4-7
15. G. Jegadeeswari "Design of MOSFET Inverter of a Grid Connected Photovoltaic System" on AICTE Sponsored International E-Conference on Electrical, Communication and Computing (ICECC-2020) at Tagore Engineering College, Chennai on 20.8.2020 & 21.8.2020; ISBN: 978-81-947587-4-7
16. G. Jegadeeswari "Implementation of Thirty-One Level Cascaded Multilevel Inverter Fed Brushless Dc Motor Drive Applications" on International E-Conference On Challenges and Opportunities in Renewable Energy, Smart Systems and E-Mobility (ICCORSE- 2020) at SRM Easwari Engineering College, Chennai on 30.07.2020& 31.07.2020
17. G. Jegadeeswari "Machining Behavior of Al6061 fly- ash Composites" on International E-Conference on Advances in Information Technology, Business Management, and e-Commerce - 2020 at The Quaide Milleth College for Men - Shift II, Medavakkam, Chennai on 04.07.2020 & 05.07.2020; ISBN: 978-93-5407-331-1
18. G. Jegadeeswari "Performance Analysis of an Enhanced Positive Output Super-Lift Luo Converter for Renewable Energy Applications" at 4th International Web Conference on Emerging Trends in Arts, Science, Engineering & Technology, Organized by DK International Research Foundation, Perambalur, Tamilnadu IWCETASET – 2020 on 28th June 2020; Proceedings / ISBN Number: 978-81-945642-3-2
19. K. Manikandan, "Analysis Landsman, Sepic and Zeta Converter by Particle Swarm Optimization Technique, Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
20. K. Manikandan, "A Low Power Area Efficient Parallel Pipelined Radix-23 Fft Architecture Using High Speed Multipliers, Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
21. Karthickmanoj R., Sasilatha T., Padmapriya J, "Compressive Imaging Systems for Video Surveillance Applications", Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-93-85434-85-3
22. Karthickmanoj R., Sasilatha T., Padmapriya J, " An Efficient Segmentation and Feature Extraction Strategy for disease detection using Random Forest Classifier", Proceedings of International

Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-93-85434-85-3

23. Karthickmanoj R., Sasilatha T., Padmapriya J, " Sclera Recognition using Bayesian Approach", Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-93-85434-85-3
24. Karthickmanoj R., Sasilatha T., Padmapriya J, " An Efficient Color based Segmentation and Feature Extraction Framework for Leaf Disease Detection in Smart Agriculture", Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-93-85434-85-3
25. R. Rajasree, "Compensation of Voltages and Currents using Unified Power Quality Conditioner (UPQC)", Proceedings of 4th International E-Conference on Recent Advancement in Mechanical Engineering and Technology (ICRAMET 2021), 24th -25th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
26. R. Rajasree, " Modelling of Unified Power Quality Conditioner for the compensation of Voltage and Current", Proceedings of 4th International E-Conference on Recent Advancement in Mechanical Engineering and Technology (ICRAMET 2021), 24th -25th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
27. R. Rajasree, "SCADA based System for Controlling and Monitoring Boiler in Ship", Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
28. R. Rajasree, "SCADA based System for Controlling and Monitoring Boiler in Ship", National Conference on Innovative Solutions in Electrical Engineering on 21st April 2021
29. G. Tamil Pavai, "Man Overboard Tracker Based on a Multi-Sensor with RSSI Wireless Technology", Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
30. G. Tamil Pavai, "Thermoelectric Power Generation using Waste Heat Energy from Peltier and Sea beck module", Proceedings of International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), 17th -18th June 2021, Chennai, India, ISBN: 978-81-947019-5-8
31. G. Tamil Pavai, "Man Overboard Tracker Based on a Multi-Sensor with RSSI Wireless Technology", National Conference on Innovative Solutions in Electrical Engineering on 21st April 2021