



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### List of Conferences :AY 2021-2022

1. R Karthickmanoj, J Padmapriya, T Sasilatha, G Aagash ,” Evaluation of Filtering Techniques in Channel Estimation for MIMO-OFDM” International Conference on Recent Trends in Computing (ICRTCE-2021) Journal of Physics: Conference Series IOP Publishing Aug 2021
2. R Karthickmanoj, J Padmapriya, T Sasilatha, “Sclera Recognition uses Bayesian Approach” International Virtual Conference On Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021) , June (17-18),2021 International June 2021 ISBN : 978-93-85434-85-3
3. T. Sasilatha, “Soft Computing Technique based fault detection and diagnosis in three phase induction motor” AICTE Sponsored International Conference on Future Challenges in Data Science and Engineering for Global Sustainability FCDSEGS-2021 October 2021 ISBN: 978-93-91355-10-4 AMRITSAR Group of Colleges
4. Balachandra Pattanaik,.K.Sakthivelm, S.Priya “Hardware Implementation of Hybrid Renewable Energy Source for Integrated Fed Micro-Grid” Proceedings of the First International Conference on Computing, Communication and Control System, I3CAC 2021, 7-8 June 2021, Bharath University, Chennai, India June 2021.
5. T. Sasilatha, “Artificial Intelligence and Gesture based motion control and accident avoidance systems in Onboard Ships” AICTE Sponsored International Conference on Future Challenges in Data Science and Engineering for Global Sustainability FCDSEGS-2021 International October 2021 ISBN: 978-93-91355-10-4 AMRITSAR Group of Colleges
6. R Karthickmanoj, J Padmapriya, T Sasilatha,“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. August 2020 ISBN : 978-81-947587-4-7 AMET Deemed to be University
7. R Karthickmanoj, J Padmapriya, T Sasilatha, “ 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. August 2020 ISBN : 978-81-947587-4-7 AMET Deemed to be University
8. J Padmapriya R Karthickmanoj, , T Sasilatha, “ An Efficient Colour 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. August 2020 ISBN : 978-81-947587-4-7 AMET Deemed to be University

9. T. Sasilatha, "Design and Development Of Hybrid Converters Marine Application" International Multi-disciplinary Conference On Recent Research Ideas ,Belgium, December 10,2021 December Ghent University, Ghent, Belgium
10. Dr.S.Priya, "IoT and Embedded Based Smart Agriculture to Measure Temperature, Moisture", Humidity and Ph Values of Soil International Conference on Multi Disciplinary Research(ICMR2021),ISBN : 978-93-85434-85-3, November 2021.
11. Dr.S.Priya, "Predictive Speed and Flux Control Based Sensorless Sliding Mode Observer for Induction Motor Used in Electric Car" International Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), ISBN : 978-93-85434-85-3
12. Dr.S.Priya, "Analysis of 7 Level and 9 level Neutral Point multi-level inverter for Direct torque control of 3 phase Induction motor" International Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), ISBN : 978-93-85434-85-3
13. Dr.S.Priya, "The Evolution of Indian Power: Market: Chronological Approach" International Conference on Disruptive Technologies in Maritime Sector (ICDTMS2021),
14. Dr.S.Priya, "Power Quality Enhancement in Micro Grid" International Conference on Disruptive Technologies in Maritime Sector (ICDTMS2021),
15. Dr.S.Priya, "Smart Use of Social Media Dataset for Medical Diagnosis" International Conference on Innovations and Challenges in Global Business (ICICGB2020),
16. R.Elavarasi, "A short review on Solar still using Nano Phase Change materials and their enhanced properties" Proceedings of International Conference on Innovations and Research in Marine Electrical and Electronics Engineering (ICIRMEEE 2021), ISBN : 978-81-947587-4-7 AMET Deemed to be University
17. G. Jegadeeswari, "Automatic Operation of Accommodation Ladder on Tidal Ports" IEEE Conference on Norbert Wiener in the 21st Century (21CW) July 2021 978-1-7281-5384-1 CEG, Anna University
18. Tamil Pavai G, "Man Overboard Tracker Based on a Multi- Sensor with RSSI Wireless Technology" International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering ,July 2021
19. Tamil Pavai G, Rajasree R "Compensation of Voltages and Currents using Unified Power Quality Conditioner (UPQC) 4th International E-Conference on Recent Advancement in Mechanical Engineering and Technology ,June 2021 978-93-85434-85-3 AMET Deemed to be University
20. C.Gnanavel, "Design and Development of Fuzzy Control Based Voltage Lift Multilevel Inverter Using For Solar Photovoltaic Applications" Virtual International Conference on Smart Grid and Green Energy Systems 30.7.2021 to 30.7.2021 VIT university, Vellore
21. C.Gnanavel "Experimental Validation and Integration of Solar PV fed fed Modular Multilevel Inverter (MMI) and Flywheel Storage System" IEEE MysuruCon 2021 24.9.2021 to 25.9.2021 Navkis College of Engg, Mysore
22. Rajasree R "A Novel Method of Designing Multifunctional Electric Vehicle" International Conference on Energy and Materials Technologies, July 2021 SSN College of Engineering, Chennai

23. Rajasree R “Modelling of Unified Power Quality Conditioner for the compensation of Voltage and Current” International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering, June 2021 978-93-85434-85-3 AMET Deemed to be University
24. Rajasree R “Compensation of Voltages and Currents using Unified Power Quality Conditioner (UPQC)” 4th International E-Conference on Recent Advancement in Mechanical Engineering and Technology June 2021 Aarupadai Institute of Technology
25. J.S.Ashwin “A Review Of Human Eye Tracking And Issues” International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering, June 2021,978-93-85434-85-3 AMET Deemed to be University
26. J.S.Ashwin “Multisensor Data Fusion And Video Streaming Based Mine Safety Monitoring System Through IP” International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering, June 2021 978-93-85434-85-3 AMET Deemed to be University
27. S.Satish kumar, M. Sasikumar, K.S.Kavithakumari and P Siva Perumal. “Implementation Of A Simplified Nine Level Dc-Ac Inverter” ” International Virtual Conference on Innovations and Research in Marine Electrical and Electronics Engineering, 17 June 2021 978-93-85434-85-3 AMET Deemed to be University.
28. P. Sivaperumal, C. Balaji O. Hemakesavulu A. Dominic Savio B. Vinothkumar S. Sakthi , “A Transformerless Buck-Boost Converter as Maximum Power Point Tracker for Battery Charging” Springer Lecture Notes in Electrical Engineering, Proceedings of International Conference on Power Electronics and Renewable Energy Systems pp 237-246 November 2021

DEAN / EEE