ACADEMY OF MARITIME EDUCATION AND TRAINING

(Deemed to be University)

DEPARTMENT OF EEE

LIST OF PUBLICATIONS: 2020-2021

1. G. Themozhi "FOPID Controlled inter leaved cuk converter fed induction motor drive system with improved time response" Solid State Technology, Vol.63, Issue.6, Dec 2020

2. D.Lakshmi "Voltage Stability Enhancement of SMIB System using variable Structure Controller Solid State Technology; Vol.63, Iss.6, Sept 2020.

3. D.Lakshmi, R. Zahira "Modeling and Simulation Analysis of Shunt Active filter for Harmonic Mitigation in Islanded Microgrid" Springer nature Singapore- Advances in Smart Grid Technology, Sept 2020

4. D.Lakshmi, R. Zahira "Flowing Pollination Algorithms in DSP Integrated DFIG for Controlling Load Frequency" IEEE Conference, Dec 2020

5. T. Baldwin Immanuel, "Design of Robotic Arm for Ship Surface Cleaning, Painting and Monitoring", International Journal of Innovative research in science, engineering and technology.

6. Dr. C. Gnanavel "Fuzzy Logic Control for Solar PV fed Modular Multilevel Inverter towards Marine Water Pumping Applications", IEEE access, ISBN: 2169-3536, vol: 9

7. Dr. C. Gnanavel "Design Methodology and Experimental Verification of Intelligent Speed Controllers for Sensorless Permanent Magnet BLDC Motors", International Transaction on Electrical Energy systems, ISBN: 2050-7038

8. Dr. C. Gnanavel "investigation and Validation of an Eleven Level Symmetric Modular Multilevel Inverter Using Grey Wolf Optimization and Different Evolution Control Algorithm for Solar PV Applications", Circuit World, ISBN: 0305-6120, Vol.47, Iss.1, May 2020

9. R. Elavarasi, R. Vijaya Priya "Vector Control Scheme for PMSG –Based WPS under Various Grid Disturbances "Springer nature Singapore- Advances in Smart Grid Technology, Sept 2020

10. G. Jegadeeswari, B. Kirubadurai, S. Kanagaraja "Analysis of Knocking Characteristic in Dual Fuel Engine - the Effects on Diethyl Ether", INCAS BULLETIN, vOL:13, iSSUE:2, (P) ISSN 2066-8201, (E) ISSN 2247-4528, June 2021

11. G. Jegadeeswari, B. Kirubadurai" Impact of BUE on Surface ruggedness for machining of Aluminum matrix composites (6061/Fly ash)" Advance in materials and Processing Technology; 978-981-15-7245-6; Sep 2020.

12. G. Jegadeeswari, B. Kirubadurai "Machining of Aluminum Fly Ash Composite Effect of BUE on Surface Roughness" Journal of Xidian University; 10012400, Sept 2020.

13. G. Jegadeeswari, B. Kirubadurai, Viknesh.S, Dhanasekar. P, Dinesh. R, CK Manoj, A Fuzzy Logic Controller Based SRM with Torque Ripple Suppression for EV Applications; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

14. Mr.K. Manikandan, Mr.K. Vanchinathan, Dr.V. Karthikeyan, Mr.P. Surya, "A Novel Approach for Sensorless Speed Control of Brushless Dc Motor Drive Using Modified Ant Colony Optimized Fopid Controller" International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

15. S. Satish Kumar, Dr M. Sasikumar, "Intelligent hybrid technique for cascaded multilevel inverter based three phase grid-tie hybrid power system: a WPSNN technique", Journal of Ambient Intelligence and Humanized Computing, ISBN: 1868-513702

16. Karthickmanoj R, Sasilatha T., Padmapriya J "A novel pixel replacement-based segmentation and double feature extraction techniques for efficient classification of plant leaf diseases", Elsevier -In Press

17. Karthickmanoj R, Sasilatha T., Padmapriya J, "Automated machine learning based plant stress detection system" Elsevier -In Press

18. Padmapriya.J, Karthickmanoj.R, Dr.T. Sasilatha, Bharathi.V "An Efficient Color Based Segmentation and Feature Extraction Framework for Leaf Disease Detection in Smart Agriculture"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

19. J.S.Ashwin, D. Vani, Dr. P.Siva Perumal, S. Satish Kumar "Analyzing Reliability And Flooding Mechanism In Multi-Hop Wireless Networks; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

20. D. Lakshmi, G. Ezhilarasi, K. Rekha G. Jegadeeswari, Automatic Detection and Power Shutdown for Gas Leakage and Its Monitoring System; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

21. G. Themozhi, A. Prabha, P. Radhakrishnan, K. Manikandan Battery Monitoring and Smart Charging Using IoT for Electrical Vehicle Applications; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

22. R. Karthickmanoj, T. Sasilatha, J. Padmapriya "Compressive Imaging Systems for Video Surveillance Applications"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

23. Veerakumar.P, R. Sundar, Dr.S.V. Saravanan "Emerging Electric Ship: Modern Power Technology and Propulsion System"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

24. J. Padmapriya, Dr.T. Sasilatha, R. Karthickmnoj "Voice Extraction from Background Noise using Filter Bank Analysis for Voice Communication Applications" IEEE, 10.1109/ICICV50876.2021.9388453, Mar 2021

25. R. Karthickmnoj, Dr.T. Sasilatha, J. Padmapriya "Performance Evaluation of DWT based Multiple Input Multiple Output OFDM for Internet Telephony Applications", IEEE, 10.1109/ICICV50876.2021.9388597, Mar 2021

26. R. Dorothy, Dr.T. Sasilatha, S. Rajendran, "Corrosion resistance of mild steel (hull plate) in sea water in the presence of a coating of an oil extract of plant materials, Int. J. Corros. Scale Inhib., 2021,10.17675/2305-6894-2021-10-2-13, May 2021

27. A. Ramya, Mrs.R.K. Padmashini" Energy Management System Based On Dc-Dc Converter for Micro Grid Using Hybrid Energy Sources;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

28. P. Sivaperumal, Subranhsu Sekhar Dash, Sathish Kumar and J.S. Ashwin, "Fuzzy – Discrete Wavelet Transform Aided Scii Based Idvr for Mitigating Power Quality Issues;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

29. Satish Kumar S, Dr M. Sasikumar, Dr P Sivaperumal, JS Ashwin and Kavitha Kumari K S "Implementation of a Simplified Nine Level Dc-Ac Inverter;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

30. A. Srujuna, D. Lakshmi, C. N. Ravi, S. Baskaran, "Integrated Renewable Energy Sources for The Minimization of Emission and Economic Operation of Power System;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

31. Dr.T. Baldwin Immanuel, Mr.P. Rathnavel, A. Suresh, K. Manikandan, "Inter Combining Quazi Z Source Network with Matrix Converter for Wind Powered Distribution System;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

32. Dr. V. Karthikeyan, R. Elavarasi, Dr. V. Jamuna, "Modeling and Simulation of Non-Isolated Multi-Port Dc-Dc Converter for Electric Vehicle Applications;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

33. G. Jegadeeswari, S. Baskaran, D. Lakshmi, B. Kirubadurai," Performance Investigation of Cascaded Multilevel Inverter Fed Brushless Dc Motor Drive;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

34. S. Amirtharaj, D. Lakshmi, G. Jegadeeswari G. Ezhilarasi" Performance of a Photovoltaic Luo-Converter with Multiple-Lift Push-Pull Switched Capacitors;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

35. Dr.S. Priya, Dr, P. Vinoth Kumar, Dr. Karthikeyan, Mr. Suresh Subramaniyam, "Predictive Speed and Flux Control Based Sensorless Sliding Mode Observer for Induction Motor Used in Electric Vehicle;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

36. R. Elavarasi, Dr. C. Nayanatara, Dr.V. Karthikeyan, "Real Time Low Cost Automated Production System Using Internet of Things;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

37. R Rajasree, G. Tamil Pavai, B Santhosh, B Sridhar4, V Rudran, Mohammed Nazeem "Scada Based System for Controlling and Monitoring Boiler in Ship;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

38. Sasilatha T Gopala Krishnan S, Karthikeyan V, Elavarasi R, "a Short Review On Solar Stills Using Nano Phase Change Materials and Their Enhanced Properties;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

39. P. Vinoth Kumar, P. Sathish Khanna, Arthi J, Arul Rajan P, Arunkumar S, "Smart Room Automation Using Sensors and Gsm Module;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

40. Tamil Pavai G, D S Manivannan, R Hemanth raj, "Thermoelectric Power Generation Using Waste -Heat Energy from Peltier and Seebeck Module;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

41. R. Sundar, A.T. Madhavi, P. Veerakumar, Dr. Suresh. A, "Underwater Biofouling Detection Using Image Processing and Neural Network;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021

42. Kirubadurai. B Kanagaraja. K Jegadeeswari. G Gowtham G, "Improvement of Air Compressor Cooling with Intercooler Fine Pruning;"; International Journal of Aquatic Science; Vol: 12, Issue:2, July 2021