

ACADEMY OF MARITIME EDUCATION AND TRAINING

(Deemed to be University)

DEPARTMENT OF EEE

LIST OF PUBLICATIONS : 2019- 2020

1. Dr.T. Sasilatha, Dr.S. Arun “Role of Compressed Sensing Based Image Sensor for Smart Surveillance Applications” Test Engineering and Management; Vol.82, PP.1982-1985; 0193-4120, Jan. 2020.
2. Dr.T. Sasilatha, Mrs.M. Parameswari “Valuable Vitality Remote Perceiving in Cloud IOI” Test Engineering and Management; Vol.14, Iss.5, PP.1986-1992, 0193-4120, Jan.2020.
3. Dr. T. Sasilatha, Gnana Kousalya “Non-Contact Heart Rate Monitoring using Facial Video” International Journal of Engineering and Advanced Technology (IJEAT); Vol.9, Iss.2, PP.4087 , 2249 – 8958, Dec. 2019.
4. Dr. T. Sasilatha, K.R. Anupriya “Digital Image Falsification Detection System for Effective Data Communication” International Journal of Engineering and Advanced Technology; Vol.9 Iss.2, PP.4081, 2249 – 8958, Dec. 2019.
5. Dr. T. Sasilatha, P. Ezhilarsi “Damaged Number Plate Recognition “International Journal of Engineering and Advanced Technology; Vol.9, Iss1S2, PP.22; 2249 – 8958. Dec. 2019.
6. Dr. T. Sasilatha, C. Gnana kousalya “Robot for Under Water Monitoring “International Journal of Engineering and Advanced Technology; Vol.9, Iss.1S2, PP.26; 2249 – 8958; Dec. 2019.
7. Senthil Murugan Maniam, T. Sasilatha “Area efficient and high speed hardware structure of hybrid cryptosystem for maximizing key life time using parallel sub pipeline architecture” International journal of Wiley Publication concurrency computation practice Expert; Vol.33, Iss.3, PP.1-5, 1532-0634 March 2019.
8. T. Sasilatha, K. R. Anupriya “Epileptic Seizure Detection Using HWPT based ANFIS Classifier” International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Issue-5S2, PP.20; 2277-3878, Jan 2019.
9. S. Balaji, A. Bharat Raj, T. Sasilatha “A Peer to Peer Botnet Framework for Network Threat Detection in Wireless Networks” International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Iss-5S2, PP. 234; 2277-3878, Jan 2019.
10. M. Senthil Murugan, T. Sasilatha “Implementation of Advanced Encryption Standard Algorithm on Steganography” International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Issue-5S2, PP.225; 2277-3878, Jan 2019.
11. M. Parameswari, T. Sasilatha “Extensible Network Lifetime Using Relay Selection Scheme on Wide Area Wireless Sensor Networks” International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Iss.5S2, PP.220; 2277-3878, Jan 2019.
12. M. Parameswari T. Sasilatha “Real Time Brain Computer Interface System” International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Iss. -5S2, PP.231; 2277-3878, Jan 2019.

- 13.S. Balaji, A. Bharat Raj, T. Sasilatha "A peer to peer Botnet Framework for network threat detection in wireless networks" International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Iss.5s2, PP.234; 2277-3878, Jan 2019.
- 14.Dr. V. Karthikeyan, Dr. William Chirstoper "Nine Level Symmetrical Modified Multi-Level Cascaded H-Bridge Inverter" International Journal of Advanced Science and Technology; Vol.29, Iss.7s; PP.2532-2537; 2005-4238, Apr. 2020.
- 15.Dr. V. Karthikeyan, I. William Christoper "Yield Analysis of 20kW Grid-Tie Roof-top Solar Photovoltaic Unit in Tamilnadu" Test Engineering and Management; Vol.82, PP.15685-15689, 0193-4120; Jan-Feb. 2020.
- 16.Dr. G. Themozhi "Design of CMOS Truncated Multiplier with 10T GDI Full Adder" TEST Engineering Management; Vol.83, PP.3955-3960; 0193-4120, May-June 2020.
17. Dr. G. Themozhi "A Competent Multiplier Architecture with Reduced Transistor Count for Radix - 2 Butterfly Computation of Fast Fourier Transform" TEST Engineering Management; Vol.83, PP.1577-1581; 0193-4120; Mar-April 2020.
- 18.Dr. G. Themozhi, Merlin Linda George "A robust similarity based deep Siamese convolutional neural network for gait recognition across views" International Journal of Advanced Science and Technology; Vol.82, PP.1706-1711, 2005-4238, June 2020.
19. Dr. G. Themozhi, Radhakrishnan.P "FPGA implementation of XOR-MUX Full Adder and Subtractor based Truncated DCT for Audio Processing Applications" International Journal of Psychosocial Rehabilitation; Vol.29, Iss.6, PP.2352-2367/1475-7192, June 2020.
20. Dr. G. Themozhi, A. Prabha "Solving Combined Economic Emission Dispatch Problem with Wind Energy Penetration Using Intelligent Firefly Algorithm" International Journal of Psychosocial Rehabilitation, Vol.24, Iss.8, 1475-7192, June 2020.
- 21.Dr. G. Themozhi, K.R. Sunil Raj "Full Bridge Three Port Bidirectional Converter for Photovoltaic Application" International Journal of Advanced Science and Technology; Vol.29, Iss.4, PP.1158-1169, 0141-9331, June 2020.
22. Dr. G. Themozhi, T. Arun Srinivas "Current Mode controlled fuzzy logic based interleaved cuk converter SVM Fed induction motor drive system" Microprocessor and Microsystems; Vol.74, PP.103002, 2005-4238, Jan 2020.
- 23.Dr. G. Themozhi, P. Radhakrishnan "FPGA implementation of XOR-MUX full adder based DWT for signal processing applications" Microprocessor and Microsystems; Vol.73, PP.10961 2005-4238, Dec 2019.
- 24.Dr. T. Baldwin Immanuel, P. Rathnavel "PV Fed Seven- Level Inverter Using Fuzzy Control Technique" International Journal of Engineering Advanced Technology; Vol.9, Iss.2, PP.4102, 2249-8958, Dec. 2019.
25. Dr. T. Baldwin Immanuel, W.R. Thulasi Brindha "Modified PMSG System Using Trans Z Source Network for Grid Connected UPFC System" International Journal of Engineering Advanced Technology; Vol.9, Iss.2, PP.4107, 2249-8958, Dec. 2019.
26. Dr. T. Baldwin Immanuel, P. Rathnavel "Road Tyre Friction Used to Generation of Electrification" International Journal of Engineering Advanced Technology; Vol.9, Iss.2, PP.4112; 2249-8958, Dec. 2019.

27. Dr. T. Baldwin Immanuel, P. Rathnavel "Energy Efficient Light Monitoring and Control Architecture Using Embedded System" International journal of recent technology and engineering; Vol.7, Iss.5S, PP.212, 2277-3878, Feb. 2020.
28. P. Rathnavel, T. Baldwin Immanuel, P. Rayavel "Energy efficient light monitoring and control Architecture using Embedded system" International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Iss.5s2, PP.212; 2277-3878, Jan 2019.
29. Dr. D. Lakshmi, S. Prathiba "Improvement of Power Quality in Low Voltage Distribution Grids" Test Engineering and Management; Vol.82, PP.1701-1705; 0193-4120, Jan-Feb. 2020.
30. Dr. D. Lakshmi, S. Siva Prasad "Transitory Control Algorithm of Reactive Current for LSC of BDFIG Based Fuzzy Controller" Test Engineering and Management; Vol.9, Iss.2s5, PP.28; 0193-4120, Jan-Feb. 2020.
31. Dr. D. Lakshmi "Modeling and Analysis of Distributed Static Synchronous Compensator for Voltage Mitigation in Distributed System" Test Engineering and Management; Vol.82, PP.1706-1711, 0193-4123, May-June 2020.
32. Dr. D. Lakshmi, S. Baskaran "Direct AC/DC Power Converter Using Auxiliary Circuits" International Journal of Advanced Science and Technology; Vol.29, Iss.7s, PP.785-793, 2005-4238, June 2020.
33. Dr. D. Lakshmi, D. Sundarsigh Jebaseelan "Performance analysis of PV based DC-AC converter for dielectric heating" Journal of Critical Reviews; Vol.7, Iss.15, PP.2086, 2394-5125, June 2020.
34. Dr. D. Lakshmi, G. Ezhilarasi "Analysis of Various PWM Schemes for The Design of Asymmetric Single Phase 31 Level Cascaded MLI" International Journal of Advanced Science and Technology; Vol.29, Iss.4s, PP.1050-1086, 2005-4238, June 2020.
35. D. Lakshmi "Voltage Stability Enhancement of SMIB System using variable Structure Controller Solid State Technology; Vol.63, Iss.6, Sept 2020.
36. D. Lakshmi "Performance Analysis of PV based DC-DC Converter for Dielectric Heating" Journal of Critical Reviews; Vol.7, Iss.19, 2394-5125, June 2020.
37. R. Elavarasi, D. Padma Subramanian "Integration of Wind Energy System in Shipboard using Frequency Converter" Test Engineering and Management; Vol.82, PP.1771-1774; 0193-4120, Jan-Feb. 2020.
38. P. Veerakumar, R. Zahira "Automatic Temperature Control System for Ship's Turbine Main Oil Cooler Using PIC Microcontroller" International Journal of Advanced Science and Technology; Vol.29, Iss.4, PP.1170-1174 (P):2005-4238 (E):2207-6360; Feb. 2020.
39. P. Veera Kumar, Jegadeeswari, Anand Kumar "Solar power synchronization with main bus bar in VLCC using FPGA Technique "Universal Review; Vol.VIII, Iss.II, PP.117, 2277-2723, Feb 2019.
40. C. Gnanavel "Powering Smart Street Lighting Cities Using Visible Light Communication and Light Fidelity" Biotechnological Communication; Vol.6, Iss.6 2321-4007, Mar 2020.
41. C. Gnanavel "Investigation and validation of an eleven level symmetric modular multilevel inverter using grey wolf optimization and differential evolution control algorithm for solar PV applications" Circuit World; Vol.47, Iss.10305-6120, April 2020.

- 42.C. Gnanavel, Gokul.C “Experimental Investigation of Hybrid Battery/Super Capacitor Energy Storage System for Electric Vehicles” International Journal of Advanced Science and Technology; Vol.29, Iss.4s, PP.1013-1021; 2005-4238, Jan 2020.
- 43.C. Gnanavel, Gokul.C “Test Scheduling of Core Based System – on- Chip Using Modified Ant Colony Optimization “Journal Européen des Systèmes Automatisés; Vol.52, Iss.6, PP.599 (P):1269-6935 (E):2116-7087, Dec. 2019.
- 44.G. Jegadeeswari, B. Kirubadurai, J. Sumendran “Design and Analysis of Annular Combustion Chamber with Different Types of Swirl to Perform Pressure Drop Study” International Journal of Scientific and Technology Research (IJSTR); Vol.9, Iss.2, PP.1972; 2277-8616, Feb. 2020.
- 45.G. Jegadeeswari, B. Kirubadurai “Multi Carrier Based New Random Pulse Width Modulation for Three Phase Inverters” International Journal of Scientific and Technology Research (IJSTR); Vol.9, Iss-2, PP.5425; 2277-8616, Feb. 2020.
- 46.G. Jegadeeswari, K. Kamagaraj” Machining of Aluminum Fly Ash Composite Effect of BUE on Surface Roughness” Journal of Xidian University; Vol.14, Iss.5, PP.6044, 1001-2400, May. 2020.
- 47.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.
48. G. Jegadeeswari, B. Kirubadurai “Machining of Aluminum Fly Ash Composite Effect of BUE on Surface Roughness” Journal of Xidian University; 10012400, Sept 2020.
- 49.G. Jegadeeswari, Kanagaraj.K, B. Kirubadurai “Optimization of Gas Turbine Blade Cooling System” International Journal of Innovative Technology and Exploring Engineering (IJITEE); Vol.8, Iss.11, PP.4176, 2278-3075, Sep. 2019.
- 50.G. Jegadeeswari “Performance Analysis of power Quality Improvement using Shunt Active Power Filter” International Journal of Recent Technology and Engineering (IJRTE); Vol.7 Iss.5S2, PP.1-5, 2277-3878, Jan 2019.
51. G. Jegadeeswari, R. Elavarasi “Implementation of Buck Boost Chopper Type AC Voltage Regulator” Universal Review; Vol.VIII, Iss. I, PP.50; 2277-2723, Jan 2019.
- 52.S. Amirtharaj, V. Madhan Kumar” Switching Loss Reduction and Simulation of Quasi Z-Source Inverter System Fed BLDC Motor” International Journal of Advanced Science and Technology; Vol.29, Iss.4, PP.1149-1157, (P):2005-4238, (E):2207, Feb. 2020.
- 53.Mrs.R.K. Padmashini “Characterization of Big Data Research in Applications of Health Care” Test Engineering and Management; Vol.82, PP.1706-1711; 0193-4120, Jan-Feb 2020.
- 54.Mrs.R.K. Padmashini, Shweta “Level Shift and Phase Shift Modulation for Nine Level Inverters” International Journal of Advanced Science and Technology; Vol.29, Iss.4s, PP.1022-1033 0141-9331, June 2020.
- 55.Manikandan K “Design of Parallel Pipelined DIF-FFT Architecture” Test Engineering & Management; Vol.82, PP.2210-2213; 0193-4120, Jan-Feb 2020.