

ACADEMY OF MARITIME EDUCATION AND TRAINING

(Deemed to be University)

DEPARTMENT OF EEE

LIST OF PUBLICATION : 2017- 2018

1. Anu Priya K.R., Sasilatha T. Transformer exchanging with vacuum electrical switch Indonesian Journal of Electrical Engineering and Computer Science; Vol.8.iss.3, PP 679-680 2502-4752 Dec 2017.
2. Dorothy R., Sasilatha "Smart grid systems based survey on cyber security issues" Bulletin of Electrical Engineering and Informatics; Vol.6, Iss.4; 2302-9285; July 2017.
3. Sasilatha, T., Mahalakshmi, R., Mohan Kumar, P.S." Performance analysis of low power FIR filters using modified CSA in biomedical applications" Journal of Advanced Research in Dynamical and Control Systems, Spe.Iss.2; 1943-023X; July 2017.
4. Priya A, Sasilatha T. "Wireless network for strategic boundary supervision system" Bulletin of Electrical Engineering and Informatics; Vol.6.issue.4, PP 367-370, 2302-9285; Dec 2017.
5. Dorothy R., Sasilatha T. "System on chip based RTC in power electronics" Bulletin of Electrical Engineering and Informatics; Vol.6.issue.4, PP 358-363, 2302-9285; Dec 2017.
6. V. Karthikeyan, V. Jamuna Reduced Switch Reverse Voltage Multi Level Inverter "International Journal for Scientific Research & Development; Vol. 5, Issue 5; 2321-0613 July 2017.
7. V. Karthikeyan, S. Janarthanan "Yield factor of grid connected solar photovoltaic system a case study" Journal of adv research in dynamical and control system, Vol:9 Iss.9 1943-023; July 2017
8. Karthikeyan.V, Jamuna.V "Multilevel Inverter with Reduced number of switches for solar Energy Generation" International Journal of Latest Technology in Engineering Management & Applied Science; Vol.6, Iss.6, 2278-2540, July 2017.
9. Karthikeyan, V. "New topology of admittance source inverter based renewable energy" Journal of Mechanical Engineering Research and Developments; Vol.40, Iss.2 1024-1752; July 2017.
10. Karthikeyan. V "A review on ZIGBEE in WSN" Indonesian Journal of Electrical Engineering and Computer Science; Vol.9, Iss.1; 2502-4752; Jan 2018.
11. Dr T. Baldwin Immanuel, P. Muthukumar, M. Rajavelan, C.Gnanavel, N.Veermuthulingam "An Evaluation of Bidirectional converter Topologies for UPS Applications" International Journal of Engineering and Technology; Vol.7,Iss 2.33) ,PP.1305-1309; 2227-524X; June 2018.

12. Dr T. Baldwin Immanuel, P. Muthukumar, M. Rajavelan, C. Gnanavel, M. Marimuthu "Transformer less 1 Φ Inverter for Grid-Connected PV Systems with an Optimized Control" International Journal of Engineering and Technology; Vol.7, Iss. (2.33), PP.217-220, 2227-524X; June 2018.
13. Dr T. Baldwin Immanuel, T. Suresh, Rashmi. R "Resonant filter for photovoltaic applications" International Filter Photovoltaic Applications; Vol.119, Iss.7, PP.393-405; 1311-8080 June 2018.
14. P. Veerakumar, T. Dhanya, S.V. Saravanan, A.K. Anand Kumar "Synchronization of Solar Power with Onboard Ship Main Bus Bar Using FPGA Technique" International Journal of Innovative Research in Technology; Vol. 4 Iss 1; 2349-6002; July 2017.
15. Veerakumar. P "PLC Controller Water Pump for Generator Stator Cooling System" Journal of Advance Research in Dynamic and control System; Special Issue-11; 943-023X, Nov 2017
16. Veerakumar. P "SCADA Based Generation Stator water cooling Pump control system" International Journal of Advance Trends in Engineering and Technology; Vol.2, Iss 1, 2456-4664, Nov 2017
17. C. Gnanavel, M. Rajavelan, P. Muthu Kumar, T. Baldwin Immanuel "A performance Investigation of a single phase multilevel inverter fed nonlinear loads for solar PV applications" International Journal of Engineering and Technology; Vol.7, Iss.24, PP. 388-391, 2227-524X, March 2018.
18. C. Gnanavel, M. Rajavelan, P. Muthukumar "A performance investigation of a single phase multilevel inverter fed nonlinear loads for solar PV" International journal of Engineering & technology Vol.7, Iss. (3.24), PP.388-391, 2227-524X; June 2018.
19. C. Gnanavel, T. Baldwin Immanuel, P. Muthukumar, Padma, Suresh and Lekshmi Kanthan "Investigation of Four Quadrant operation of BLDC Motor Using Spartan-6 FPGA" Communication in Computer and Information Science (CCIS); CCIS 837, pp. 147–154; 1865-0929; June 2018.
20. C Gnanavel & M Rajavelan "Simulation and Investigation of total harmonic distortion of Unified power Quality conditioner for power quality Improvement" International journal for research in applied science & engineering Technology; Vol.6, Iss.3; 2321-9653; March 2018
21. G. Jegadeeswari "Design and Implementation of THD reduction for cascaded Multilevel H-Bridge inverter" Journal of Adv Research in Dynamical & Control Systems, Special Issue-11; 1943-023X; Nov 2017
22. G. Jegadeeswari "Design of SVPWM Inverter for induction motor drive using neural network predictive control International journal for research in applied science and Engineering Technology; Vol.6, Iss.4, PP.1007, 2321-9653; April 2018.

23. Dheepak Mohan raj, R. Sundar, Mohammed Syed "Integrated energy management system for residential micro grid" Journal of adv research in dynamical and control system, Vol.5, Special Iss .11 1943-023; Nov 2017.
24. Deepika, R.M "Mechanical spacing to investigation of slider dynamics in the slider-lubricant contact management" Journal of Engineering and Applied Sciences; Vol.12. Spe.Iss.2; 1816-949X; Dec 2017.
25. M. Deepak, Sindhuja" PSPICE based realization of single-phase thirteen level inverter using single DC Source" International Journal of Innovative Research in Technology; Vol.4, Iss.2; 2349-6002; July 2017.
26. Janarthanan S. "Peak recognition of electrocardiogram signals by neural network -A review "Indian Journal of Public Health Research and Development; Vol.8, Iss.3s; 0976-5506; July 2017.
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28. Janarthanan, S. "Implementation of low-powered multi-sensor buoy system for coastal environments" International Journal of Mechanical and Production Engineering Research and Development; Vol.8,Iss.12249-6890, Feb 2018.
29. A.T. Madhavi, R. Sundar "Challan Filling System in Banks for Visually Impaired and Illiterate People" Journal of adv research in dynamical and control system, Vol:9, Iss.9, 1943-023, July 2017
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31. Sundar R., Kalirasu A., Madhavi A.T. "Implementation of Ethernet based monitoring and controlling systems" International Journal of Pure and Applied Mathematics; Vol.14.issue.12, PP 545-553; 1314-3395; Dec 2017
32. Sundar R. "Implementation of web-connected distributed solar farm control system using CAN and Wi-Fi" Indian Journal of Environmental Protection; Vol.37, Iss.11; 0253 – 7141; July 2017.
33. Mubashira Anjum "Super Conductor Motors for High Speed Ship Propulsion" Journal of adv research in dynamical and control system, Vol:9, 1943-023; Nov 2017.
34. Mubashira Anjum A. "Multifunction mobile robot virtual human" International Journal of Mechanical Engineering and Technology; Vol.8, Iss 7, 0976-6340; July 2017.
35. Anjum, A.M "Wearable device for elder to save them from dangerous situation" Research Journal of Pharmacy and Technology; Vol.10, iss.1; 0974-3618; July 2017.

36. Mubashira Anjum A” Highly protected arbitrary biometric key based electronic accessing system” Indian Journal of Public Health Research and Development; Vol.114.issue.7, PP583-59 0976-5506; July 2017.
37. Dhanya T.“Denial of impedance for mobile cellular systems” Indonesian Journal of Electrical Engineering and Computer Science; Vol.8.iss.3, PP 657-661, 2502-4752, Dec 2017.
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44. Sinthuja S, Saravanan S.V. “Vehicle-2-vehicle communication based on wireless sensor network” Bulletin of Electrical Engineering and Informatics; Vol.6.issue.4, PP 364-366, 2302-9285, Dec 2017.
45. Sinthuja S, Saravanan S.V. “Statistics and probability of detection in wind turbine radar clutter” Bulletin of Electrical Engineering and Informatics; Vol.6.issue.4, PP 351-35, 2302-9285, Dec 2017.
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49. Dr SV Saravanan, Deepak M “ATMEL Microcontroller based indoor surveillance robot” International journal of innovative research in technology; Vol.4, Iss.2; 2349-6002; July 2017.
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