

Dr.S.Muralidharan Journal List (2015-2020)

International Journal Publications

1. **Dr.M.Muhaidheen, Miss.Tamilarasi, Dr.S.Muralidharan** published "**High Gain and High Efficiency Solid state converter for Fuel cell applications**" Advances in Smart System Technologies , Vol.1163, pp.441-458, October-2020
2. **Dr.A.Kavitha, Mr.R. Jai Ganesh, Dr.S.Muralidharan** published "**Automatic Dam Shutter Control using Wireless Sensor**" Journal of Seybold Report, Vol.15, Issue.9, pp.3867-3872, September-2020
3. **Dr.S.Anbarasi, Dr.S.Ramesh, Dr.S.Muralidharan** published "**AN OPTIMAL TUNING OF INTEGRAL CONTROLLER FOR HYBRID LFC SYSTEM INTEGRATED WITH WIND ENERGY RESOURCES**" International Journal of Advanced Science and Technology, Vol.29, Issue.7s, pp.1212-1221, April-2020
4. **Mr.B.Sakthisudhursun, Mr.S.Arockiaraj, Dr.S.Muralidharan** published "**Implementation of Nearest Level Control Modulation Technique for Multilevel Inverter using Arduino**" International Journal of Advanced Science and Technology, Vol.29, Issue.7s, pp.1096-1102, April-2020
5. **Dr.J.Gnanavadivel, Dr.N.Senthil Kumar, Dr.S.T.Jaya Christa, Dr.S.Muralidharan** published "**Design and implementation of FPGA-based high power LED lighting system for ships**" Indian Journal of Geo-Marine Sciences (IJMS), Vol.48, Issue.5, pp.724-729, May-2019
6. **Mrs.Menaka, Dr.S.Muralidharan** published "**Application of Evolutionary Algorithms for Harmonic Profile Optimization in Symmetric Multilevel Inverter used in Medical Electronic Equipments**" Current Signal Transduction Therapy, Vol.14, Issue.1, pp.12-20, February-2019
7. **Mr.Rajasekar, Dr.S.Muralidharan** published "**Optimal Placement of FACTS Devices for Voltage Stability Improvement with Economic Consideration Using Firefly Algorithm**" Current Signal Transduction Therapy, Vol.14, Issue.1, pp.4-10, February-2019
8. **Dr.J.Gnanavadivel, Miss.P.Yogalakshmi, Dr.N.Senthil Kumar, Dr.S.Muralidharan** published "**High efficient single stage Cuk LED driver for universal input voltage applications with improved power quality**" OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS , Vol.12, Issue.11-12, pp.694-699, December-2018
9. **Dr.M.Muhaidheen, Dr.S.Muralidharan, Mr.M.Anandhan** published "**ELECTRICAL SAFETY SYSTEM FOR INDUSTRY/RESIDENTIAL APPLICATIONS**" International Journal of Mechanical Engineering and Technology (IJMET), Vol.9, Issue.9, pp.755-760, September-2018
10. **Mr.B.Sakthisudhursun, Mr.S.Arockiaraj, Dr.S.Muralidharan** published "**Bus Clamping Techniques for Dual Inverter Fed Three-Level Open-end Induction Motor**" International Journal of Pure and Applied Mathematics, Vol.120, Issue.6, pp.11037-11051, August-2018
11. **Dr.M.Muhaidheen, Dr.S.Muralidharan** published "**INTERNET OF THINGS BASED ADVANCED SECURITY SYSTEM FOR ATM**" International Journal of Mechanical Engineering and Technology (IJMET), Vol.9, Issue.8, pp.722-726, August-2018
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12. **Mrs.Menaka, Dr.S.Muralidharan** published "**Symmetric and Asymmetric Multilevel Inverter Topologies with Device Count: A Review**" International Journal of Pure and Applied Mathematics, Vol.120, Issue.6, pp.10875-10904, August-2018
13. **Dr.M.Muhaidheen, Dr.S.Muralidharan** published "**LOW COST TENSEGRITY BASED EXPLORATION VEHICLE USING ARDUINO MICROCONTROLLER**" International Journal of Mechanical Engineering and Technology (IJMET), Vol.9, Issue.7, pp.1564-1569, July-2018
14. **Dr.P.Oliver Jayaprakash, Dr.K.Gunasekaran, Dr.S.Muralidharan** published "**soft computing based optimization of cargo vessel service time in a South Indian Port**" Journal of Advanced Research in dynamical and Control system, Vol.1, Issue.09, pp.1-4, July-2018
15. **Dr.S.Syed Ameer Abbas, Dr.P.Oliver Jayaprakash, Dr.S.Muralidharan** published "**Smart System for Crowd Management and Human Tracking**" Journal of Advanced reserach in Dynamical and Control systems, Vol.10, Issue.2, pp.1288-1304, July-2018
16. **Dr.P.Oliver Jayaprakash, Dr.K.Gunasekaran, Dr.G.Chandrasekaran, Dr.S.Muralidharan** published "**Probability Density Functions for Vessel arrivals served at Multicommodity Ports**" International Journal of Pure and Applied Mathematics, Vol.118, Issue.24, pp.1-15, May-2018
17. **Dr.S.Muralidharan, Miss.Vaishnavi, Dr.M.Muhaidheen, Mr.B.Sakthisudhursun** published "**Maximum Power Extraction Using Modified Regula Falsi power Tracker Algorithm**" International Journal of Pure and Applied Mathematics, Vol.118, Issue.24, pp.1-16, May-2018
18. **Miss.Vaishnavi, Dr.S.Muralidharan** published "**E-Drive for Dual Powered Eco-Friendly Hybrid Dory Boat in Fishery**" International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol.3, Issue.11, pp.107-114, November-2017
19. **Mrs.S.Anbarasi, Dr.S.Muralidharan** published "**INTELLIGENT TUNING OF PROPORTIONAL INTEGRAL DERIVATIVE CONTROLLER USING HYBRID BACTERIAL FORAGING PARTICLE SWARM OPTIMIZATION FOR AUTOMATIC VOLTAGE REGULATOR SYSTEM**" Revue roumaine des sciences techniques Série Électrotechnique et Énergétique, Vol.62, Issue.3, pp.325-331, October-2017
20. **Mrs.S.Menaka, Dr.S.Muralidharan** published "**Novel Symmetric and Asymmetric Multilevel Inverter Topologies With Minimum Number of Switches for High Voltage of Electric Ship Propulsion System**" Indian Journal of GeoMarine Sciences , Vol.46, Issue.9, pp.1920-1930, September-2017
21. **Dr.Selvaperumal, Dr.S.Muralidharan, Mr. P. NedumalPugazhenthii, Mr.G.Prabhakar, Mr.J. Bastin SolaiNazaren, Mr.P Parthiban Gnanaskanda**, published "**Performance Investigation of SHE PWM Implementation of GA Based LCL Resonant Inverter in Marine Applications**" Indian Journal of Geo-Marine Sciences (IJMS), Vol.46, Issue.9, pp.1889-1898, September-2017
22. **Mrs.S.Anbarasi, Dr.S.Muralidharan** published "**Metaheuristic Optimized PID tuning for Load Frequency Control of Multi- Area Multi- Source Power System with and without HVDC Link**" Journal of Electrical Engineering , Vol.17, Issue.2, pp.61-68, July-2017
23. **Dr.M.Muhaidheen, Dr.S.Muralidharan** published "**Performance Investigation of Power Quality in Distributed Generation System fed Smart Grid using different control strategies**" Journal of Electrical Engineering , Vol.17, Issue.2, pp.363-374, July-2017

24. **Mr.Deepak Hari, Dr.S.Muralidharan** published "**Simulation of Perturb & Observe MPPT Technique Using SEPIC Converter**" International Journal of Innovative Works in Engineering and Technology, Vol.3, Issue.2, pp.117-125, April-2017
25. **Mr.Rajasekaran, Dr.S.Muralidharan** published "**Firefly algorithm in determining maximum load utilization point and its enhancement through optimal placement of FACTS device**" Circuits and Systems, Vol.7, Issue.10, pp.3081-3094, August-2016
26. **Mrs.Anbarasi, Dr.S.Muralidharan** published "**Enhancing the Transient Performances and Stability of AVR System with BFOA Tuned PID Controller**" Journal of Control Engineering and Applied Informatics, Vol.18, Issue.1, pp.20-29, January-2016
27. **Mr.S.Ravikumar, Dr.M.Muhaidheen, Dr.S.Muralidharan** published "**PERFORMANCE INVESTIGATION OF SHUNT ACTIVE POWER FILTER UNDER VARIOUS CONTROL STRATEGIES IN DISTRIBUTION GENERATION SOURCE(DGS) ENVIRONMENT**" International Journal of Applied Engineering Research, Vol.10, Issue.9, pp.7477-7482, April-2015
28. **Mr.B.SatheeshPrabu, Dr.S.Muralidharan, Dr.M.Muhaidheen** published "**DESIGN AND DEVELOPMENT OF Z SOURCE INVERTER IN DGS ENVIRONMENT**" International Journal of Applied Engineering Research, Vol.10, Issue.9, pp.7463-7468, April-2015
29. **Mr.K.Prabakaran, Dr.S.Muralidharan, Dr.M.Muhaidheen** published "**DESIGN AND DEVELOPMENT OF POWER CONDITIONING CIRCUIT FOR FUEL CELL**" International Journal of Applied Engineering Research, Vol.10, Issue.9, pp.7507-7511, April-2015
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