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List of Publication for last five years

1. R.Vanitha,J.Baskaran, M.Sudhakaran "Multi objective Optimal Power flow with STATCOM using DE in WAFGP"published by Indian Journal of Science and Technology, Vol.8, No.2, Jan 2015.
2. T. Suresh Padmanabhan, S.Jeevananthan, M.Sudhakaran "An Adaptive Selective Current Harmonic Elimination Technique Using RLS Algorithm for Three Phase AC Voltage Controllers" published by AMSE Journals-2016-Series: Modelling A, Vol. 86, No. 2, 2016.
3. M. Dheebeeha, M.Sudhakaran, P.Ajay-D-Vimal Raj "Analysis of Shunt Hybrid Power Filter with Thyristor Controlled Reactor for Power Quality Improvement" published by Journal of Power Systems and Microelectronics, Vol.2, No.1, June 2016 41-50
4. J.Sanjeevikumar, M.Sudhakaran" Application of Integrated GA-PSO-TS Algorithm for Solving Hydro Thermal Scheduling Problem with Prohibited Operating Zones published by International Journal of Applied Engineering Research, Vol.11, No.6, April 2016.
5. K.Esaivanan,M.Sudhakaran,P.Ajay-D-Vimal Raj" Prevention of circulating current in bidirectional AC/DC converter" published by International Journal of Signal Processing Systems, Vol.2, No.1, June.2016.
6. M.Sudhakaran,P. Mahesh Kumar "Design of ANN based Adaptive hysteresis band control scheme for compensation of THD and Reactive power demand in PV teid grid system using DSTATCOM" published by International Journal of Computational Systems Engineering, Inderscience Publications, Vol.3, No.1, 2017.
- 7.Shanmuga Sundaram,M.Sudhakaran,P.Ajay-D-Vimal Raj "Tabu Search Enhanced Artificial Bee Colony Algorithm to Solve Profit Based Unit Commitment Problem with Emission Limitations in Deregulated Electricity Market"published by International Journal of Meta-Heuristics, Inderscience Publications, Vol.6, No.1, 2017
- 8.P.Ajay-D-VimalRaj,R.Sundaramurthy,S.Jeevananthan,M.Sudhakaran"Luenberger Algorithm Based Harmonics Estimator for Front End Rectifier And PWM-VSI"published by International Journal of Innovative works in Engineering and Technology, Vol.3, No.1, Feb.2017.
9. S. Prabakaran,T. Saranya,P.Ajay-D-Vimal Raj, M.Sudhakaran" Three Phase Four Wire DSTATCOM Strategy for Power Quality Improvement Using T Connected Transformer" published by International Journal on Recent Technologies in Mechanical and Electrical Engineering, Vol.4, No.4, April.2017.
10. P. Durai,M.Sudhakaran,P.Ajay-D-Vimal Raj "Amalgamated Nine switch Inverter with PV and Self Supported DVR System "published by International Journal of Electrical and ElectronicsEngineering, Special Issue April 2017.
11. Prabakaran .S, Tamilselvi .S, Ajay-D-Vimal Raj .P, Sudhakaran.M"Solution for Multi-area Unit Commitment Problem Using PSO-Based Modified Firefly Algorithm" published by

Advances in System, Control and Automation, Lecture Notes in Electrical Engineering, Vol 442. Springer, Singapore, 2018.

12. SoumenGorai, D. Sattianadan, M. Sudhakaran” Investigation of voltage regulation in grid connected PV system “published by Indonesian Journal of Electrical Engineering and Computer Science,Vol. 19, No. 3, September 2020.

13. Sudhakaran .M,Ajay-D-Vimal Raj P,Prabakaran S” Solar PV fed Water Pumping System through BLDC Drive Employing Zeta Converter “published by International Journal for Research in Applied Science and Engineering Technology, Vol.8, No.10, October 2020