Dr Vennila H Publications

INTERNATIONAL JOURNALS

- 1. Vennila, H., Prajith Prabhakar, (2017), Power quality improvement in micro grid using custom power devices, International Journal of Enterprise Network Management, 4(8), pp.327-339.
- 2. Vennila, H., Prajith Prabhakar, (2017), Fault Analysis of Predictive Based Static Compensator in Microgrids, International Journal of Applied Engineering Research, 12(18), pp.7176-7183.
- 3. Vennila, H., Prajith Prabhakar, (2017), Comparison between PI,Fuzzy and Predictive techniques for STATCOM to improve the transient stability of microgrid, International Journal of Mechanical Engineering and Technology, 8(8),pp. 819-829.
- 4. Prabhakar, Prajith & Vennila, H.. (2018). Improvement of power quality in microgrids using predictive controller. International Journal of Intelligent Systems Technologies and Applications. 17. 109. 10.1504/IJISTA.2018.10012888.
- Vennila, H., Ravikumar, (2018), THD minimization using genetic Algorithm on the nine level multi level inverters, International journal of Advanced Intelligent Paradysms.
- 6. Vennila, H., C.K.Faseela, (2017), Combined Economic and Emission dispatch with valve point effect using moth flame optimization Algorithm, International Journal of Mechanical Engineering and Technology, 8(8), pp26-37.
- 7. Vennila, H., C.K.Faseela, (2018), Merit Order Dispatch using Ant Lion Optimization Algorithm, International Journal of Civil Engineering,8(11), (SCOPUS)
- 8. Vennila, H., C.K.Faseela, (2018), Economic and Emission Dispatch using Whale Optimization Algorithm, International Journal of Electrical and Computer Engineering
- 9. S. Ravikumar, H. Vennila, B. Ajai, THD Minimization Using Genetic Algorithm on the Nine-level Multilevel Inverters. International Journal of Advanced IntelligenceParadigms, pp.306-321, (2020)[SCOPUS].
- 10. S. Ravikumar, H. Vennila, Hybrid Wind-Solar System An Optimized Approach for Efficient Power Generation. International Journal of Computer Aided Engineering and Technology, pp.154-167, (2020) [SCOPUS].

11. S. Ravikumar, H.Vennila, R. Deepak, Hybrid Power Generation System with THD Minimization using Improved Rider Optimization Algorithm: Analysis on Converters. Journal of Power Sources, 459 (2020)22802.5[SCI].