

Dr.D.Prince Winston

List of Journal Publications

1. A review on different design modifications employed in inclined solar still for enhancing the productivity, AE Kabeel, AM Manokar, R Sathyamurthy, DP Winston, SA El-Agouz, Journal of Solar Energy Engineering 141 (3), 031007.
2. Experimental investigation on pyramid solar still in passive and active mode, AM Manokar, DP Winston, R Sathyamurthy, AE Kabeel, AR Prasath, Heat Transfer 55 (4), 1045-1058, 2019.
3. Combination of Novel Converter Topology and Improved MPPT Algorithm for Harnessing Maximum Power from Grid Connected Solar PV Systems, BM Sundaram, BV Manikandan, BP Kumar, DP Winston, Journal of Electrical Engineering & Technology 14 (2), 733-746, 2019.
4. Robust detection of real-time power quality disturbances under noisy condition using FTDD features O Jeba Singh, D Prince Winston, B Chitti Babu, S Kalyani, Automatika 60 (1), 11-18, 2019.
5. Enhancement of potable water production from an inclined photovoltaic panel absorber solar still by integrating with flat-plate collector, AM Manokar, M Vimala, R Sathyamurthy, AE Kabeel, DP Winston, ..Environment, Development and Sustainability, 1-23,, 2019.
6. Effect of Insulation on Energy and Exergy Effectiveness of a Solar Photovoltaic Panel Incorporated Inclined Solar Still—An Experimental Investigation, AM Manokar, M Vimala, DP Winston, R Sathyamurthy, AE Kabeel, Solar Desalination , 2019.
7. Robust detection of real-time power quality disturbances under noisy condition using FTDD, OJ Singh, DP Winston, BC Babu, S Kalyani, B Praveen, MS Kumar, . AUTOMATIKA 60 (1), 11-18,, 2019.
8. Different parameters affecting the condensation rate on an active solar still—A review, RB A Muthu Manokar, M Vimala, D Prince Winston, R Ramesh, Ravishankar, Environmental Progress & Sustainable Energy 38 (1), 286-296, 2019.
9. Review of different methods employed in pyramidal solar still desalination to augment the yield of freshwater, AM Manokar, Y Taamneh, AE Kabeel, R Sathyamurthy, DP Winston, ..Desal Water Treat 136, 20-30, 2018.
10. Maximum power extraction in solar renewable power system-a bypass diode scanning approach, DP Winston, BP Kumar, SC Christabel, AJ Chamkha, R Sathyamurthy, Computers & Electrical Engineering 70, 122-136, 2018.
11. Experimental investigation on Peltier based hybrid PV/T active solar still for enhancing the overall performance, P Pounraj, DP Winston, AE Kabeel, BP Kumar, AM Manokar, ..Energy Conversion and Management 168, 371-381, 2018.
12. Comparative study of an inclined solar panel basin solar still in passive and active mode AM Manokar, DP Winston, JD Mondol, R Sathyamurthy, AE Kabeel, solar energy 169, 206, 2018.
13. Experimental investigation on hybrid PV/T active solar still with effective heating and cover cooling method, DP Winston, P Pounraj, AM Manokar, R Sathyamurthy, AE Kabeel, Desalination 435, 140-151, 2018.
14. Integrated PV/T solar still-A mini-review, AM Manokar, DP Winston, AE Kabeel, SA El-Agouz, R Sathyamurthy, ..Desalination 435, 259-267 , 2018.

15. Study on characterization and physicochemical properties of new natural fiber from *Phaseolus vulgaris*, B Gurukarthik Babu, D Prince Winston, P Senthamarai Kannan, Journal of Natural Fibers, 1-8, 2018.
16. Sustainable fresh water and power production by integrating PV panel in inclined solar still AM Manokar, DP Winston, AE Kabeel, R Sathyamurthy, Journal of cleaner production 172, 2711-2719, 2018.
17. Experimental investigation on hybrid PV/T active solar still with effective heating and cover cooling method, R Sathyamurthy, AE Kabeel, Desalination 435, 140-151, 2018.
18. Implementation of a Switched PV Technique for Rooftop 2kW Solar PV to Enhance Power during Unavoidable Partial Shading Conditions, BP Kumar, DP Winston, SC Christabel, S Venkatanarayanan, Journal of Power Electronics 17 (6), 1600-1610, 2018.
19. Implementation of a Switched PV Technique for Rooftop 2kW Solar PV to Enhance Power during Unavoidable Partial Shading Conditions, BP Kumar, DP Winston, SC Christabel, S Venkatanarayanan, Journal of Power Electronics 17 (6), 1600-1610, 2017.
20. Different parameter and technique affecting the rate of evaporation on active solar still-a review, AT Muthu Manokar A, Prince Winston D, Kabeel A. E, Ravishankar, Sathyamurthy. Heat and Mass Transfer, 1-38, 2017.
21. An enhanced optimization based algorithm for intrusion detection in SCADA network, S Shitharth, Computers & Security 70, 16-26, 2017.
22. Low cost and efficient power quality analyzer for small scale industries in South India, DPW Jeba Singh. O Journal of Electrical Engineering 17 (4), 163-17, 2017.
23. Comparative study of finned acrylic solar still and galvanised iron solar still AM Manokar, DP Winston Materials Today: Proceedings 4 (8), 8323-8327, 2017.
24. Experimental analysis of single basin single slope finned acrylic solar still, AM Manokar, DP Winston Materials Today: Proceedings 4 (8), 7234-7239, 2017.
25. A continuous health monitoring system for photovoltaic array using arduino microcontroller P Pounraj, DP Winston, SC Christabel, R Ramaraj, Circuits and Systems 7 (11), 3494-3503, 2016.
26. A novel IDS technique to detect DDoS and sniffers in smart grid, S Shitharth, DP Winston, 2016 World Conference on Futuristic Trends in Research and Innovation, 2016.
27. A New Probabilistic Relevancy Classification (PRC) based Intrusion Detection System (IDS) for SCADA network, S Shitharth, DP Winston, Journal of Electrical Engineering 16 (3), 278-288, 2016.
28. Single Parameter Fault Identification Technique for Three Phase Induction Motor through Wavelet Analysis and Fuzzy Logic, MS D. Prince Winston, G. Sakthivel, Journal of Electrical Engineering 16 (2), 2016.
29. A new probabilistic relevancy classification (PRC) based intrusion detection system (IDS) for SCADA network S S, DP & Winston, Journal of Electrical Engineering 16 (3), 2016.
30. Reconfiguration solution for extracting maximum power in the aged solar PV systems C S C, S A, P Winston D, P Kumar B Journal of Electrical Engineering 16 (3), 2016.

31. Couple matching best generation algorithm for partially shaded photovoltaic systems PWD Christabel S C, Srinivasan A, Journal of Electrical Engineering 16 (3), 2016.
32. Performance analysis of parabolic trough concentrating photovoltaic thermal system, AM Manokar, DP Winston, M Vimala, Procedia Technology 24, 485-491, 2016.
33. Permanent mismatch fault identification of photovoltaic cells using arduino, M Mahendran, V Anandharaj, K Vijayavel, DP Winston, ICTACT Journal on Microelectronics 1 (2), 79-82, 2015.
34. Analysis of PV Power Generation under Partial Shading and Hotspot Condition, R Ramaraj, P Pounraj, D Prince Winston, JS SakthiSuriya Raj, International Journal of Applied Engineering Research 10, 3443-3447, 2015.
35. A comparative analysis between two countermeasure techniques to detect DDoS with sniffers in a SCADA network, S Shitharth, DP Winston, Procedia Technology 21, 179-186, 2015.
36. An Appraisal on Security Challenges and Countermeasures in Smart Grid, DDPW, S. Shitharth, International Journal of Applied Engineering Research 10, pp.16591-16597, 2015.