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PUBLICATION UPLOAD (LAST 5 YEARS PUBLICATION LISTS)

1. A. Muthu Manokar, Yazan Taamneh, Abd Elnaby Kabeel, **D. Prince Winston**, P.Vijayabalan, D. Balaji, Ravishankar Sathyamurthy, S. Padmanaba Sundar, D. Mageshbabu, "Effect of water depth and insulation on the productivity of an acrylic pyramid solar still—An experimental study", Groundwater for Sustainable Development/ Elsevier, Vol. 10, 2020.
2. C. Sasikumar ,A. Muthu Manokar , M. Vimala , **D. Prince Winston** , A. E. Kabeel , Ravishankar Sathyamurthy, Ali J. Chamkha, "Experimental studies on passive inclined solar panel absorber solar still", Journal of Thermal Analysis and Calorimetry/ Springer, Vol. 139, 3649–3660, 2020.
3. **D. Prince Winston**, "Design of Sustainable PV Module for Efficient Power Generation during Faults", IEEE Transactions on Components, Packaging and Manufacturing Technology, Volume: 10, Issue: 3 , 389-392, 2020.
4. B. Gurukarthik Babu, **D. Prince Winston**, P. V. Aravind Bhaskar, R. Baskaran & P. Narayanasamy, "Exploration of Electrical, Thermal, and Mechanical Properties of Phaseolus vulgaris Fiber/Unsaturated Polyester Resin Composite Filled with Nano-SiO₂", Journal of Natural Fibers, 2020.

5. **D. Prince Winston**, S. Kumaravel, B. Praveen Kumar, S. Devakirubakaran, “Performance improvement of solar PV array topologies during various partial shading conditions”, Solar Energy/Elsevier, Vol 196, 228–242, 2019.
6. Hitesh Panchal ,Ravishankar Sathyamurthy, A. E. Kabeel, S. A. El-Agouz, DSilva Rufus ,T. Arunkumar , A. Muthu Manokar , **D. Prince Winston** , Atul Sharma , Nishant Thakar ,Kishor Kumar Sadasivuni, “Annual performance analysis of adding different nanofluids in stepped solar still”, Journal of Thermal Analysis and Calorimetry / Springer, Volume 138, pages3175–3182, 2019.
7. B. Gurukarthik Babu, **D. Prince winston**, P. SenthamaraiKannan, S.S. Saravanakumar & M. R. Sanjay, “Study on characterization and physicochemical properties of new natural fiber from Phaseolus vulgaris”, Journal of Natural Fibers/ Taylor & Francis, Vol 16-Issue 7, Pages 1035-1042, 2019.
8. **DP Winston**, “Efficient Output Power Enhancement and Protection Technique for Hot Spotted Solar Photovoltaic Modules”, IEEE Transactions on Device and Materials Reliability, 2019.
9. AE Kabeel, A Muthu Manokar, R Sathyamurthy, **D Prince Winston**, “A review on different design modifications employed in inclined solar still for enhancing the productivity”, Journal of Solar Energy Engineering 141 (3), 2019.
10. AM Manokar, **DP Winston**, R Sathyamurthy, AE Kabeel, AR Prasath, “Experimental investigation on pyramid solar still in passive and active mode Heat and Mass Transfer 55 (4), 1045-1058, 2019.
11. BM Sundaram, BV Manikandan, BP Kumar, **DP Winston**, “Combination of Novel Converter Topology and Improved MPPT Algorithm for Harnessing Maximum Power from Grid Connected Solar PV Systems”, Journal of Electrical Engineering & Technology 14 (2), 733-746, 2019.
12. Jeba Singh, **D Prince Winston**, B Chitti Babu, S Kalyani, “ Robust detection of real-time power quality disturbances under noisy condition using FTDD features”, Automatika 60 (1), 11-18, 2019.
13. C Sasikumar, AM Manokar, M Vimala, **DP Winston**, AE Kabeel, “Experimental studies on passive inclined solar panel absorber solar still”, Journal of Thermal Analysis and Calorimetry, 1-12, 2019.
14. AM Manokar, M Vimala, R Sathyamurthy, AE Kabeel, **DP Winston**, “Enhancement of potable water production from an inclined photovoltaic panel absorber solar still by integrating with flat-plate collector”, Environment, Development and Sustainability, 1-23, 2019.

15. AM Manokar, M Vimala, **DP Winston**, R Sathyamurthy, AE Kabeel, "Effect of Insulation on Energy and Exergy Effectiveness of a Solar Photovoltaic Panel Incorporated Inclined Solar Still—An Experimental Investigation" *Solar Desalination Technology*, 275-292, 2019.
16. RB A Muthu Manokar, M Vimala, **D Prince Winston**, R Ramesh, Ravishankar "Different parameters affecting the condensation rate on an active solar still—A review", *Environmental Progress & Sustainable Energy* 38 (1), 286-296, 2019.
17. AM Manokar, Y Taamneh, AE Kabeel, R Sathyamurthy, **DP Winston**, "Review of different methods employed in pyramidal solar still desalination to augment the yield of freshwater", *Desalin Water Treat* 136, 20-30, 2018.
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19. P Pounraj, **DP Winston**, AE Kabeel, BP Kumar, AM Manokar, "Experimental investigation on Peltier based hybrid PV/T active solar still for enhancing the overall performance", *Energy conversion and management* 168, 371-381, 2018.
20. AM Manokar, **DP Winston**, JD Mondol, R Sathyamurthy, AE Kabeel, "Comparative study of an inclined solar panel basin solar still in passive and active mode" *Solar Energy* 169, 206-216, 2018.
21. **DP Winston**, P Pounraj, AM Manokar, R Sathyamurthy, AE Kabeel, "Experimental investigation on hybrid PV/T active solar still with effective heating and cover cooling method", *Desalination* 435, 140-151, 2018.
22. AM Manokar, **DP Winston**, AE Kabeel, SA El-Agouz, R Sathyamurthy, "Integrated PV/T solar still-A mini-review", *Desalination* 435, 259-267, 2018.
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25. AT Muthu Manokar A, **Prince Winston D**, Kabeel A. E, Ravishankar Sathyamurthy, "Different parameter and technique affecting the rate of evaporation on active solar still-a review", *Heat and Mass Transfer*, 1-38, 2017.
26. S Shitharth, **DP Winston** "An enhanced optimization based algorithm for intrusion detection in SCADA network", *Computers & Security* 70, 16-26, 2017.

27. S Shitharth, DP Winston, "Comparison of PRC based RVM classification versus SVM classification in SCADA network", Journal of Electrical Engineering 17 (1), 318-331, 2017.
28. DPW Jeba Singh. O, **DP Winston**, "Low cost and efficient power quality analyzer for small scale industries in South India", Journal of Electrical Engineering 17 (4), 163-171, 2017.
29. AM Manokar, DP Winston, "Comparative study of finned acrylic solar still and galvanised iron solar still", Materials Today: Proceedings 4 (8), 8323-8327, 2017.
30. AM Manokar, **DP Winston**, "Experimental analysis of single basin single slope finned acrylic solar still", Materials Today: Proceedings 4 (8), 7234-7239, 2017.
31. S Shitharth, **DP Winston**, "A New Probablistic Relavancy Classification (PRC) based Intrusion Detection System (IDS) for SCADA network", Journal of Electrical Engineering 16 (3), 278-288, 2016.
32. **D.Prince winston**, G.Sakthivel, "Single Parameter Fault Identification Technique for Three Phase Induction Motor through Wavelet Analysis and Fuzzy Logic", Journal of Electrical Engineering 16 (2), 2016.
33. **DP.Winston**, "A new probabilistic relevancy classification (PRC) based intrusion detection system (IDS) for SCADA network", Journal of Electrical Engineering 16 (3), 2016.
34. C S C, S A, P Winston D, P Kumar B, "Reconfiguration solution for extracting maximum power in the aged solar PV systems", Journal of Electrical Engineering 16 (3), 2016.
35. PWD Christabel S C, Srinivasan A, "Couple matching best generation algorithm for partially shaded photovoltaic systems", Journal of Electrical Engineering 16 (3), 2016.
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