

Publications List of Dr.K.Dhayalini

1. **K. Dhayalini** & Vigneshwaran. P, 2020, “IOT and Renewable Energy Systems Based Connected Chair for Health Monitoring”, in Materials Science and Engineering 937 (2020) 012041 (**Scopus Indexed**)
2. **K. Dhayalini** & Priyadarshini. S.A, 2020, “Connected Chair for Health Monitoring Through IOT and Computer Vision.”, in Materials Science and Engineering 937 (2020) 012041 (Scopus Indexed)
3. K.S. Gowthaman, **K. Dhayalini** & S. Palaniyappan, 2020, “Locating Electric Vehicle Charging Station Depends On Vehicle Count/Density”, in High Technology Letters, Volume 26, Issue 7, pp: 751-759 (**Scopus Indexed**)
4. K. Dhayalini & Subramaniya Siva.A, 2020, “Flower pollination algorithm for economic dispatch problems with non-smooth cost function”, in IEEE Explore digital Library, pp:254-257 (Scopus Indexed)
5. K. Dhayalini & Mukesh. R, 2020, “Series voltage injection for the regulation of load voltage using SPWM based single phase inverter”, in IEEE Explore digital Library, pp:197-200 (Scopus Indexed)
6. K. Dhayalini & Prabhu. A, 2020, “Optimization of wind thermal coordination dispatch using Flower Pollination Algorithm”, in IEEE Explore digital Library, pp:488-492 (Scopus Indexed)
7. K. Dhayalini & S.Kirthika 2020, “Power Oscillation damping using UPFC” in International Journal of Scientific and Technology Research, Vol.9, No.4,pp:1256-1259 (Scopus Indexed)
8. Dhayalini.K & R. Mukesh, 2020, “Optimal setting and sizing of solar photovoltaic generation in an electrical distribution system” published in IEEE xplore digital, pp:01-05. (Scopus Indexed)
9. Durgadevi.A, Dhayalini.K & Saran Raj.R, 2019, “Performance of controllers for non linear process” published in International Journal of Electrical and Electronics Engineering, Vol.6, No.11, pp:01-06
10. Dhayalini.K & Priyadharshini. S.A, 2019, “Smart Energy meter and feedback system for effective utility of power” published in International Journal of Innovative research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.7, No.5, pp:90-95
11. Dhayalini.K & Priyadharshini.S.A, 2019, “A smart systematic approach for Licence registration process” published in International Journal of Innovative research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.7, No.5, pp:60-65

12. Dhayalini.K & Durgadevi.A, 2019, "Soldier health care monitoring and tracking system using LabVIEW and Zigbee" published in International Journal of Innovative research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.7, No.6, pp:14-18
13. Dhayalini.K, 2018, "Optimal allocation of distributed solar photovoltaic generation on electrical distribution system under uncertainties" published in Journal of Engineering Research, Kuwait University, Vol.6, No.3, pp: 151-169. (Scopus & SCI Indexed)
14. Dhayalini.K & Vinothini.N, 2018, "Design of multilevel inverter using Nearest Level Control Technique with reduced power switches" published in IEEE Xplore Digital Library, pp: 568-571. (Scopus Indexed)
15. Dhayalini.K & Mukesh.R, 2018, "Deterioration and non-deterioration waste separation using pick and place" published in IEEE Xplore Digital Library, pp: 96-99. (Scopus Indexed)
16. Dhayalini.K & Richard.S.P 2018 "Design and simulation of neutral point clamped multilevel inverter using HSVN algorithm" International Journal of Pure and applied mathematics, Vol.118, No.18, pp.2089-2095.(Scopus Indexed)
17. Dhayalini.K & Mukesh.R, 2018 "Active power filter for vehicle to grid application using bidirectional conversion techniques in manufacturing industries" International Journal of Pure and applied mathematics, Vol.118, No.18, pp.1971-1980. (Scopus Indexed)
18. Dhayalini.K & Mukesh .R, 2017, "Optimal tracing based real power loss in transmission lines" published in IEEE Xplore Digital Library, pp: 20-25. (Scopus Indexed)
19. Dhayalini.K, 2017, "Design and Development of Islanding detection Algorithm for control of micro-grid", Journal of Chemical and Pharmaceutical Sciences, Vol.10, No.1, pp.536-542. (Scopus Indexed)
20. Dhayalini.K & Durgadevi.A, 2017 "IOT based design and analysis of robotic vehicle movement for military applications" International Journal of Innovations & Advancement in Computer science, Vol.6, No.11, pp.668-673.
21. Dhayalini.K & Priyadharshni S.A, 2017 " MEMS multisensory based intelligent damage detection for wind turbines" International Journal of Computer and mathematical sciences Vol.6, No.11,pp181-189
22. Dhasarathan.R & Dhayalini.K, 2017, 'Flower Pollination Algorithm for Economic Dispatch problems with non smooth cost functions', International Journal of Innovative Research in Science, Engineering and Technology, Vol.6, No.6 pp.

23. Dhayalini. K, 2017, 'Hybrid Particle Swarm Optimization - Genetic Algorithm Based Optimal Dispatch of Wind and Thermal System', Asian Journal of Research in Social Sciences and Humanities, vol. 7, no.1, pp 364 -383. (Scopus Indexed)
24. Dhayalini. K, 2016, 'A novel electrical and mechanical MPPT for Solar Photovoltaic System at any climatic condition and sudden changes in the irradiance ', International Journal of Advancement in Chemistry, vol. 12, no.18, pp.5070 -5079.
25. Dhayalini. K, 2016, 'Optimization Of Wind-Thermal Coordination Dispatch Using Flower Pollination Algorithm', International Journal of Advancement in Chemistry, vol. 12, no.16, pp. 4963 – 4970.
26. Dhayalini. K, 2016, 'Locational Marginal Prices based Optimization of Integrated Wind power grids using Restructured Power System', International Journal of Electronics, Electrical and Computational system, vol. 05, no.11, pp. 64 -74,
27. Dhayalini. K, Sathiyamoorthy. S & Christofer Asir Rajan. C 2014, 'Genetic Algorithm for the coordination of wind-thermal dispatch', Przegląd Elektrotechniczny, Poland, vol.2014, no.9, pp.45-48.(Scopus Indexed)
28. Dhayalini. K, Sathiyamoorthy. S & Christofer Asir Rajan. C 2014, 'Performance Comparison of GA and PSO on Wind and Thermal Generation Dispatch', Advanced Materials Research, Switzerland, vol. 984, pp.759-763.
29. Dhayalini. K, Sathiyamoorthy. S & Christofer Asir Rajan. C 2014, 'Hybrid Evolutionary Particle Swarm optimization for the Coordination of wind and thermal generation dispatch', Applied Mechanics and Materials, Switzerland, vol. 573, pp.684-689.
30. Dhayalini. K, Sathiyamoorthy. S & Christofer Asir Rajan.C 2014, 'Evolutionary Programming based Optimal Wind and Thermal Generation Dispatch with valve point effect', International Review on Modelling and Simulations, Italy, vol.7, no.4, pp.598-604.