

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Journal Publications

S.No.,	Name of the author/s	Title of paper	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1.	Dr.Lijo Jacob Varghese	Solar PV and Wind Energy Based Reconfigurable Microgrid for Optimal Load Dispatch	Journal of Electrical Engineering & Technology	2023	2093-7423	https://link.springer.com/journal/42835
2.	Mr.T.Bharani Prakash	Automated Sorting of Tomatoes Using Deep Learning Algorithm	Journal of Survey in Fisheries Sciences	2023	2368-7487	https://sifisheriesciences.com/index.php/journal
3.	Mr.T.Bharani Prakash, Mr.P.Leninpugalhanthi	Super Capacitor Based Energy Storage for EV Systems	Indian Journal of Natural Sciences	2023	0976 – 0997	https://tnsroindia.org.in/journals.html
4.	Dr.Lijo Jacob Varghese	Performance Analysis of Microgrid Using Wind Power Based on Steady-State Voltage Stability	Electric Power Components and Systems	2023	1532-5016	https://www.tandfonline.com/doi/full/10.1080/15325016.2023.2240000
5.	Dr.C.Sakthi Gokul Rajan	Transient Voltage Stabilization Using Dynamic Voltage Restorer with ANN Controller-Based Reactive Power Compensation	European Chemical Bulletin	2023	2603-5346	https://www.eurchembull.com/
6.	Dr. C. Sakthi Gokul Rajan	COMA CARE: Body Movement and Health Monitoring for COMA Patient using IoT	European Chemical Bulletin	2023	2063-5346	https://www.eurchembull.com/
7.	Dr.Lijo Jacob Varghese	Design of Total Harmonic Distortion Reduction Using Quantum Coyote Optimization Algorithm for Hybrid Power Generation Systems	Journal of Circuits Systems and Computers	2023	0218-1266	https://www.worldscientific.com/worldscinet/jcsc

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8.	Dr.K.Vishnu Murthy	Review of Next-Generation Wireless Devices with Self-Energy Harvesting for Sustainability Improvement	Energies	2023	1996-1073	https://www.mdpi.com/journal/energies
9.	Dr.S.Jaisiva	Optimal Allocation of Distributed Generation for Power flow Enhancement in Distribution Network	Optimal Control Applications and Methods	2023	1099-1514	https://onlinelibrary.wiley.com/journal/10991514
10.	Mr.Ajith B.Singh	Novel PSO Tilt Integral derivative COntrol Strategy for Industrial Bannd Dryers used in Pyrotechniques for Environmental Protection	Journal of Environmental Protection and Ecology	2023	1311-5065	https://scibulcom.net/en/journal/1311-5065
11.	Mr.T.Bharani Prakash	FIR Filter Design using Hybrid Reverse Carry Propogate Adder	Journal of Data Acquisition and Processing	2023	1004-9037	http://www.sjcycl.cn/
12.	Dr.S.Jaisiva	Performance Analysis and Validation of Intelligent Tool based on Brownian Random Walk-based Sand Cat Swarm Optimization Algorithm for Parameter Identification of Various Solar Photovoltaic Mathematical Models	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2023	0894-3370	https://onlinelibrary.wiley.com/journal/10991204
13.	Dr.S.Jaisiva	A Multi Objective time series optimization approach for optimum planning design of a municipality Integrative Power system Incorporating the effects of multi-dimensional sources of Uncertainty	Electric Power Components and Systems.	2023	1532-5016	https://www.tandfonline.com/toc/uemp20/current
14.	Mr.J Dhanaselvam	An IoT-Based System for Monitoring Parameters and Passive Cell	SAE Techpapers	2023	2688 -	

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		Balancing of a Lithium-Ion Battery Pack in a Fixed Environmental Temperature Setting			3627	https://www.sae.org/publications/technical-papers
15.	Ms.G.Sukanya	Elevating your travel experience by unveiling next level flight ticket booking features	Solovyov Studies	2023	2076-9210	https://solovyov-studiesispu.com/
16.	Ms.V.Sanjana Devi	Synthesis of nitrogen-doped zinc oxide nanomaterials for hydrogen gas sensing applications	Journal of Materials Science	2023	0022-2461	https://link.springer.com/journal/10853
17.	Dr.S.Jaisiva	Initial condition based real time classification of power quality disturbance using deep convolution neural network with bidirectional long short-term memory	IET Generation, Transmission & Distribution	2023	1751-8687	https://digital-library.theiet.org/content/journals/iet-gtd
18.	Dr.K.Vishnu Murthy	Nature-Inspired Energy Enhancement Technique for Wireless Sensor Networks	Energies	2023	1996-1073	https://www.mdpi.com/journal/energies
19.	Dr.G.Sophia Jasmine	Optimal Location for an EVPL and capacitors in grid for voltage profile and power loss: FSO-SNN approach	Expert Systems with Applications	2023	0957-4174	https://www.sciencedirect.com/journal/expert-systems-with-applications
20.	Dr.S.Jaisiva	A novel solution for the optimal reactive power dispatch problem using an artificial neural network integrated with the firefly optimization algorithm	Frontiers in Energy Research	2023	2296-598X	https://www.frontiersin.org/journals/energy-research
21.	Dr.K.P.Suresh	Performance Analysis of Voltage Profile Improvement in AVR System using Zebra Optimization Algorithms based on PID Controller	Advances in Electrical and Electronic Engineering	2023	2772-6711	http://advances.utc.sk/index.php/AEEE



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22.	Dr.K.P.Suresh	Unit vector template control strategy-based harmonic mitigation and charging with three phase–three level– three switch Vienna rectifier for Level 3 electric vehicle charging applications	International Journal of Circuit Theory and Applications	2023	0098-9886	https://onlinelibrary.wiley.com/journal/1097007 X
23.	Ms.G.Sukanya	Effect of Chemically Pretreated Water Hyacinth Co-Digested with Poultry Litter in Anaerobic Digestion	Materials Science Forum	2023	1662-9752	https://www.scientific.net/MSF
24.	Dr.S.Dilip Kumar	Hybrid renewable energy source optimization using black widow optimization techniques with uncertainty constraints	Measurements: Sensors	2023	2665-9174	https://www.sciencedirect.com/journal/measurement-sensors
25.	Dr.J.Jency Joseph	Random forest machine learning algorithm based seasonal multi-step ahead short-term solar photovoltaic power output forecasting	IET Renewable Power Generation	2023	1752-1416	https://ietresearch.onlinelibrary.wiley.com/journal/17521424