



PANIMALAR ENGINEERING COLLEGE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING JOURNAL PUBLICATIONS AY 2024-25

S.NO	AUTHORS	PAPER TITLE	JOURNAL NAME	INDEXED (UGC CARE/ SCOPUS/ WOS)	LINK
1.	S.Selvi, et.,al.,	Levy Based smooth synchronization of microgrid integrated with multiple renewable sources	Electrical Engineering	WOS	https://link.springer.com/article/10.1007/s00202-024-02494-6#citeas
2.	Selvi, et.,al.,	Enhancing Performance optimization of an interleaved boost converter with water cycle optimized PO algorithm-based MPPT for the applications of solar-powered E-vehicles	International Journal of Renewable Energy Research	WOS	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/14277

3.	Selvi, et.,al.,	Enhancing Short-Term PV Power Forecasting Using Deep Learning Models: A Comparative Study of DNN and CNN Approaches	SSRG International Journal of Electrical and Electronics Engineering	SCOPUS	https://www.internationaljournalsrsg.org/IJEE/2024/Volume11-Issue8/IJEEE-V11I8P107.pdf
4.	Silas Stephen, et.,al.,	Dynamic Opportunistic Networking For Crowdsourced Waste Management And Pollution Control	Journal of Environmental Protection and Ecology	SCOPUS	https://scibulcom.net/en/article/7u34Z8PdD0wCWK0LjM43
5.	Silas Stephen, et.,al.,	A Hybrid Optimization for Distributed Generation and D-STATCOM Placement in Radial Distribution Network: A Multi-faceted Evaluation	Engineering Research Express	WOS	https://iopscience.iop.org/article/10.1088/2631-8695/ad734c
6.	R.Dharma Prakash, et.,al.,	Integrating machine learning techniques for Air Quality Index forecasting and insights from pollutant-meteorological dynamics in sustainable urban environments	Earth Science Informatics	WOS	https://link.springer.com/article/10.1007/s12145-024-01382-8
7.	R.Dharma Prakash, et.,al.,	Enhancing off-grid wind energy systems with controlled inverter integration for improved power quality	Electrical Engineering and Electromechanics	WOS	http://eie.khpi.edu.ua/article/view/308984/300539
8.	S.Deepa, et.,al.,	Optimal fuzzy controller for speed control of DC drive using salp swarm algorithm	International Journal of Power Electronics and Drive Systems (IJPEDS)	SCOPUS	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/22900

9.	S.Deepa, et.,al.,	Machine learning applications for predicting system production in renewable energy	International Journal of Power Electronics and Drive Systems (IJPEDS)	SCOPUS	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/23263/14701
10.	Manoj Kumar N,et.,al.,	Torque fault compensation in electric vehicle switched reluctance motor drives: A jellyfish search optimization method	Optimal Control Applications and Methods	WOS	https://onlinelibrary.wiley.com/doi/10.1002/oca.3133
11.	B. Muthuraj, et., al.,	Seasonal Performance Analysis and Comparative Evaluation of Wind Power Prediction Models Using Machine Learning Techniques	Journal of Sustainability Research	SCOPUS	https://sustainability.hapres.com/htmls/JSR_1601_Detail.html
12.	B. Muthuraj, et., al.,	Fuzzy Inference System For Pulmonary Fibrosis Disease Identification Through Chest X-Ray Imaging	Journal of Environmental Protection and Ecology	SCOPUS	https://scibulcom.net/en/article/kyuNliGaX8uhfWAY654s
13.	R.J.Vijaya Saraswathi, et.,al.,	Hybrid energy management strategy for ultra-capacitor/battery electric vehicles considering battery degradation	Electrical Engineering	WOS	https://link.springer.com/article/10.1007/s00202-024-02533-2
14.	N. Karthikeyan., et.al.,	Enhancing electric vehicle charging stations in DC microgrid using KOA–DRN approach	Electrical Engineering	WOS	https://link.springer.com/article/10.1007/s00202-024-02510-9

15.	N. Karthikeyan., et.al.,	Economic assessment of efficient hydrogen production-based hybrid renewable energy system: OOA-RBFNN approach	Electrical Engineering	WOS	https://link.springer.com/article/10.1007/s00202-024-02634-y
16.	K.Kirubakaran, et.,al.,	Enhanced Predictive Model for Grid Stability Using Hybrid GBM-LSTM Approach	International journal of renewable energy research	WOS	https://www.scopus.com/authid/detail.uri?authorId=57741625500
17.	S.Pushpa,et.,al.,	Leveraging machine Learning for Sustainable Integration of renewable energy generation	Indonesian Journal of Electrical Engineering and Computer Science	SCOPUS	https://ijeecs.iaescore.com/index.php/IJECS/article/view/38071/18781
18.	S.Amudha Priya, et.al.	Improved load frequency control in dual area hybrid renewable power systems utilizing PID controllers optimized by the salp swarm algorithm	International Journal of Power Electronics and Drive Systems(IJPEDS)	SCOPUS	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/23201/14688