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Department of Electrical and Electronics Engineering

Academic Year 2024-25

PUBLICATIONS

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ ISSN Number	Vol/Month	Index No UGC/ Scopus	URL/DOI
1.	**Dr. B. Rajani**	A hybrid approach based economic assessment EV charging station powered by integrating solar PV and biomass	Journal of Energy Storage	2352-152X	Volume 96, 15 August 2024, 112488, Pages 1-13	SCI	https://doi.org/10.1016/j.est.2024.112488
2.	M.V.Kumar Reddy	Intelligent Control Design and Fault Prediction for Renewable Energy sources Using Bi-Directional GRU and GEO Method	Electric power component and systems	1532-5016	Volume 52,2024,issue-2	**SCI**	https://doi.org/10.1080/15325008.2023.2218368
3.	Dr. Sirisha Narkedamilli	Deep Learning Based Malware Detection	Journal of Theoretical and Applied Information Technology	1992-8645	Volume 102 issue12 May 2023	**Scopus**	https://www.jatit.org/volumes/Vol102No12/10Vol102No12.pdf
4.	Dr. Adireddy Ramesh	The PerformanceAnalysis Of Precoded SpaceTime FRequency MIMO-GFDM Over Rayleigh Fading Channels	Institute of Mechanics of Continua and Mathematical Sciences	ISSN (Online) : 2454 -7190 (Print) 0973-8975	Vol.-19,Sep 2024, pp 35 - 47	**Scopus**	https://www.journalimcms.org/journal/the-performance-analysis-of-precoded-space-time-frequency-mimo-gfdm-over-rayleigh-fading-channels/
5.	V.Ramakrishna	AI-Driven Simulation of Complex Physical Systems: Insights from Statistical Mechanics	Letters in High Energy Physics	2632-2714	Oct 2024 Pages:729-740	**Scopus**	https://lettersinhighenergyphysics.com/index.php/LHEP/article/view/648

6.	V.Ramakrishna	Optimization of hybrid renewable energy systems using AI Algorithms A Case study approach	Nanotechnology Perceptions	1660-6795	Oct 2024 20 No. S13 (2024) pages1068-1085	Scopus	https://nano-ntp.com/index.php/nano/article/view/2583
7.	Subba Raju, M.P	Assessment of Innovative Technologies for Hazardous Waste Treatment and Remediation Review: A Sustainable Approach for Environmental Protection	Global Nest Journal	05950	Vol 26, No 7, Oct 2024 ,	Scopus	https://doi.org/10.30955/gnj.005950
8.	Mummidi P Subbaraju	**IoT-Based Intelligent Energy Management for EV Charging Stations**	IAENG International Journal of Computer Science	1819-9224	Vol 51, Nov 2024	**SCOPUS**	https://www.scopus.com/sourceid/15900154752
9	Kambampati Lakshmi	Implementation of ANFIS-based UPQC for Power Quality and Thermal Management Enhancement in the Distribution System	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2289-7879	Vol. 122, Issue 2 October 2024	Scopus	https://doi.org/10.37934/arfmts.122.2.191201
10	Dr.Vijay M	Direct Normal Irradiance Prediction-Based Optimum Interval Tilt Angles for Enhancement of Energy Output, Levelized Cost of Energy, and CO_2 Emission in a Grid-Connected Photovoltaic System	Journal of Solar Energy Engineering	0199-6231	Vol, 147 issue 3 November 2024	SCI	https://doi.org/10.1115/1.4066841
11	Mrs. K.Lakshmi	Implementation of Interleaved Converter for Fast Charging Stations	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2289-7879	Vol 124, Issue 1 Dec-(2024)	Scopus	https://doi.org/10.37934/arfmts.124.1.128143
12	Mr. T.Lakshmi Narayana	Analyzing the Effectiveness of ML and DL in Combatting Personal Condition Misinformation on Social Media	IAENG International Journal of Computer Science	1819-9224	Volume 52, Issue 1, January 2025	Scopus	https://www.iaeng.org/IJCS/issues_v52/issue_1/IJCS_52_1_23.pdf

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