

**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 issue 12 May 2023	Scopus	https://www.jatit.org/volumes/Vol102No12/10Vol102No12.pdf
4.	Dr. Adireddy Ramesh	The Performance Analysis 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://lettersinhighenergypysics.com/index.php/LHEP/article/view/648

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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://nanontp.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

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