

S.No	Title of the paper	Name of the author/s	Name of the journal	Year of publication	National / International	ISSN Number
1	Enhancing Demand Response Scheduling in Smart Grids With Integrated Renewable Energy So	GANESH RAJA SEKHAR GODA	Advanced Theory and Simulation	2025	International	25130390
2	A deep learning and IoT-driven framework for real-time adaptive resource allocation and grid	Sarada Kota	Scientific Reports	2025	International	204523221
3	Squirrel search algorithm based intelligent controller for interconnected power system	Kiran Kumar Malligunta	International Journal of Modelling and Simulation	2025	International	2286203
4	Optimizing sustainable energy management in grid connected microgrids using quantum particlejyothi	Batchalakuri	Scientific Reports	2025	International	2045-23-22
5	Improving the suitability of triple blend biodiesel in a low heat rejection diesel engine with the Tadanki	Vijay Muni	Indian Journal of Chemical Technology	2025	International	0971-457X
6	High-performance fault diagnosis of smart grid insulators using YOLOv1-based instance segm	Kiran Kumar Malligunta	Energy Exploration and Exploitation	2025	International	1445987
7	Ultra-Low Latency Optimization in 6G Consumer Electronics Using Synergistic Graph-Reinforce	Pandian Alagappan	IEEE Transactions on Consumer Electronics	2025	International	1558-4127
8	Tragacanth gum as a green compatibilizer for natural fiber-polymer interfaces in hybrid compc	GANESH RAJA SEKHAR GODA	Bioresource Technology Reports	2025	International	2589014X
9	DDSRF Theory based Solar assisted RELIFT Luo Converter with UPC used in Voltage Enhancen	Lovewara Rao Burthi	WSSEAS Transactions on Power Systems	2025	International	17905060
10	Advanced Energy Management System: Z-Source Converter Integration and Swarm-Optimized	GANESH RAJA SEKHAR GODA	Journal of The Institution of Engineers (India): Series B	2025	International	22502106
11	Smart Optimization for Environmental and Economic Dispatch with Renewable Energy Integra	Sarada Kota	SSRG International Journal of Electrical and Electronics Engineering	2025	International	23488379
12	A Switched Capacitor â€¢ Inductor High Gain DC-DC Converter for Solar PV Applications	Sarada Kota	International Journal of Electrical and Electronics Research	2025	International	23474705
13	Development of dual functional converter for drive and charging power conversion for EV driv	Kiran Kumar Malligunta	International Journal of Power Electronics and Drive Systems	2025	International	20888694
14	Enhanced Controller With Z-Source Converter for Voltage Regulation and Power Factor Improv	Kiran Kumar Malligunta	Advanced Control for Applications: Engineering and Industrial Systems	2025	International	25780727
15	A versatile three-level CLLC resonant converter for off-board EV chargers with wide voltage ad	Srinivasa Varma Pinni	International Journal of Power Electronics and Drive Systems	2025	International	2088-8694
16	ADDRESSING SECURITY CHALLENGES IN DECENTRALIZED ACCESS CONTROL: A BLOCKCHAIN AN	Tadanki Vijay Muni	Journal of Theoretical and Applied Information Technology	2025	International	1992-8645
17	Deep-Learning-Based Controller for Parallel DSTATCOM to Improve Power Quality in Distribut	Srinivasa Varma Pinni	Energies	2025	International	19961073