



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Autonomous)

(Approved by A.I.C.T.E & Affiliated to JNTUGV, Vizianagaram)

Accredited by NBA and NAAC with 'A' Grade

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Conferences

S. No .	Name of the Faculty	Title of the Paper	Title of Conference/Seminar	Month & Year	ISBN	Whether National/ International	Publisher	Link of journals
1	Mr.J.Vijaychandra	Optimal Design of the Outer-Rotor BLDC Motor for Electric Bike	2025 Progress in Applied Electrical Engineering (PAEE)	September 2025	979-8-3315-6722-4	International	IEEE	https://ieeexplore.ieee.org/abstract/document/11156000
2	Mr.J.Vijaychandra, Mrs.B.Vanajakshi	Optimal Setting of ANN Weights using Resilient Backpropagation Approach in a Grid Connected Solar PV System	2025 IEEE Wireless Antenna and Microwave Symposium (WAMS)	September 2025	979-8-3315-2554-5	International	IEEE	https://ieeexplore.ieee.org/document/11157960?denied=
3	Mr. T.Sravya, Mr.M.Satish, Mr.J.Vijaychandra	Active Cell Balancing Using Buck Boost Converter for Lithium-Ion Batteries	2025 IEEE Wireless Antenna and Microwave Symposium (WAMS)	September 2025	979-8-3315-2554-5	International	IEEE	https://ieeexplore.ieee.org/document/11157951
4	Mr.A.Anil Kumar	Hybrid Passive-Active Anti-Islanding Methods for PV Systems: NDZ Reduction and Multi-Inverter Interaction Analysis	2025 International Conference on Communication, Computer, and Information Technology (IC3IT)	January 2026	979-8-3315-2483-8	International	IEEE	https://ieeexplore.ieee.org/document/11341704
5	Dr.T.Papi Naidu	Zero Trust Architecture for Secure Smart City Infrastructure Using AI-Powered Authentication	International Symposium on Sustainable Energy, Signal Processing and Cybersecurity	February 2026	979-8-3315-9524-1	International	IEEE	https://ieeexplore.ieee.org/abstract/document/11388720
6	Dr.M.Venkateswaran, Dr.K.Praveen Kumar Yadav	Artificial Intelligence-Enabled Energy Management: A Mixed-Methods Evaluation of Performance	2025 International Conference on Modern Sustainable Systems (CMSS)	October 2025	979-8-3315-6510-7	International	IEEE	https://ieeexplore.ieee.org/abstract/document/11182497
7	Mr.G.Sanyasi Naidu, Mr.J.Vijaychandra	A Deep Learning Framework with Attention Mechanisms for Voltage Stability Classification in EV Charging Systems	2025 1st International Conference on Data Science and Intelligent Network Computing (ICDSINC)	March 2026	979-8-3315-6524-4	International	IEEE	https://ieeexplore.ieee.org/abstract/document/11448272
8	Dr. B. Parusharamulu, Mrs.K. Anitha, Mrs.K.Nagamani	FPGA Based SPWM Control for Three Phase Three Level Inverter	2025 International Conference on Power Electronics and Energy (ICPEE)	December 2025	979-8-3315-6637-1	International	IEEE	https://ieeexplore.ieee.org/abstract/document/11411155
9	Mr.A.Anil Kumar	Cyber Security in Wireless Charging Systems for Electric Vehicles	2026 International Conference on Signal Processing and Electronic Design (ICSPED)	April 2026	978-1-6654-7806-9	International	IEEE	10.1109/ICSPED65817.2026.11448488



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CAY-2025-26 BOOK CHAPTERS

Sl. No.	Name of the Faculty	Title of the Paper	Title of Book	Month & Year	Publisher	ISBN	Web link of Publication
1	Mr.J.Vijaychandra, Mr.K.Ravisankar	Optimum interconnection of connection weights of an ANN employing metaheuristic approaches: A comparative analysis	AI Powered Technology Integration for Sustainability	July 2025	AIP	-	https://pubs.aip.org/aip/acp/article-abstract/3298/1/040037/3352122/Optimum-interconnection-of-connection-weights-of-of?redirectedFrom=fulltext
2	Mr.J.Vijaychandra	Scaled Conjugate Gradient Control Machine Learning Algorithm for Switching of Boost Converters Employed in a Grid Tied Solar PV Systems	AI-Driven Solutions and Emerging Power Technologies for Sustainable Future:	January 2026	Springer	978-981-95-2419-8	https://link.springer.com/chapter/10.1007/978-981-95-2419-8_12



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			Proceedings of International Conference, ETAEE 2024				
3	Mr.J.Vijaychandra	Analysis of Solar PV-Powered Reduced Component Switched-Capacitor-Based Multilevel Inverter	Multilevel Inverter Technology for Renewable Energy Systems: Enhancing Efficiency and Sustainability Through Advanced Power Conversion Solutions	January 2026	Springer Nature Switzerland	978-3-032-03589-9	https://link.springer.com/chapter/10.1007/978-3-032-03589-9_4
4	Mr.J.Vijaychandra, Dr.B.Parusharamulu	Novel Switched Capacitor Self-Balanced Reduced	Multilevel Inverter Technolog	January 2026	Springer Nature Switzerland	978-3-032-03589-9	https://link.springer.com/chapter/10.1007/978-3-032-03589-9_6



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		Switch Multilevel Inverter for Photovoltaic System	y for Renewable Energy Systems: Enhancing Efficiency and Sustainability Through Advanced Power Conversion Solutions				
5	Mr.J.Vijaychandra	Teaching learning-based optimized artificial neural network for predicting the maximum power point of a large-scale grid-connected solar PV system	Advanced Analytics for Reliability and Resilience of Energy System	January 2026	Elsevier	9780443247231	https://www.sciencedirect.com/science/chapter/edited-volume/abs/pii/B9780443247224000045