



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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CAY-2025-26 (SCI/ESCI/WOS/Scopus/Others)

S.No	Name of the Faculty	Title of the paper	Details of the Publication			ISSN No	National / International	Impact factor	Citation	Publisher	Web Link of journals
			Name of the Journal	Volume	Month & Year						
1	Dr.B.Parusharamulu, , Dr.K.Subbaramaiah	Optimal power management and robust control scheme for AC–DC microgrid involving renewable and conventional sources	Electrical engineering	107	June 2025	1432-0487	International	1.9	-	Springer	https://link.springer.com/journal/202
2	Dr.B.Parusharamulu,	Feature-driven fruit classification using leveraging machine learning algorithms and nano semiconductor sensors	International Journal of Nano Dimension	16	October-2025	2228- 5059	International	1.2	-	OICC Press	https://oiccpres.com/ijnd/article/view/16815
3	Dr.P.Janaki	Impact of Parasitics on the Dynamic Performance of Capacitor Clamped Bidirectional DC–DC Converter	IET Power Electronics	18	June 2025	1755-4543	International	1.9	-	Wiley	https://ietresearch.onlinelibrary.wiley.com/journal/17554543
4	Mr. J. Vijaychandra, Mr. K. Vedaprakash, Mrs. B. Vanajakshi	An Evaluation of a medium-power Grid- Integrated Solar Photovoltaic System MPPT Energy Capturing Capability Using ANN	International Journal of and Electronics Telecommunications	71	July 2025	2300-1933	International	0.7	-	Polish Academy of Sciences	https://ijet.pl/index.php/ijet/article/view/10.24425-ijet.2025.153630
5	Mr.K.Veda Prakash, Mrs.T.Sravya	AI-Driven Adaptive Power Management system with Multi-source DC supply, PI and PID Motor Control	International Journal of Environmental Sciences	11	September 2025	2229-7359	International	-	-	-	https://theaspd.com/index.php/ijes/article/view/10607
6	Dr.K.Praveen Kumar Yadav	E-bikes unplugged: exploring the evolution and environmental benefits of electric cycling	International Journal of Advances in Applied Sciences (IJAAS)	14	December 2025	2252-8814	International	-	-	Intelektual Pustaka Media Utama (IPMU)	https://ijaas.iaescore.com/index.php/IJAAS/article/view/21857
7	Dr.B.V.S.Acharyulu	Capacitor and Super capacitor reliability analysis utilizing NEO-FUZZY Neural Learning	Journal of Theoretical and Applied Information Technology	103	October 2025	1992-8645	International	0.594	-	--	chrome-extension://efaidnbmninnnibpcajpegclefindmkaj/https://www.jatit.org/volumes/Vol1103No19/11Vol1103No19.pdf
8	Mrs.K.Aswini	A Robust Machine Learning Based Ssytem for Battery Grading and Lifecycke Prediction for Electric Vehicle Aplications	International Journal of Information Technology	17	August 2025	2511-2112	International	-	-	Springer	https://link.springer.com/article/10.1007/s41870-025-02712-9
9	Dr.K.Subbaramaiah	Hybrid DSTATCOM Design Using Deep Belief Networks for Enhanced Power Quality Assessment	Power Electronics and Drives	11(1)	January 2026	2543-4292	International	1.5	-	-	https://www.ped.pwr.edu.pl/Hybrid-DSTATCOM-Design-Using-Deep-Belief-Networks-for-Enhanced-Power-Quality-Assessment,218867,0,2.html
10	Dr.M.Venkateswaran	Integrating Fault Detection and Output Regulation in Electric Vehicle Power Converters	Journal of Circuits, Systems and Computers		January 2026	1793-6454	International	1,0	-	-	https://www.worldscientific.com/doi/epdf/10.1142/S02181266265011



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11	Dr.M.Venkateswaran, Mr.K.Ravi Sankar	A compact dual-output Boost-SEPIC converter with digital predictive current control for automotive accessory power applications	Engineering Research Express	8(2)	January 2026	2631-8695	International	1.6	-	IOP Science	https://iopscience.iop.org/article/10.1088/2631-8695/ae345d
12	Dr.T.Papinaidu	Optimal battery selection for electric vehicles: a comparative ranking approach	International Journal of Applied Power Engineering (IJAPE)	15(1)	March-2026	2252-8792	International	-		-	https://ijape.iaescore.com/index.php/IJAPE/article/view/21744
13	Mr.J.Vijaychandra	Design and Analysis of a Reduced Switched-Capacitor Multilevel Inverter-Fed PMSM Drive for Solar-Battery Electric Vehicles Using Rat Swarm Optimization	Algorithms	19(4)	April 2026	1999-4893	International	2,1		MDPI	https://www.mdpi.com/1999-4893/19/4/313
14	Mr.J.Vijaychandra	Adaptation of the whale optimization algorithm to multi-objective and constrained optimization of the brushless DC motor	Maintenance and Reliability	28(4)	April 2026	2956-3860	International	3.1		Polish Maintenance Society	https://ein.org.pl/Adaptation-of-the-whale-optimization-algorithm-to-multi-objective-and-constrained,220513,0,2.html
15	Dr.B.V.S.Acharyulu	Design and implementation of advanced inverter control mechanisms to maximize hosting capacity in solar photovoltaic systems combined with battery energy storage	Journal of Energy Storage	152(B)	March 2026	2352-1538	International	9.8		Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S2352152X25048054
16	Dr.M.Venkateswaran, Mr.K.Ravisankar, G.Sanyasi Naidu	Prognostic Current Control and Fault Detection using diode current for Solar-Fed Multiport Power Converters	Engineering Research Express		April 2026	2631-8695	International	1.6		IOP	https://iopscience.iop.org/article/10.1088/2631-8695/ae62d4/meta