



# 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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## ACY 2024-25 (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	Year						
1	Dr.Yatindra Gopal	Implementation and analysis of switched-capacitor multilevel inverters in solar photovoltaic system	Sustainable Energy Technologies and Assessments	75	2025	2213-1396	International	7.1	-	Elsevier	<a href="https://www.sciencedirect.com/science/article/abs/pii/S221313882500058X">https://www.sciencedirect.com/science/article/abs/pii/S221313882500058X</a>
2	Dr.Yatindra Gopal	Prediction of dengue patients using deep learning methods amid complex weather conditions in Jaipur, India	Discover Public Health	22	2025	3005-0774	International	3.6	-	Springer	<a href="https://link.springer.com/article/10.1186/s12982-025-00448-2">https://link.springer.com/article/10.1186/s12982-025-00448-2</a>
3	Dr.Yatindra Gopal	Power coordination and control of DC Microgrid with PV and hybrid energy storage system	International Journal of Emerging Electric Power Systems (ESCI)	25	October 2, 2024	1553-779X	International	0.8	-	DE GRUYTER	<a href="https://www.degruyter.com/document/doi/10.1515/ijeeps-2023-0328/html">https://www.degruyter.com/document/doi/10.1515/ijeeps-2023-0328/html</a>
4	Dr.Yatindra Gopal	Novel Current-Fed Bidirectional DC-DC Converter for Battery Charging in Electric Vehicle Applications With Reduced Spikes	Electricity (ESCI)	05	06 December 2024	2673-4826	International	-	-	MDPI	<a href="https://www.mdpi.com/2673-4826/5/4/52">https://www.mdpi.com/2673-4826/5/4/52</a>
5	Mr. K. Ravishankar	Power coordination and control of DC Microgrid with PV and hybrid energy storage system	International Journal of Emerging Electric Power Systems (ESCI)	25	October 2, 2024	1553-779X	International	0.8	-	DE GRUYTER	<a href="https://www.degruyter.com/document/doi/10.1515/ijeeps-2023-0328/html">https://www.degruyter.com/document/doi/10.1515/ijeeps-2023-0328/html</a>
6	Dr. Parusharamulu Buduma	Power coordination and control of DC Microgrid with PV and hybrid energy storage system	International Journal of Emerging Electric Power Systems (ESCI)	25	October 2, 2024	1553-779X	International	0.8	-	DE GRUYTER	<a href="https://www.degruyter.com/document/doi/10.1515/ijeeps-2023-0328/html">https://www.degruyter.com/document/doi/10.1515/ijeeps-2023-0328/html</a>
7	Dr. Parusharamulu Buduma	Solar tracking systems: Advancements, challenges, and future directions: A review	Energy Reports (SCIE)	12	December 2024	2352-4847	International	4.7	-	ELEEVIER	<a href="https://www.sciencedirect.com/science/article/pii/S2352484724006164">https://www.sciencedirect.com/science/article/pii/S2352484724006164</a>
8	Dr. Parusharamulu Buduma	Plasmonic pregnancy detector: enhancing sensitivity with SPR sensor	Optical and Quantum Electronics (SCIE)	56	18 August 2024	1572-817X	International	2.7	10	SPRINGER	<a href="https://link.springer.com/article/10.1007/s11082-024-07342-2">https://link.springer.com/article/10.1007/s11082-024-07342-2</a>
9	Dr. Parusharamulu Buduma	Systematic approach to improve performance of asymmetrical 21-level inverter with fewer components	ICTA (SCIE)	52	16 August 2024	1097-007X	International	1.8	-	Wiley	<a href="https://onlinelibrary.wiley.com/doi/epdf/10.1002/cta.4229">https://onlinelibrary.wiley.com/doi/epdf/10.1002/cta.4229</a>
10	Dr. Parusharamulu Buduma	Tuning sensitivity of bimetallic, MXene and graphene-based SPR biosensors for rapid malaria detection: a numerical approach	Journal of Computational Electronics (SCIE)	23	17 June 2024	1572-8137	International	2.0	19	SPRINGER	<a href="https://link.springer.com/article/10.1007/s10825-024-02191-4">https://link.springer.com/article/10.1007/s10825-024-02191-4</a>
11	Dr.M.Venkateswaran	An efficient power management control strategy for grid-independent hybrid renewable energy systems with hybrid energy storage: Hybrid approach	Journal of Energy Storage (SCIE)	96	June, 2024	2352-152X	International	8.9	1	ELSEVIER	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352152X24022710">https://www.sciencedirect.com/science/article/abs/pii/S2352152X24022710</a>
12	Dr.M.Venkateswaran	A new solution for tackling mismatching losses in solar pv array via image encryption (Scopus)	ARNP Journal of Engineering and Applied Sciences (Scopus)	19	June, 2024	1819-6608	International	-	-	Asian Research Publishing Network	<a href="https://www.arpnjournals.org/jeas/research_papers/rp_2024/jeas_0624_9467.pdf">https://www.arpnjournals.org/jeas/research_papers/rp_2024/jeas_0624_9467.pdf</a>
13	Dr.K. Subbaramaiah	Power quality conditioning using two-level buck inverter	International Journal of Applied	13	June 2024	2252-8792	International	-	-	IJAPE	<a href="https://ijape.iaescore.com/index.php">https://ijape.iaescore.com/index.php</a>



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		based DSTATCOM	Power Engineering (IJAPE) (Scopus)								p/IJAPE
14	Mr. Tentu Papi Naidu	Weighted sum method based multi-objective optimal power flow considering various objectives: an application of whale optimization algorithm (Scopus)	International Journal of Applied Power Engineering (IJAPE) (Scopus)	13	December 2024	2252-8792	International	-	-	IAES	<a href="https://ijape.iaescore.com/index.php/IJAPE/article/view/21169/13265">https://ijape.iaescore.com/index.php/IJAPE/article/view/21169/13265</a>
15	Mrs. T Sravya	The Evolution Of Ai Virtual Tutors In Modern Higher Education (Others)	IJIRT (UGC Care)	11	Dec, 2024	2349-6002	International	7.37	-	IJIRT	<a href="https://ijirt.org/?gad_source=1&amp;gclid=CjwKCAiAgoq7BhBxEiwAVcW0LPYbe9oIwQtdcSpaRiS8yYIX6GF2zhJGN6yqrPIBz8ii4hgqKXSGChoCwG4QAvD_BwE">https://ijirt.org/?gad_source=1&amp;gclid=CjwKCAiAgoq7BhBxEiwAVcW0LPYbe9oIwQtdcSpaRiS8yYIX6GF2zhJGN6yqrPIBz8ii4hgqKXSGChoCwG4QAvD_BwE</a>
16	Mrs. T Sravya	Duel Active Bridge Micro Converter with Sinusoidal Modulation	Journal of Control and Instrumentation Engineering (Others)	10	August, 2024	2582-3000	International	-	-	MAT journals	<a href="https://matjournals.net/engineering/index.php/JCIE/article/view/599">https://matjournals.net/engineering/index.php/JCIE/article/view/599</a>
17	Mrs. A. Praveena	Duel Active Bridge Micro Converter with Sinusoidal Modulation	Journal of Control and Instrumentation Engineering (Others)	10	August, 2024	2582-3000	International	-	-	MAT journals	<a href="https://matjournals.net/engineering/index.php/JCIE/article/view/599">https://matjournals.net/engineering/index.php/JCIE/article/view/599</a>
18	Mrs. K. Aswini	Duel Active Bridge Micro Converter with Sinusoidal Modulation	Journal of Control and Instrumentation Engineering (Others)	10	August, 2024	2582-3000	International	-	-	MAT journals	<a href="https://matjournals.net/engineering/index.php/JCIE/article/view/599">https://matjournals.net/engineering/index.php/JCIE/article/view/599</a>

**Incharge**

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