



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

P.13 List of Faculty Publications along with DOI

S.No	Name of the Faculty	Type of Publication	Title/Topic	Name of the Journals/Conference/Book Chapter	DOI	Academic Year
1	Dr.A.Sanakara Subramanaian Principal	Patent	Electric Vechicle for Hadicapped	—	Design no:398888-001	2023-2024
2	Mr.I.Saravanan HOD/EEE	Conference	A Novel Approach for the Management of DSTATCOM'	International Conference on Interdisciplinary Collaboration and Opportunities: Social Science, STEM and Information Science [IOC-ICO]	ISBN:978-81-955975-8-1,(31),Feb 2024	2023-2024
		Journal	Novel GSA-tuned PI Controllers for Grid Integration Scheme of Solar DSTATCOM	Studies in Informatics and Control	ISSN: 1220-1766 eISSN: 1841-429X,33(3) 73-82 September 2024	2024-2025
		Journal	A novel dual hysteresis controller for the management of a three phase dynamic voltage restorer	Heliyon	https://doi.org/10.1016/j.heliyon.2024.e38981	2024-2025
3	V.Vimala Lect/EEE	Conference	A Novel Approach for the Management of DSTATCOM'	International Conference on Interdisciplinary Collaboration and Opportunities: Social Science, STEM and Information Science [IOC-ICO]	ISBN:978-81-955975-8-1,(31),Feb 2024	2023-2024

	V.Vimala Lect/EEE	Journal	Novel GSA-tuned PI Controllers for Grid Integration Scheme of Solar DSTATCOM	Studies in Informatics and Control	ISSN: 1220-1766 eISSN: 1841-429X,33(3) 73-82 September 2024	2024-2025
		Journal	A novel dual hysteresis controller for the management of a three phase dynamic voltage restorer	Heliyon	https://doi.org/10.1016/j.heliyon.2024.e38981	2024-2025
4	Mrs.Nagalakshmi Kanna P Lect/EEE	Conference	A Novel Approach for the Management of DSTATCOM'	International Conference on Interdisciplinary Collaboration and Opportunities: Social Science, STEM and Information Science [IOC-ICO]	ISBN:978-81-955975-8-1,(31),Feb 2024	2023-2024
5	Mrs.Priyadharsini Lect/EEE	Journal	Energy-Efficient Photovoltaic-Based Motor Drive With Interleaved Boost Converter For Electric Vehicle	International Journal of Advanced Trends in Engineering and Management (IJATEM)	https://doi.org/10.59544/pldb2263/ijatemv03i10p3	2024-2025
		Journal	Integration of HRES with Quazi Z-source converter and Optimized PI Controller for Grid Application	IEEE Conference Publication	10.1109/GINOTECH63460.2025.11076685	2024-2025
6	Mr.Guna Lect/EEE	Journal	Smart Bin System Based on IoT for Effective Food waste Management	IEEE Conference Publication	ISBN:979-8-3315-2391-6	2024-2025
		Conference	Smart Automated Surveillance System	Advancing Innovation Through AI and Machine learning algorithm	10.1201/9781003587538	2024-2025