

## Department of Electrical and Electronics Engineering

## 2024 - 2025

SL NO	TITLE	NAME OF THE FACULTY	CONFERENCE / JOURNAL	DOI
1	Karishma, K., Sivaprasad, A., & Raj, N. (2024). A Two-Input Single-Output Boost Converter with Fault Tolerant Operation. Distributed Generation & Amp; Alternative Energy Journal, 39(03), 593–612.	Dr.Sivaprasad A	Journal	https://doi.org/10.13052 /dgaej2156-3306.3939
2	Akshat Rawat, Sivaprasad Athikkal, Saahithi S and Vivekanandan Subbura, "Design of switched capacitor converter-based wireless power transfer using mutual inductance for micropower applications", International Journal on Smart Sensing and Intelligent Systems , DOI:10.2478/ijssis-2025-0004	Dr.Sivaprasad A	Journal	http://dx.doi.org/10.247 8/ijssis-2025-0004
3	Ambili Mohan, Meera Sivadas & Elizabeth Rita Samuel ,"Control of Attitude Trajectory of Launch Vehicle Using Optimal LQR-Based PID Controller", 2nd Congress on Control, Robotics, and Mechatronics (CRM2024) during 3rd — 4th February 2024 Organized by SR University, Warangal, India and Technically Sponsored by Soft Computing Research Society.	Ambili Mohan	Conference	https://doi.org/10.1007/ 978-981-97-6810-3_31