



SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Recognized by UGC under section 2(f) & 12(B))
(Permanently affiliated to JNTUK, Kakinada, Accredited by NBA and NAAC with 'A' Grade)
Pedatadepalli, **TADEPALLIGUDEM – 534 101. W.G.Dist. (A.P)**

Department of Electrical & Electronics Engineering (NBA Accredited)

List of Journals During the Academic Year 2024-2025

S. No.	Name of the Faculty	Title of Paper	Name of the Journal	Volume No.	Page.No.	Month & Year	SCI/SCOPUS/UGC/others
1	V.Ramanarayana	A single-phase five-level multilevel inverter with rated power fault-tolerant feature	International journal of Electronics & Communications			December & 2024	2024
2	Dr. Anilkumar Chappa	Machine learning based fault detection technique for hybrid multi level inverter topology	The Journal of Engineering	2024		September & 2024	2024
3	Sudha Rani Donepudi	Efficient On-Board Charger to Improve the Life Time of Electric Vehicle Battery	Engineering, Technology & Applied Science Research (ETASR)	14		June & 2024	2024
4	Sudha Rani Donepudi	Enhanced LA-HBO technique for optimal position of PMU with complete prominence	Journal of High Speed Networks	30		August & 2024	2024
5	Dr. Anilkumar Chappa	Cascade control scheme for frequency control of wind-integrated multi-area multi-machine AC/DC-interlinked power system with deregulation	Electrical Engineering			December & 2024	2024
6	Dr. Anilkumar Chappa	A reduced device symmetrical-asymmetrical multilevel inverter with self capacitor voltage balancing and reduced capacitor voltage ripple	International Journal of Electronics			January & 2025	2025
7	Dr. D J Krishna Kishore	Application of circle search algorithm for solar PV maximum power point tracking under complex partial shading conditions	Applied Soft computing	165		November & 2024	2024
8	Dr. D J Krishna Kishore	Enhanced Converter Control using PR Controller in Electric Springs	Utilitas Mathematica	122		April & 2025	2025


Head of the Department

Department Vision:

- To evolve as a centre of excellence in Electrical and Electronics Engineering that produces graduates of high quality with ethical values.

Department Mission:

- To impart technical knowledge through learner-centric education supplemented with practical exposure.
- To provide opportunities that promote personality development through co-curricular and extra-curricular activities.
- To inculcate human values & team spirit that enables the Electrical and Electronics Engineers to face the future challenges.

