

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 2022-2023

S. No.	Name of the Faculty	Title of Paper	Name of the Journal	Volume No.	Page.No.	Month & Year	SCI/SCOPUS/UGC/others
1	Dr. Sudha Rani Donepudi	Voltage instability curtailment and quality improvement with phasor measurement unit in power system	The international journal for computation and mathematics in electrical and electronic engineering	45	1677-1698	2022	SCOPUS
2	Mr.Ch.Srinivas	Minimization of Power Loss in Distribution System by Tap Changing Transformer using PSO Algorithm	International Journal of Electrical and Electronics Research (IJEER)	10	1135-1139	2022	SCOPUS
3	Dr. Anilkumar Chappa	Development of an Enhanced Selective Harmonic Elimination for a Single-Phase Multilevel Inverter with Staircase Modulation	Power Quality Conditioning and Stability Enhancement of More-Electronics Power Systems	11	1-14	2022	SCIE
4	Dr. Sudha Rani Donepudi	Consumer-Centric Rate Design for Peak Time Energy Demand Coincidence Reduction at Domestic Sector Level-A Smart Energy Service for Residential Demand Response	Journal of Electrical and Computer Engineering	2022	1-16	2022	SCIE
5	Mr. P.S.V.Kishore	A Survey of Machine Learning Applications in Renewable Energy Sources	IETE Journal of Research	-	1-18	2022	SCIE
6	Mr. P.S.V.Kishore	Emerging Intelligent Bidirectional Charging Strategy Based on Recurrent Neural Network Accosting EMI and Temperature Effects for Electric Vehicle	IEEE Access	10	21741-12176	2022	SCIE
7	Mr. P.S.V.Kishore	Quadruple Boost Switched Capacitor-Based Inverter For Standalone Applications	IEEE Access	11	30442-30458	2023	SCIE
8	Dr. Sudha Rani Donepudi	AC-DC UPF charging circuit for two-wheeler electric vehicle application	International Journal of Power Electronics and Drive Systems	14	45597	2023	SCOPUS

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9	Dr. Sudha Rani Donepudi	Bad data analysis and detection using PMU with UPQC integration to grid during fault conditions International Journal of Power Electronics and Drive	International Journal of Power Electronics and Drive Systems	14	256-265	2023	SCOPUS
10	Dr. Sudha Rani Donpeudi	Performance Evaluation Of AC-DC Active-PFC Based Charging Device For Two-Wheeler Ev Application	Suranaree Journal of Science and Technology	30	1-12	2023	SCOPUS
11	Mr. V. Rama Narayana	SPECIFIC HARMONIC ERASURE IN MULTILEVEL INVERTERS USING SWARM INTELLIGENCE	Journal of Emerging Technologies and Innovative Research (JETIR)	10	118-124	2023	SCOPUS
12	Dr. Sudha Rani Donpeudi	Analysis of ANFIS based Multi-Level Inverter for Rural Electrification	High Technology Letters	29	1-15	2023	SCOPUS



R&D Co-Ordinator



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.