



## 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 2023-2024

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.E.N.V.D.V. Prasad	Detection And Classification Of Dc And Feeder Faults In Dc Microgrid Using New Morphological Operators With Multi Class Adaboost Algorithm	Applied Energy	340	121013	June & 2023	SCIE
2	Dr. Anilkumar Chappa	Highly resilient 17-level fault -tolerant multilevel inverter topology with reduced capacitor size	International Journal of circuit theory and applications	-	1-20	November & 2023	SCIE
3	N Madhusudhan Reddy	Reduction of Power losses in the Distribution system by controlling Tap Changing Transformer using the PSO Algorithm	International Journal on Recent and Innovation Trends in computing and Communications	11		June & 2023	SCOPUS
4	N Madhusudhan Reddy	Optimizing Capacitor Placement in Distribution Systems Under Variable Loading Conditions with Golden Jack Optimization (GJO)	International Journal of Electrical and Electronics Research (IJEER)	12		April & 2024	SCOPUS
5	Dr. Anilkumar Chappa	Fractional order modeling based optimal multistage constant current charging strategy for lithium iron phosphate batteries	Energy Storage	6		March & 2024	WoS/SCOPUS
6	Dr. Eluri N V D V Prasad	An Adaptive Integral Backstepping SMC and Robust Functional Expanded Multikernel BLS Based MPPT Control in PV-Battery DC Microgrid System	IEEE Transactions on Power Electronics	39		November & 2023	WoS,SCI
7	Dr. Sudha Rani Donepudi	Power data quality improvement through PMU bad data detection based on deep complex	International Journal of Power Electronics	18		October & 2023	
8	K Suresh	A seven level fault tolerant hybrid cascaded inverter for renewable energy applications	International Journal of Emerging Electric Power Systems			October & 2023	SCOPUS

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9	K Suresh	A new triple voltage gain seven level switched capacitor-based inverter with minimum voltage stress	International Journal of Emerging Electric Power Systems			May & 2024	SCOPUS



**Head of the Department**

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**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.