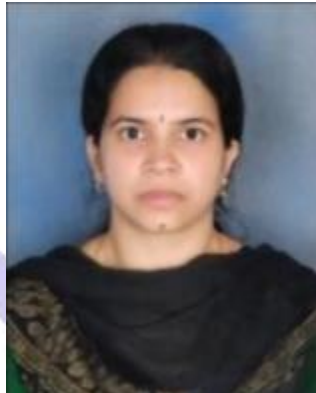


Profile

Name of the Faculty	V. Padmaja	
Designation	Senior Assistant Professor	
Department	EEE	
Area of Interest	Electric Vehicles, AI applications, Power electronics	
Subjects Taught	PE, CS, PSA, PS-I, PS-II, HEV, HVDC & FACTS, PQ, BEE	
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	MTech	Power Electronics	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	2010
2	BTech	EEE	G. Pulla Reddy Engineering and Technology	2004

Publications Details :

S. No.	Publication details
1.	Padmaja, V., Srikanth, M., Reddy, T. B., & Chary, S. A. (2024, November). Implementing Solar Power Generation in Residential Spaces. In 2024 5th International Conference on Data Intelligence and Cognitive Informatics (ICDICI) (pp. 337-341). IEEE.
2.	Padmaja, V., Srikanth, M., Reddy, T. B., & Chary, S. A. (2024, November). Smart IoT-Based Substation Control System for Enhancing Lineman Safety. 6th International Conference on Inventive Research in Computing Applications (ICIRCA 2025)

3.	Enhancing Power Stability in Ev Charging with Grid-Photovoltaic (PV) Hybrid Systems and Machine Learning
4.	Prediction and Electricity Forecasting on the Individual Household Level based on PSO-LSSVM Approach,"

Experience:

Teaching	17 years 22days
Industry	NIL
Research	NIL
Total Experience	17 years 22 days