


Profile

Name of the Faculty	NAGARAJU KATTA	
Designation	Assistant Professor	
Department	EEE	
Area of Interest	Power Quality and Power system protection	
Subjects Taught	EM-1, ECA, CS and BEE	
JNTUH Registration Id	4688-160309-112402	
College Staff Code	SC1196	
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	M. Tech	EPS	JNTUH/ St.Mary's Group of Intitutions,Hyderabad	2014
2	B. Tech	Electrical and Electronics Engineering	Vaageswari college of engineering Karimnagar (JNTUH)	2010
3	INTER	M.P.C	Board of Intermediate Education	2005
4	S.S.C	-	Board of Secondary Education	2003

Publications Details :

S. No.	Publication details
1.	K. Nagaraju , B. Niharika, K. Sahithi, & K. Sai Teja, "A Smart Street Lighting System Using Solar Energy" Journal of Emerging Technologies and Innovative Research (UGC Approved). Vol 7(5), May 2020(5.87 IF)
2.	K. Nagaraju, G Bhargava, KH Puja, & M Hemanth, "Intensification of power dynamics using TCSC based hybrid series capacitive compensation". Journal of Engineering Technologies and innovative research(UGC Approved). Vol., 6(4), April 2019.

3.	K. Nagaraju, B. Ramesh Babu, "Power quality improvement of DSTATCOM under different loading conditions". International Journal of Research. Vol., 4(13) Oct., 2017.
4.	Katta, Nagaraju, et al. "Optimizing Water Irrigation in Agriculture: Harnessing Bi-GRU Networks for Smart and Sustainable Crop Management." 2024 International Conference on Data Science and Network Security (ICDSNS). IEEE, 2024.'
5.	Katta, N., Malvekar, K., Sunainika, T. M., & Mettu, R. (2024, November). Design and Simulation on peer to peer Charging Technology Networks Using Renewable Energy Sources for EV Charging. In 2024 5th International Conference on Data Intelligence and Cognitive Informatics (ICDICI) (pp.
6.	Katta, N., Malvekar, K., Sunainika, T. M., & Mettu, R. (2024, November). IoT Based Ups Battery Monitoring System with Battery and Supply Changeover. 6th International Conference on Inventive Research in Computing Applications (ICIRCA 2025).

Experience:

Teaching	10
Industry	-
Research	-
Total Experience	10