


Profile

Name of the Faculty	Murali Karri	
Designation	Asst. Professor	
Department	EEE	
Area of Interest	Power Electronics and Drives Electrical Measuring Instruments. Testing of Electronic Devices and Circuits.	
Subjects Taught	BEE, Power Electronics, ED, EM-II and PSOC.	
JNTUH Registration Id	69150404-123157	
College Staff Code	SC1392	
Official Mail	Muralikrr.eee@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	QIP-PG	Machine Learning	IIT-Raichur	2024
2	M. Tech	Power Electronics	Ellenki college of Engineering and Technology	2012
3	B. Tech	EEE	Newtons Institute of Engineering and Technology	2008
4	Diploma	EEE	Govt. polytechnic college	2005

Publications Details :

S. No.	Publication details
1.	Fuzzy Logic Sliding Mode Controller based PMSM Motor to improve the performance parameters
2.	Auto Encoder and PMU Applied Electricity Theft Detection in Smart Grids
3.	A Dynamic Model for Predicting Indoor Temperatures based on LSTM and Auto Encoder Approach
4.	IoT and LSTM-MLP Integration for Efficient Waste-to-Energy Power Generation in Smart Cities.

Experience:

Teaching	Worked as Asst. Professor in Tirumala Engg. College in the Dept. of Electrical and Electronics Engineering from 14 July 2008 to 10 July 2017. Working as Asst. Professor in Geethanjali college of engineering and technology from 20/07/2019 to till date.
Industry	Worked as an Electrical Operator in 220KV switching station in Chalakurthy for 6-months in the year of 2008
Research	
Total Experience	15 Years of teaching experience