


Personal Information

Name	Mr. CHAMAKURA KRISHNA REDDY	
Years of Experience	Teaching: 11 years INDUSTRY: 01 years	
Email Id	krishnareddy.c@bvrithyderabad.edu.in	
CN Id	CR1196	
Areas of Specialization	Power Electronics, Power Systems	

Educational Qualifications

PhD(pursuing)		Electrical Engineering, Osmania University
PG Degree	M.TECH	Power Electronics, JNTUH
UG Degree	B.TECH	Electrical & Electronics Engineering, JNTUH

Papers Published

International Journal Publications

1. “Comparison of various types of rooftop grid connected” International Journal of Electrical and Electronics Engineering Research (IJEEER) ISSN(P): 2250-155X; ISSN(E): 2278-943X Vol. 7, Issue 2, Apr 2017, 11-22 © TJPRC Pvt. Ltd.
2. “Recognition Technique for ATM based on IRIS Technology” has been published in International Journal of Engineering Research and Development (IJERD).
3. “Transposition Reconfiguration Technique for Improved Power Generation from Photovoltaic Arrays under Non-Uniform Irradiance” has been published in 2023 Second International Conference on Smart Technologies for Smart Nation (SmartTechCon 2023)
4. “Energy Management Strategy for Hybrid Energy Storage - Electric Vehicles Based on Intelligent Controllers” has been published in Indian Journal of Natural Sciences.
5. “Composite features and ensemble learning for the detection and classification of PQDS” has been published in Journal of Data Acquisition and Processing.
6. “Power Quality Disturbances Classification Through Optimal Feature Selective Mechanism” has been published in Tuijin Jishu/Journal of Propulsion Technology

Research Interests:

- Energy management using energy storage and power electronics converters.
- Power Quality.
- Machine learning applications to Electrical Engineering.
- Data analytic applications to Electrical Engineering

Technical Skills:

- Programming/Data analysis tools: MATLAB, Basics of Python
- Simulation: MATLAB/Simulink.
- Documentation: LaTeX, MS Word
- Trainer for MATLAB, Model based development using MATLAB & SIMULINK.