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

Patent Published:

- Low-Cost Arduino Based Solar Panel I-V And P-V Characteristics Tracer. Application No. 202441066095
- Low-Cost Arduino Based Electrical Energy Monitoring System. Application No.: 202441065924

Papers Published

International Journals

- "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.
- "Recognition Technique for ATM based on IRIS Technology" has been published in International Journal of Engineering Research and Development (IJERD).
- "Energy Management Strategy for Hybrid Energy Storage - Electric Vehicles Based on Intelligent Controllers" has been published in Indian Journal of Natural Sciences.
- "Power Quality Disturbances Classification Through Optimal Feature Selective Mechanism" has been published in Tuijin Jishu/Journal of Propulsion Technology

International Conferences

- "Modbus Communication Based Data Extraction Energy Monitoring System." has been published in International Conference on Smart Electronics and Communication Systems 2024
- "Electrical Parameters Data Extraction for Effective Monitoring and Controlling of Smart Buildings" has been published in International Conference on Sustainable Power and Energy 2024.
- "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)

Books Published:

- Elements of Electrical Engineering (Infinite Research, ISBN: 9788196581299)

FDP's Attended:

- Attended Project-Based Learning with Low-Cost Hardware Using MATLAB Online on 13/11/2024 to 14/11/2024.
- Attended 1 week FDP on Applications of Computational science, Artificial Intelligence Algorithms in Electrical Engineering organized by MLR Institute of Technology form 01/04/2024 to 06/04/2024
- Attended 1 week Workshop on Smart Hybrid Energy Systems- Challenges and Solutions organized by Department of Electrical Engineering, UCE OU from 18/12/2023 to 23/12/2023.
- Attended 16 days UGC Sponsored Refresher Course- Online Refresher Course On " Internet Of Things" from 07/08/2023 TO 22/08/2023

Certifications:

- Completed Certification on Load Flow Analysis by L&T EduTech online on 22/12/2024
- Completed IIT Kanpur certification program on PYTHON for Artificial Intelligence, Machine learning and Deep Learning
- Completed Altium Designer Essentials by Altium
- Completed Model, Simulate and Control a Drone in MATLAB & SIMULINK by Udemy
- Completed MATLAB Onramp by MATHWORKS
- Completed Signal Processing Onramp by MATHWORKS
- Completed Deep Learning Onramp by MATHWORKS
- Completed Machine Learning Onramp by MATHWORKS
- Completed Image Processing Onramp by MATHWORKS