



**Name : RAKESH M N**

**Designation : Assistant Professor**

### **Experience (Teaching and Industry)**

- RNSIT (2007- till date)
- Lecon Systems (2006-2007)

### **Qualifications**

- B.E. in Electrical and Electronics Engineering from Global Academy of Technology, Bengaluru
- M.Tech in Power System Engineering from Ghousia College of Engineering, Ramanagaram
- Ph.D -Pursuing in Department of EEE,RVCE,Bengaluru. Affiliated to VTU, Belagavi
- Post Graduate Certification in “Software Engineering for Data Science” from IIIT,Hyderabad.

### **Specialization (Academics)**

- Power Systems
- Power Electronics
- Electric Vehicles
- Linear Integrated Circuits
- Electrical Power Utilisation
- Electrical Power Transmission and Distribution.

### **Specialization (Research)**

- Distributed Generation
- Power Quality
- Fuzzy Logic Control

### **Publications**

- **“Simulation Analysis of Dynamic Voltage Control in a Power System Using STATCOM - Fuzzy Concepts”** presented at **National Conference on Recent Investigations in Electrical Engineering using Experimental and Computational Techniques**[NCRE<sup>3</sup>CT-2011] held at B.N.M. Institute of Technology, Bangalore.
- **“Fuzzy Logic Control method for D-STATCOM to mitigate voltage sags and swells”** at **6<sup>th</sup> International Conference on Recent Challenges in Engineering and Technology [ICRCET-18]** held at Nagpur on 24-25<sup>th</sup> November 2018.
- **“Boosting Power Quality in standard IEEE 13 bus system with Renewable Energy Source Integration using Fuzzy Logic Controlled D STATCOM”**, HTL Journal,Volume 29,Issue 11,2023,ISSN:1006-6748.
- **“Cross Connected Multilevel Inverter (CCSMLI) for Renewable Energy Source Integration in a single phase stand alone system”**, 2024,IEEE 4<sup>th</sup> International Conference on Sustainable Energy and Future Electric Transport (SEFET)/979-8-3503-8399-7/24.