



Mr. Rakesh M N

Assistant Professor

Experience (Teaching 18 years, Industry 1 year)

- Lecon Systems (July 2006- July 2007) as service engineer.
- RNS Institute of Technology, Bengaluru. (August 2008-Till Date)

Qualifications

- Bachelor of Engineering in Electrical and Electronics Engineering from Global Academy of Technology, Bengaluru
- Master of Technology from Ghousia College of Engineering, Ramanagaram
- Pursuing Ph.D. in Power systems at RVCE, Affiliated to VTU
- Completed Post Graduate certificate program in **Software Engineering for Data Science**, outreach division of IIIT, Hyderabad.

Specialization (Academics)

- Power System Analysis, Operation and control
- Basic Electrical Engineering
- Operational amplifiers and Linear ICs
- Electric Vehicles
- Analog Electronic Circuits

Specialization (Research)

- Power Quality Enhancement for Renewable Energy sources integrated to grid.
- Modelling of power converters and control techniques.

Publications

- Presented paper on **“Cross Connected Source Multilevel Inverter (CCSMLI) for Renewable Energy Source Integration in a Single Phase Standalone System”**. 2024 IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation (SEFET), held at Hyderabad August 2024.
- Published a Journal on **“ Fuzzy Logic Control method for D-STATCOM to mitigate voltage sags and swells”** in Journal of Emerging Technologies and Innovative Research, UGC approved journal with journal number 63975, ISSN- 2349-5162, Volume 6, Issue 2, February 2019.
- Presented paper on **“ Fuzzy Logic Control method for D-STATCOM to mitigate voltage sags and swells”** at **6th International Conference on Recent Challenges in Engineering and Technology [ICRCET-18]** held at Nagpur on 24-25th November 2018.
- Presented a paper on **“Simulation Analysis of Dynamic Voltage Control in a Power System Using STATCOM - Fuzzy Concepts”** at **“One day National Conference on Recent Investigations in Electrical Engineering using Experimental and Computational Techniques”[NCRE³CT-2011]** held at B.N.M. Institute of Technology, Bangalore.



Patents

2 Patent Publications **“Automatic Pill Dispenser”, “Self Driving Car”** in Indian Patent Journal -August 2024 issue