

## **SUNITA V MUDDABIHALKAR**

**Position:**Lecturer

**Department:**Electrical and Electronics Engineering

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### **Qualifications:**

- ME in Electrical power systems from Savitribai Phule Pune University,2015

### **Experience:**

- 28 years of teaching experience
- 07 years of industry experience

**Areas of Expertise:**Power generation ,Transmission and Distribution,Electrical Machines and Drive,High voltage engg,Smart grid and Automation,Energy efficiency and Auditing, Switchgear and Protection,Renewable Energy integration,Power system analysis and stability.

### **Recent Research/Projects:**

- Fault Location and Detection Algorithm for transmission lines based on current differential protection scheme.
- Switch mode power supply

### **Publications:**

- “Analysis of Fault Location and Detection Algorithm for transmission lines based on synchronized phasor measurements”IEEE international conference on Energy systems and applications(ICESA-2015,DY patil institute of Engg &technology ,Pune,India)
- “Analysis of transmission lines based on synchronized phasor measurements”PCCCTSG-2015,conference on power control,communication and Computational technologies for sustainable growth at G pullareddy Engg college,Kurnool,Andhrapradesh India
- “Recent technologies in current differential protection of transmission lines”National conference on Advanced power system -2012 KUUUIEER Nashik India

### **Professional Memberships:**

- Life time member of indian society for Technical Education(ISTELM65474)

### **Industry Certifications:**

- Participation in Faculty Development Programme on Hands on training on smart building automation solution BY Schneider Electric LTD

### **Notable Achievements: (max 5)**

- As an advisory committee member for one day seminar on “Emerging trends in Electrical technology”Organized by Dept of EE,Amruthvahini COE Sangamner,Maharashtra on 27<sup>th</sup> Feb 2015
- Two days workshop on Smartgrid Arranged by NCAPS(National conference on Advanced power systems 2012)at KKWIEER,Nashik
- College level Co-ordinator for presentation competition organized by IET,Nashik