



## ATUL RAMESH DHAMNE

Assistant Professor, Electrical Engineering

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### OVERVIEW:

**Qualifications:** ME (Electrical-Power Systems), BE (Electrical)  
**Experience:** Teaching -24 Years, Industrial – 1 Year  
**Date of Joining STES:** 27/07/2005  
**Skills and Proficiencies:** MATLAB, C Language, Arduino Interface and IDE

### SIGNIFICANT ACHIEVEMENTS:

1. Coordinated the development of a new course “Electrical and Electronics Engineering” (SE Mechanical-2019 Pattern) for Savitribai Phule Pune University
2. Developed the content delivery system of a new course “Project Based Learning” (FE-2019 Pattern) for the institutes under the aegis of Sinhgad Technical Education Society
3. Delivered expert sessions during Orientation Workshops on new curriculum development by Savitribai Phule Pune University for the courses such as Basic Electrical Engineering (FE-2019/2024 Pattern), Electrical and Electronics Engineering (SE Mechanical-2019 Pattern), Electric Circuits (SE Electronics & Telecom-2019 Pattern)
4. Received Letter of Appreciation for mentoring students in order to achieve good academic performance
5. Received Letter of Appreciation for making useful contribution to maintain information on institute website as a Departmental Website Coordinator.

### AREA OF EXPERTISE /RESEARCH INTERESTS:

Electrical Power Systems, Electric Vehicles

### NUMBER OF STUDENTS GUIDED:

UG – 20+ Groups

### RESEARCH PULICATIONS:

**Publication Summary:**Conference : 05  
h-index : 01

<https://scholar.google.com/citations?user=UKsNFEEAAAAJ&hl=en>

### BOOKS PUBLISHED:

“Basic Electrical Engineering”, SciTech Publications, Chennai, 2008 (ISBN: 9788183710855)

### RESOURCE PERSON TO INDUSTRY/ACADEMIA:

- Reviewer for the 6<sup>th</sup>/7<sup>th</sup>/8<sup>th</sup> International Conference on Computing, Communication, Control and Automation (ICCUBEA)) organized by Pimpri Chinchwad College of Engineering, Pune during 2022, 2023 and 2024
- Delivered expert sessions during Short Training Programs/Refresher Courses for Assistant Engineers in Water Resources Department (WRD) of Government of Maharashtra conducted at Regional Training Centre, Pune

### SUBJECTS TAUGHT:

- Power Systems-I
- Power Systems-II
- Power Systems Design
- Network Analysis
- Electrical Machines
- Electrical Technology
- Basic Electrical Engineering
- Basic Electronics Engineering
- Electrical & Electronics Engineering

### FDP/STTP/SDP/WORKSHOPS ORGANIZED AS A COORDINATOR:

- Coordinator of **Faculty Orientation Programme** on Electrical and Electronics Engineering Course for SE Mechanical, Automobile and Mechanical Sandwich-Revised 2019 Pattern (**FOP EEE-2019**) jointly organized by Sinhgad College of Engineering and Army Institute of Technology, Pune for faculty members from affiliated colleges under Savitribai Phule Pune University from 17th June to 19th June 2020
- Coordinator of **Train The Trainers (TTT)** programme on newly introduced course- Project Based Learning (FE-2019 Pattern) conducted for the faculty members from engineering institutions under the aegis of Sinhgad Technical Education Society during 1<sup>st</sup> to 6<sup>th</sup> January 2020 AICTE Sponsored “Two-week Staff Development Program on Advanced Digital Signal Processing” at Sinhgad College of Engineering from 3-13 December 2007, Venue: SCOE, Pune
- Coordinator of **Syllabi Implementation Workshop (FE:2024 Pattern)** on “Enhancing Vocational, Skill, Ability and Co-curricular Education” under Internal Quality Assurance Cell at Sinhgad College of Engineering from 3<sup>rd</sup> and 5<sup>th</sup> September 2024

### CONFERENCES ATTENDED:

- Attended 2017 7th International Conference on Power Systems (ICPS-2017) at College of Engineering Pune (COEP), India, 21-23rd December 2017.

### FDP/STTP/SDP ATTENDED:

1. Two Weeks Faculty Development Program “En-Mathematica” from 19/05/2006 to 27/05/2006 organised by Sinhgad College of Engineering, Pune
2. One Week Short Term Training Program on “Understanding Applications of Mathematics in Engineering” from 23/11/2015 to 28/11/2015 organised by Vishwakarma Institute of Information Technology, Pune

3. IEEE Fall School on “Modern Sliding Mode Control” at Indian Institute of Technology Bombay, Mumbai from 26/10/2016 to 30/10/2016
4. One Week IEEE Training Program on “Power System Optimization using GAMS” from 11/05/2020 to 16/05/2020 organised by Rajarambapu Institute of Technology, Rajaramnagar
5. One Week Online Workshop on “Present Trends and Research in Electric Vehicles” from 27/05/2020 to 31/05/2020 organised by Rajarambapu Institute of Technology, Rajaramnagar
6. One Week Short Term Training Program on “Foundations in Open Source: Linux and LibreOffice” from 22/07/2024 to 26/07/2024 organised by Sinhgad College of Engineering, Pune

### **RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:**

#### **1.Society Level**

- Worked as a member of Admissions Counseling for outside state candidates during 2011 to 2013.
- Worked as a Organizing Committee Member of Sinhgad Karandak from 2006 to 2010

#### **2.Institute Level (SCOE)**

- Member of Student Development Committee (SDC) of the institute
- Member of Equal Opportunities Cell of the institute
- Member of Ranking/NIRF/Awards Committee of the institute
- Member of Magazine Committee of the institute during 2013-2015
- Worked as a Coordinator of Application Receipt Centre (ARC) of DTE, Mumbai for FE admissions during 2008-2018

#### **3.Department Level (FE)**

- Course Coordinator, Teacher Guardian, Class Teacher
- Coordinator of Seminars and Workshops Committee for Faculty and Student Development Programs
- Departmental Website Coordinator from 2005 to 2013
- Departmental NAAC/AQAR/NBA Coordinator

### **DECLARATION:**

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: 10 /12/ 2024