



Mr. NIKHIL SUHAS SHELKE

Assistant Professor, Department of Engineering Sciences

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OVERVIEW:

Qualifications: M. Tech. (Electrical Engineering), B.E. (Electrical Engineering)
Experience: Teaching- 8 Years
Date of Joining STES: 01/07/2024
Skills and Proficiencies: PLC Automation, MATLAB

SIGNIFICANT ACHIEVEMENTS:

Mentored Students group for B&R Automation Competition that Won Runner-up Prize.

AREA OF EXPERTISE /RESEARCH INTERESTS:

Artificial Neural Network for Electrical Systems, Power Systems, Renewable Energy

NUMBER OF STUDENTS GUIDED:

Diploma- 24, U.G. – 16

RESEARCH PULICATIONS:

Publication Summary:

Publications Summary-

- National/International Journals- 04
- National/International Conference- 02

RESEARCH WORK:

M. Tech- Artificial Neural Network for Speed control of BLDC Motor

Description –

- Design of Open loop system
- Design of Closed loop system with PID controller
- Design of ANN controller for BLDC Motor Speed control

SUBJECTS TAUGHT:

- Electrical Measurement & Instrumentation
- Industrial Electrical System-II
- Power Electronic Controlled Drives
- Basic Electrical Engineering
- Electrical & Electronics Engineering
- Power Generation Technology
- EIDCM

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

- Worked as Co-Ordinator in National Conference on Cognitive Computing (NCC-2021)

CONFERENCES ATTENDED:

- Attended International Conference on Industrial Electronics and Electrical Engineering, (ICIEEE), Pune, India, 21 July, 2019.
- Attended National Conference on Cognitive Computing (NCC-2021), NBNSOE, Pune.

FDP/STTP/SDP ATTENDED:

- Completed One-week industrial training program conducted by “L&T Switchgear Training Centre, Pune” in Sept. 2017.
- Attended Two Day’s workshop on “Applications of optimization techniques in Electrical Engineering, Organized by SKN Sinhgad COE, Pandharpur in 2019.
- Attended two day’s Faculty Development Program Organized by Fabtech Technical Campus, Sangola.
- Attended One-week Comprehensive STTP on Linux and LibreOffice Organized by Department of Engineering Sciences, Sinhgad College of Engineering, Pune from 21-26 July 2024.
- Attended one week (ATAL-AICTE) Faculty Development Program On “Sustainable Development through Renewable Energy, SDGS and Smart Cities” Organized by Department of Electrical Engineering, PVG’s College of Engineering and Technology, Pune.

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Institute Level (SCOE)

Organizing Committee member for “STEP-UP” FE Induction Program

Department Level (Engg. Sciences)

Lab In-charge for Electrical Machines Laboratory

DECLARATION:

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

Date: 10/12/2024