Prof. Shraphalya Balu Nalawade

Assistant Professor, Department of E & TC

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OVERVIEW:

Qualifications: M.E. (VLSI & Embedded Systems), B.E. (E&TC Engg.)
Experience: Teaching -3 years Industry -1 year
Date of Joining STES: 27/12/2021
Skills and Proficiencies: SQL, MATLAB, C

SIGNIFICANT ACHIEVEMENTS:

- Published 1 Paper in International Conference.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- VLSI
- Embedded Systems
- Database Management

NUMBER OF STUDENTS GUIDED:

- BE – 06, PBL – 40

RESEARCH PULICATIONS:

Publication Summary:

National Journal: 01
Conference: 02
h-index: 01
i10 index: 01
https://scholar.google.com/citations?hl=en&authuser=1&user=l8x9zZIAAAAJ

RESEARCH WORK:

ME Research Work: FPGA Based Implementation of Blowfish Algorithm

NOTABLE GUIDED PROJECTS:

- Security and Surveillance Robot Using Arduino
- ATM Security System

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

Delivered as resource person on "Introduction to DBMS" in one-week TTT organized by E&TC Department, SCOE, Pune, Maharashtra from 10th to 14h July 2023.

SUBJECTS TAUGHT:

- Broadband Communication System
- Fiber Optic Communication
- Project Based Learning
- Database Management
- Honour- AI & ML (Computational Statistics)
- Skill Development

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

- Committee Member of ISTE sponsored one-week online STTP titled AI Integration of Energy Efficient Architectures in VLSI Design, Sinhgad College of Engineering, Pune, 05-09 August 2024.
- Organizing Committee Member of National Conference on Pervasive Computing (NCPC), Sinhgad College of Engineering, Pune, 05th April, 2024.
- Coordinator of TIFAN Technical Workshop 2024, Sinhgad College of Engineering, Pune, 25th November 2023.
- Organizing Committee Member of one-week FDP on Recent Trends in Artificial Intelligence & Data Science, Sinhgad College of Engineering, Pune, 24-28 July 2023.
- Committee Member of ISTE sponsored one-week online STTP titled Recent Advances in Deep Learning and its multidisciplinary approach, Sinhgad College of Engineering, Pune, 23-28 January 2023.

CONFERENCES ATTENDED:

- Attended National Conference on Pervasive Computing (NCPC)-2024 at SCOE, Pune, India, 05th April 2024.
- Attended International Conference on Recent Innovations is Signal Processing and Embedded Systems (RISE -2017), Bhopal, India, 27-29 October, 2017.
- Attended ePGCON-2017 at AISSMS College of Engineering, Pune, India, 08th-09th June 2017.

FDP/STTP/SDP ATTENDED:

- ISTE/IETE Approved STTP- 03
- AICTE Approved FDP- 01
- FDP- 10
- FOW- 04

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Institute Level (SCOE)
- Organizing Committee Member: Neon (2024).

Department Level (E&TC)
- Teacher Guardian, Class Teacher, Subject Incharge

- Organizing committee member for various Staff Development Programs & National, International Conferences
- Departmental SSC Committee Member
- Departmental Publication Committee Member
- Departmental Notice Board Committee Member
- Departmental T & P Committee Member
- NBA committee member
- Project Guide for BE students

DECLARATION:

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

Date: /   / 2024   Signature