Prof. Madhuri Vijay Jadhav

Assistant Professor, Department of E & TC

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OVERVIEW:

Qualifications: ME (E&TC), BE (E&TC)
Experience: Teaching -07 years
Date of Joining STES: 07/09/2022
Skills and Proficiencies: Python, JAVA, MySQL, C

AREA OF EXPERTISE /RESEARCH INTERESTS:

Wireless communication, AI

NUMBER OF STUDENTS GUIDED:

UG – 03, SE-40

RESEARCH PULICATIONS:

Publication Summary:

International Journal: 02
Conference :   01

https://www.irjet.net/archives/V6/i5/IRJET-V6I5286.pdf

https://iosrjen.org/Papers/vol9_issue9/Series-1/A0909010106.pdf

RESEARCH WORK:

Smart WSN Node Device For Remotely Monitoring of Temperature & Humidity in Rural Area

NOTABLE GUIDED PROJECTS:

- Left and Right motor imagery classification by analyzing EEG signals using Machine Learning.
- Smart traffic density control system with ESP-32
- Earthquake Monitoring and Alerting System using STM32

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

Resource Person at "Train The Trainer" program on the topic "Design and Implementation of Classes, Objects and Methods in java", E&TC Dept., SCOE, Maharashtra from 10th to 14h July 2023.

SUBJECTS TAUGHT:

- Fundamentals of Java Programming
- Advanced Java Programming
- Employability Skill Development
- Electronic Skill Development
- Project Based Learning

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

Organizing Committee member of National Conference on Pervasive Computing (NCPC)-2024, Sinhgad College of Engineering, Pune,India, 05th April 2024.

CONFERENCES ATTENDED:

Attended National Conference on Pervasive Computing (NCPC)-2024 at SCOE, Pune, India, 05th April 2024.

FDP/STTP/SDP ATTENDED:

- ISTE/IETE Approved STTP-03
- AICTE Approved FDP-01
- FDP-07
- FOW-03

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Institute Level (SCOE)
- Organizing committee member for Neon- 2024

Department Level (E&TC)
- Teacher Guardian, Class Teacher
- Project Based Learning Coordinator
- Departmental Hackathon Coordinator
- Departmental Result Analysis Committee Member
- Departmental Faculty Birthday Committee Member
- NBA committee member
- NCPC committee member
- Worked in Department admission cell
- 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