




Prof Rohini Ramesh Katkar
Assistant Professor, Department of E & TC

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OVERVIEW:

Qualifications: ME (Digital Electronics), BE (E&TC)
Experience: Teaching -2 years
Date of Joining STES: 08/07/2022
Skills and Proficiencies: HTML, MATLAB, C

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Wireless communication, Digital Electronics

NUMBER OF STUDENTS GUIDED:

- UG – 20+ Groups

RESEARCH WORK:

PhD Research Work:

- Developed the technique for fingerprint authentication in ATM that uses a fingerprint sensor to analyze the unique patterns of a user's fingerprint and compare it to a database of fingerprints on file. If the fingerprint matches, the user can access their account also the ATM uses facial recognition technology to identify customers based on their facial features.

NOTABLE GUIDED PROJECTS:

UG Projects:

WIFI Car Using Node MCUESP266

SUBJECTS TAUGHT:

- Basic Electronics
- Employability Skill Development
- Project Based learning
- Digital communication (lab)
- Microcontroller (lab)
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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)-2024, Sinhgad College of Engineering, Pune, India, 05th April 2024.

CONFERENCES ATTENDED:

- National Conference on Pervasive Computing 5-6 July 2024, at SCOE, Pune

FDP/STTP/SDP ATTENDED:

- STTP – 01
- FOW – 03
- FDP – 04
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RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:**Institute Level (SCOE)**

- Organizing committee member for Neon- 2024

Department Level (E&TC)

- Organizing committee member for various Faculty Development Program
- FE Induction Program committee Member
- Teacher Guardian
- Departmental PhD Committee Member
- Departmental Honours Committee Member
- Departmental Research grant Proposal, patent Filing and IPR Committee Member
- NCPC committee member
- Worked in admission Counselling cell
- FE CAP admission Duty

DECLARATION:

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

Date: / / 2024

Signature