



Mr. GANESH VILAS MADHIKAR

Assistant Professor, Department of E & TC

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OVERVIEW:

Qualifications: ME (E & TC), BE (E&TC)
Experience: Teaching -11 years
Date of Joining STES: 02/06/2014
Skills and Proficiencies: MATLAB, Python, SQL, Image Processing, C

SIGNIFICANT ACHIEVEMENTS:

- College Topper in M.E. E&TC (Signal Processing) of Sinhgad College of Engineering (SCoE), Vadgaon (Bk), Pune.
- Contributed in Syllabus framing of the First Year Engineering Basic Electronics Engineering Subject for 2024 course.
- Best Technical Paper award received in ePGP EX-2024 organized by board of Studies (BoS - E & TC) at Trinity COEMR, Pune on 12th June 2024.
- Working as External Member on IIC cell of SKNCOE, Pune.
- Worked as External Examiner for Practical exam of Basic Electronics Engineering at AISSMS COE, Pune.
- Good liaison with reputed organizations /Industries.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Signal Processing

NUMBER OF STUDENTS GUIDED:

- PG – 03 , UG – 22 Groups

RESEARCH PULICATIONS:

Publication Summary:

International Journals: 13
International Conferences: 1
National Conferences: 10
Citations: 6
H index: 2

<https://scholar.google.com/citations?user=u1KTqPUAAAAJ&hl=en>

NOTABLE GUIDED PROJECTS:

- “Smart Vending Machine System Using IoT “Guided BE Project in 2023-24 under the supervision of Fevino Industries, Pune.

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

- Conducted Expert /Guest lecture on Basic Electronics Engineering (BXE) Subject for First Year Students Online at P.K. Technical Campus, Chakan , Pune on 29th July 2021.
- Conducted Expert /Guest lecture on Basic Electronics Engineering (BXE) for First Year Students at Jai Hind College of Engineering, Kuran, Pune on 1st July 2023.
- Worked as Session Chair for National Conference on Pervasive Computing (NCPC) – 2024 at SCOE, Pune on 5th April 2024.

SUBJECTS TAUGHT:

- Basic Electronics Engineering (BXE)
- Project Based Learning (PBL)

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

- Coordinator of Workshop of “First Year Engineering (F.E.) Basic Electronics Engineering (BXE) SPPU Syllabus Formation (2024 Course)” on 15th March 2024.
- Core Committee Member of IEEE Sponsored International Conference on Pervasive Computing (ICPC 2015) on 8th – 10th Jan 2015 at Sinhgad College of Engineering (SCoE), Pune.

CONFERENCES ATTENDED:**Summary:**

International Conferences - 3
National Conferences- 5

FDP/STTP/SDP ATTENDED:**Summary:**

- AICTE Funded / Sponsored FDPs Attended – 15
- NPTEL Online Certification: 02
- TEQIP Sponsored FDPs Attended – 10
- FoW - BoS Workshops - 3
- Train The Trainer - 4
- Other FDPs – 30
- Workshops – 15
- Conferences - 6
- Seminars/ Webinars – 20

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Society Level

- Working as Admission Coordinator
- STES I - card Committee Member
- Committee Member: Sinhgad Karandak, Techtonic, JAPAN Education Fair
- STES Mission Admission Committee Member

Institute Level (SCOE)

- Working as First Year (F.E.) Coordinator.
- Working as Member of Industry Institute Interaction Cell (I2IC Cell)
- Working as Coordinator of Incubation center.
- First Year Induction Program Coordinator
- Working as Coordinator of Insem - Central Assessment Programme (CAP)
- Worked as Committee Member in Admission Process of Facilitation center (FC), ARC Committee Member, Admission Reporting Committee
- Worked on Report preparation of Best College Award
- Worked as organizing Committee Member of 1st Degree Convocation Ceremony - 2016.
- Worked as organizing committee member for Graduation Ceremony.
- Member of NAAC Committee Visit Preparation

Department Level (E&TC)

- Working as First Year subject (Basic Electronics Engineering) Coordinator.
- Working as Department admission Coordinator
- Working as Member of Departmental Instruments Maintenance, Feedback, PR/OR Exam, Committee
- Working as Coordinator Faculty Interview Committee
- Working NBA Criterion - 6 Coordinator
- Working as Teacher Guardian/Mentor
- Worked as Department Account Committee, Event Coordinator of Techtonics
- Worked as Online Exam Coordinator
- Worked as Organizing committee member for various Faculty Development Programs, Workshops, National, International Conferences, Events etc
- Project Guide for BE & ME students

DECLARATION:

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

Date: 09 / 12 / 2024



Signature