



Manjusha Nagoba Namewar
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OVERVIEW:

Qualifications: M. Tech (Electronics), BE (E&TC)

Experience: Teaching -12 years

Date of Joining STES: 01/12/2012

Skills and Proficiencies: Image Processing, Machine Learning, MATLAB

SIGNIFICANT ACHIEVEMENTS:

- I served as a judge for the technical event 'Poster Presentation' at the IETE Forum, which is hosted by the E&TC department of SKNCoE College, Pune.
- Certificate of Achievement for Outstanding Contribution in Content Development of "IT OLYMPIAD 2017" A Multilayer Examination and Mega Quiz Contest by Computer Society of India and Rotary Club of Pune Pride on a National level
- Best Paper Award got along with my project students in 2020 International Conference on Pervasive Computing, SCOE E&TC Pune.
- I was judge for the event "Yukti" in techtonic which is hosted by the E&TC department of SKNCoE College, Pune.
- I gave 10+ professional lectures in several colleges as a resource person.
- I received a Certificate of Appreciation for teaching in 2+ subjects with excellent results.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Image Processing

NUMBER OF STUDENTS GUIDED:

- PG – 02 , UG – 20 Groups

RESEARCH PULICATIONS:

Publication Summary:

Paper published: National, International level – 10+

NOTABLE GUIDED PROJECTS:

PG Projects:

- IoT Based Precision Farming System. (AY 2023-24), Pune.

UG Projects:

- Industrial IOT based motor or transformer health monitoring system (AY 2023-24 batch UG) sponsored by Stuffbits Technologies LLP, Hadpsar, Pune.
- Artificial Intelligence Applications in Autonomous cars: (AY 2017-18 UG), Pune.
- A Convenient Driving System (AY 2020-21 UG) Sponsored by Techlead Automation and Robotics, Pune.
- Fatigue Detection of Driver using Convolutional Neural Networks, (AY 2021-22 UG).

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

- Reviewer for the National Conference on Pervasive Computing (NCPC 2K18), SCOE, Pune in February 2018.
- Session Chair in the NCPC – 2024 in April 2024.
- Contributed as a Resource person in FDP on the “Artificial Intelligence” under the aegis of BoS E&TC, SPPU, organized by E&TC Dr D. Y. Patil Institute of Engg., Management & Research, Pune, 13th July 2018.
- Delivered an expert session on “Neuro Fuzzy Systems and Applications of ANFIS” in Modern Education Society’s College of Engineering, Pune in March 2018.
- Delivered an expert session on “Digital Electronics and Logic Design” in one-week offline mode in SKN College, Pune in June 2017.
- Delivered an expert session on “Artificial Intelligence” in SKN College, Pune in August 2019.
- Delivered an expert session on “STP-II Module 4” in SCOE College, Pune in March 2023.
- Delivered an expert session on “Digital Electronics and Logic Design-Logic Family” in Computer Department at SCOE College, Pune in September 2017.
- Delivered an expert session on “Artificial Intelligence” in SKN College, Pune in July 2018.
- Delivered an expert session on “Introduction to Logic Families” in Computer Department at SCOE College, Pune in November 2020.
- Judge for the “Poster Presentation” arranged by E&TC Department in SKNCoE, Pune.
- Judge for the “Techtonic-2K20” a national level technical extravaganza organized by Sinhgad Technical Education Society, Pune.

- Judge for the technical event “Yukti” organized during TechTonic by E&TC Department in SKNCoE, Pune.
- Paper setter at VIT, Pune.
- Paper setter for 2 subjects under SPPU.

SUBJECTS TAUGHT:

- Digital Image Processing
- Digital Electronics & Logic Design
- Basic Electronics Engineering
- Electronic Skill Development
- Employability Skill Development
- Digital Business Management
- Soft Computing
- Machine Learning
- Artificial Intelligence
- Business Management
- Deep Learning

CONFERENCES ATTENDED:

- National Conference: NCSIPA-2009, CIPCIS-2019, NCPC-2018.
- International : ICPC- 2020, ICCCA-2017, ICETCSCIT-2010

FDP/STTP/SDP ATTENDED:

- TEQIP/AICTE/ISTE/IETE/Spoken Tutorial IIT Bombay sponsored FDP -13
- TechSaksham sponsored workshop - 01
- Infosys sponsored workshop – 01
- Other – 20+

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:**Society Level**

- Worked in Discipline Committee in Sinhgad Karandak, STES Vadgaon Campus in Feb 2012.
- Brought Sponsorship for the Sinhgad Karandak 2015 from Codingal Company.
- Worked as a Faculty Advisor, Sinhgad Technical Education Society's Hyperion Team at Manipal University, Udupi, Karnataka.

Institute Level (SCOE)

- Working as a Theme Event – Greekage Coordinator of the Institute in 2024.
- FE Admission Committee member for the academic year 2021-22.
- Worked in First Year Induction Program.

Department Level (E&TC)

Worked as SPOC for Infosys Campus Committee member for E&TC department from 2013-19

- Teacher Guardian, Class Teacher
- Organizing committee member for various Faculty Development Programs & National, International Conferences.
- Project Guide for BE & ME students
- Mentor for TE Internship Students.
- Departmental Training and Placement Committee Coordinator
- Departmental Social Media Coordinator
- Departmental Techtonic Event Coordinator (Art Circle)
- FE Admission Duty
- Purchase committee member for one year.
- Training and Placement coordinator from 2018 to 2023.
- Social Media Incharge of E&TC Department.
- Industry Interaction Cell (I2C) committee member.

DECLARATION:

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

Date: / / 2024

Signature