

**Name:**

Prof. Mrs. Sangita Ketan Bavkar

**Designation:**

Assistant Professor

**Contact Details:**

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**Educational Qualifications:**

- M.E. (E&TC, Signal Processing), Pune University, Pune, 2013.
- B.E. (Electronics), Shivaji University, Kolhapur, 2005

**Experience:**

- Industrial: 1.5 Years
- Teaching: 12 Years

**Research Interests:**

- Embedded systems
- Signal Processing

**Recognition/ Awards:**

Paper Name "Speech Denoising Using Variant of Minimum Controlled Recursive Average Algorithm and PCA" "Best Paper Award " IT Society of India.

**Professional Society Memberships:**

ISTE : LM 67305

**Number of Webinar organized: 01**

**Number of FDPs / STTPs attended: 10**

**Number of Workshops attended: 9**



**Number of Conferences / Seminars attended: 11**

**Number of Online Certification Courses done: 02**

**Number of Webinar attended: 15**

**Number of times served as a Resource Person: 01**

**Number of times served as a Reviewer / Judge: 02**

**Details of FDPs / STTPs attended in last 5 years:**

Academic Year 2020-21

- Attended Webinar on Cyber Security organised by PVG's COET in association with Edwise International on 2nd June 2020
- Organized webinar on **"Why The Buzz?An insight into Artificial Intelligence"** by Mr. Bhushan Muthian from Automaton AI on 8th June 2020
- Attended a online Guest session on "Soft Skills Development Program" in association with "Solutions" on the Topic "The World Within & The Power of Imagination" by Mr. Praful Tarela on 29<sup>th</sup> July 2020
- Participated in Webinar 'Saptarishi' organised by Dept of E&TC, PVG's COET in association with Copper Cloud IoTech on 30th June 2020.
- Attended webinar on "Resume Building" by Mr. Aditya Nilegaonkar and Mr. Nikhil Suryawanshi under IQAC and Dept of E &TC
- Attended Three Days National Level FDP on 'Outcome Based Education' under IQAC as FDP Coordinator
- Attended FDP on 'Smart Technology Pillars of 5G and Beyond' organized by Department of E&TC, Sinhgad Institute of Technology & Science, Narhe , Pune , from 27th January to 31st January 2021

Academic Year 2019-2020

- Attended **FDP on Scilab** organised by Dept of E &TC, PVG's COET, from 18th MAY to 22nd May 2020
- **Attended FDP on Linux** by Dept of E &TC, PVG's COET, from 25th MAY to 29th May 2020
- Attended Webinar on Machine **Vision and Its Application** by Pantech Solutions & Dept of Electronics and Telecomm, PVG's COET, Pune on 26th May 2020.
- Attended Webinar on **IoT and Enabling Technologies** by Copper Cloud IoTech & Dept of Electronics and Telecomm, PVG's COET, Pune on 26th May 2020.
- Attended a Webinar on "Leadership Development in Women Professional Entrants" by AISSMS, COE, Pune on 30<sup>th</sup> May 2020

Academic Year 2018-2019

- Attended session on 'Tips and Tricks for Technical Paper Writing' organised by E&TC dept at PVG's COET, Pune on 25th August 2018

- Attended for 12 weeks NPTEL (MHRD) Online Course on 'Fundamental of Power Electronics' Jan - April 2019.
- Attended a workshop on Moodles Learning Management System organised by TLC(ICT) at IIT Bombay, funded by PMMMMNMTT,MHRD,Govt.of India on 15th March 2019 at PVG's COET.
- Attended MATLAB hands-on session by MATLAB: Simulink and Antenna Toolbox organized on 30th and 31st January 2019 at PVG's COET.
- Attended FDP on 'Cyber security and Data Science' on 26th Feb to 3rd March 19 at PVG's COET Pune

### Academic Year 2017-2018

- Attended half Day workshop on Research orientation at PVG's COET, Pune-09 on 5th August 2017
- Attended Faculty Orientation Workshop of Power Electronics from 14th to 16th December 2017 at AISSMS IOIT Pune

### Academic Year 2016-2017

- Attended workshop on "Digital Electronics "at Bhivarabai Sawant College of Engineering and Research Narhe, Pune on 9th -11th June 2016.
- Attended training on "Embedded System Design Using TIVA" at PVG's COET Pune on 15th to 17th December 2016.
- Attended training on "Inkspacetraining" at PVG's COET Pune on 1st July 2016.

## **Major Portfolios Handled: (college level and department level)**

### **College level**

- **Girls Empowerment Cell**

We all are in team at college level arranging the programs or events for girls and female staffs as per the Nirbhay Kanya Scheme of SPPU.

- **Examination Committee**

Representing E&TC department and coordinating with college and department exam committee

### **Department level**

- **Exam Coordinator**

Preparation of TT for PR/OR, Student's data, attending meetings at SPPU, assignment of Junior Supervisors for Insem and Online exam and convey it to college office.

List of examiners for SPPU exams, online data entry, queries of students.  
Ensuring of smooth conduction of exams.

- **Mentor Coordinator**

Assignment of mentors (FE to BE), mentors meeting, feedback from students and mentors, reports to NBA/NAAC, assessment of mentoring scheme, corrective measures to be taken

- **VLAB Coordinator**

Identification of VLABs, Prepare TT and its implementation, FB from students, comments on outcomes. Keeping the record of total usage.