



**PIMPRI CHINCHWAD EDUCATION TRUST'S**  
**PIMPRI CHINCHWAD COLLEGE OF ENGINEERING AND RESEARCH**  
**RAVET, PUNE – 412101.**



## FACULTY PROFILE



**Name:** Mrs. Vijayalaxmi Sandeep Kumbhar

**Qualification:** ME (VLSI & Embedded Systems), PhD  
**Pursuing**

**Designation:** Assistant Professor

**Department:** E&TC Engineering

**Date of Joining :** 12th June, 2015

**Employee ID :** 40000040

**Total Experience:** Teaching- 14 Years

**Born on August 1986**, She has secured 14 years of Experience in teaching. She is pursuing PhD from G H Raison College of Engineering and Management, Pune. She has completed Post-Graduation in E&TC Engineering – VLSI & Embedded Systems (2015) from Savitribai Phule Pune University, Pune. She has completed a Graduation in Electronics & Communication Engineering (2008) from B.L.D.E.A's College of Engineering, VTU Belgaum.

- Received a \$ 2,000 grant from IEEE TryEngineering for organizing “IEEE Epoxy Solar Camp 1.0” workshop.
- Received \$ 322 grant from IEEE Region 10 IEEE HAC Special Call for Projects for the project “Autonomous Floor Cleaning Robot” sponsored by IEEE TryEngineering.
- IEEE STEM Ambassador 2021: Received a \$ 200 grant for organizing “Tinkercad and 3D Printer” workshop for pre-university students sponsored by IEEE TryEngineering.
- IEEE Bombay Section Sponsorship for attending IEEE Region 10 Humanitarian Technology Conference 2022 on 16/09/2022 to 18/09/2022 at Novotel Hyderabad.
- Served as track chair in IEEE Region 10 Symposium (TENSYP-2022) for poster presentation on 2nd July 2022.
- Delivered Session on IEEE SIGHT and HAC: Prominent Role in Changing the Trends of Society Challenges in SMELT 3.0 (Section Membership Enhancement and Leadership Training) flagship event organized by IEEE Bombay Section Student Activities Committee (SAC), in association with IEEE Region 10 SAC on 04/09/2022.
- Served as Track Chair for the Track Humanitarian And Social Impacts of Technologies” in IEEE Region 10 Symposium (TENSYP-2022).
- Conducted a STEM workshop “Experience the Power of Electronics” for 7th, 8th, 9th and 10<sup>th</sup> standard students of Motilal Talera English Medium School, Moshi, Pune and

S.B.Patil Public School, Ravet, Pune. More than 350 students benefited from this workshop.

- Served as Publication Chair for IEEE Bombay Section Sponsored 2022 2nd Asian Conference on Innovation in Technology (ASIANCON &#39;2022) on 26 - 28 August 2022
- Received an amount of Rs. 13, 000 /- from IEEE Bombay Section Educational Activities Committee for organizing STEM workshop for Pre-university students.
- Various IEEE Positions:
  1. Execom Member 2022 IEEE Bombay Section
  2. Chair 2022 SIGHT Pratham IEEE Bombay Section
  3. Vice Chair 2021 SIGHT Pratham IEEE Bombay Section
  4. Secretary 2020 SIGHT Pratham IEEE Bombay Section
  5. STEM Ambassador 2021 IEEE TryEngineering

## IEEE R10 STEM Ambassador 2021

**Lau Bee Theng, IEEE R10 Newsletter Editor**

The IEEE STEM Ambassador Program was developed to recognize IEEE volunteers for their contributions to pre-university STEM education. Join us in congratulating the 2021 IEEE STEM Ambassadors from Region 10.

Aliza Aini Md Ralib  
Bakhtawar Nawaal  
Gayathri Manikutty  
Graeme Gwilliam  
Hugo G. Espinosa  
Kam Weng Tam  
Lau Bee Theng  
Lochan Jolly  
Mohd Hafiz Ismail  
Mousiki Ka

Muliady Muliady  
Mumtahina Islam Sukanya  
Nurul I. Sarkar  
P Susthitha Menon  
Parkavi A  
Rosminazuin Ab Rahim  
Sathiabama T. Thirugnana  
Supavadee Aramvith  
Takako Hashimoto  
Vijayalaxmi Sandeep Kumbhar

Below are some enlightening sharing of thoughts from the STEM Ambassadors on how they are helping IEEE empower the next generation of technology innovators through their efforts in providing STEM outreach in their local communities:

*"In an increasingly dynamic world, our nation's younger generations must be ready to bring skills and knowledge to encounter problems, make use of information and resources, and know-how to gather and evaluate data to make accurate and proper decisions. These are the skills that students develop in science, technology, engineering, and math, including electronics disciplines known as STEM. If we want a country/nation where our future leaders, generations, neighbors, and workers can understand and solve some of the complex challenges and problems of today and tomorrow, and meet the demands and requirements of the dynamic and evolving workplace, improving students' skills, content knowledge, and literacy in STEM fields is essential. We must also make sure that wherever the younger generation lives, they have the right to quality learning environments."*



Vijayalaxmi Sandeep Kumbhar, India



6. IEEE PES Day 2021 Activities Ambassador

7. STEM Champion 2022

8. IEEE Student Branch Counselor

- Link for profile: <https://ieeebombay.org/sight/team-2022/>
- NBA Department Coordinator, Coordinator for NBA Criteria – 4 (Students' Performance).
- You  <https://www.youtube.com/channel/UCtbC2Mal35XT0fvMs3Gc1ew>
-  <https://scholar.google.com/citations?user=5PxUGJUAAAAJ&hl=en>