Urmila Bachate

Assistant Professor
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Qualification

- M.Tech. – Electronics Engineering– K J Somaiya college of Engineering KJSCE - SCGPA: 7.7
- B.E – Electronics Engineering– Shah & Anchor Kutchhi Engineering College - CGPA: 8

Areas of Interest

- OOPM using C++, JAVA
- Web Development HTML, CSS, javascript
- Software Testing and quality Assurance
- Embedded Systems & RTOS
- C-Programming
- Basic Electrical Engineering
- LINUX Server Administration
- Indian Knowledge system.

Professional Experience

- Assistant Professor – Fr. Agnel College of Engineering, Bandra West, Mumbai (FEB 2026 – Present)
- Assistant Professor – Shah & Anchor Kutchhi Engineering College Mumbai (04/07/2022 to 05/02/2025.)

Projects

- IOT Based smart Automatic Dustbin.
- Voice Disorder Detection Using Acoustics Analysis of Speech.
- Lamp ON OFF control.
- Underground cable connection fault detector.
- 4*4*4*4 LED cube using Arduino Uno.

Achievements

Presented paper in Proceedings of The International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) (e-ISSN: 2320- 9801, p-ISSN: 2320-9798| www.ijircce.com | |Impact Factor: 8.379 | || Volume 11, Issue 4, April 2023. "**IOT SMART DUSTBIN BASED GARBAGE MONITORING**."

· Certificate for completion of Python 3.4.3 training (**Spoken tutorial project – IIT Bombay**).

· Certificate for completion of LINUX training (**Spoken tutorial project – IIT Bombay**) · Course completion certificate on **Introduction to JAVA** (By **Infosys spring board**) · Orientation program for **Software Testing & Quality Assurance** from SIES college of engineering.

· Onramp Matlab.

· Onramp Matlab **Deep learning.**

· CISCO Networking Academy **Introduction to Cybersecurity.**

· Certificate of completion on **Deep Learning and Hardware Integration with Matlab**.

· Certificate of completion on **JAVA programming BootCamp Build real Project**.

· Certificate of completion **EGLE Software.**

· Certificate of completion **HTML.**

· Certificate of completion on **LINUX** server admin.