

Shraddha Shinde

Assistant Professor, Department of Computer Science & Electronics
Fr. Conceicao Rodrigues College of Engineering, Mumbai (FrCRCE)

Experience

July 2025 – Present

Assistant Professor (CSE Department), Fr. CRCE, Mumbai

Aug 2023 – June 2025

Senior Electrical Engineer, Philips Healthcare, Pune

Jun 2021 – Aug 2023

Electromagnetic Specialist, Dassault Systèmes, Pune

Jul 2020 – Jun 2021

RF R&D Engineer, Exicom Technology LLP, Mumbai

Jul 2019 – Jul 2020

M.Tech Associate, SAMEER (IIT Bombay, Govt. of India)

Nov 2016 – Nov 2017

R&D Associate, SAMEER (IIT Bombay, Govt. of India)

Education

M.Tech (Electronics & Telecommunication Engineering), VJTI Mumbai (2018–2020)

Masters of English Literature (2016-2018), Mumbai University

B.E. (Electronics & Telecommunication), St. Francis Institute of Technology, MU (2013–2016)

Diploma (Electronics & Telecommunication), Vidyalkar Polytechnic, MSBTE (2010–2013)

Awards & Achievements

- Attended a workshop on Mathematics in Engineering: A student-driven Pedagogical Endeavour, IIT B, TEQIP, and Initiative of the MHRD, Govt. of India, October. 2018.
- Marathon Winner in Gulf Petroleum Race (2017, 2018, 2019).
- Enthusia Marathon 2025 (5km) National level completed.

Projects Guided

- At Graduate Level : 2

Area of Specialization

RF & Electromagnetics, Microwave Filters, Antennas, PCB Design, IoT Systems, Embedded.

Important Responsibilities handled

- Teaching core Electronics & Emerging Technology subjects.
- Mentoring final year projects and industry-linked research.
- Technical documentation, compliance audits, and PLM management.
- Supervised exams for college students, ensuring adherence to policies and maintaining a secure testing environment.

Interaction with Outside World

- Published 3+ IEEE/Springer papers in Microwave & RF Engineering.
- Volunteer mentor with Akshara NGO, Teach for India, and Rangoonwala Foundation (health & education causes).

Paper Publications

1. Shinde S., Heddallikar A., Rathod D.P. "Design & Simulation of Microstrip BPF Techniques at X-band for RADAR Applications," Springer ICTCS 2021.
2. Shinde S., Heddallikar A., Rathod D.P. "Comparative Study of 5th Order Hairpin & Parallel Coupled BPF," ICTELCON 2020.
3. Shinde S., Heddallikar A., Rathod D.P. "Survey of Microstrip BPF Techniques for Various Applications," IEEE EMPRA 2020.