

Faculty Details



PROFILE

- Mentored over 10 B. Tech Projects
- Publications in International Journal: 03
- Publications in International Conferences: 01

RESEARCH INTEREST

- Signals and Systems
- Basic Electronics Engg.
- Electronic Devices
- Digital Signal Processing

CONTACT



BEE LAB (102), FIRST FLOOR,
WEST WING, UMIT, SNDTWU, MUMBAI-
400049.



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MS. PRATIBHA MAHAKAL

ASSISTANT PROFESSOR (ELECTRONICS AND COMMUNICATION DEPARTMENT)

EDUCATION

B. E in Electronics Engineering

Finolex Academy of Management and Technology, Ratnagiri, 2008-2012.

M. E in Electronics Engineering

Tatyasaheb Kore Institute of Engg. and Technology, Warananagar, 2016-2018.

WORK EXPERIENCE

Assistant Professor

Dept. of Electronics and Communication Engg., UMIT, SNDTWU, Mumbai., July 2022 – present.

Data operator in MIS, Senior Clerk

S.N.N. Services, Vahtuk Bhavan, Sativali, Vasai (E) – 401208, (Feb2021 - July2022).

Visiting Lecturer

Government Polytechnic, Ratnagiri., 2014 – 2020.

PUBLICATIONS

International Journals published – 03

1. Roma Yogesh Dube, Pranshu Ganesh Dolas, Pratibha Mahakal, " Robot Attendant Waiter ", Journal of Emerging Technologies and Innovative Research (JETIR), March 2025, Volume 12, Issue 3.
2. Pratibha Pawaskar, " Smart Stick for blind person assisted with android application and Save our souls Transmission," , International Journal of Electronics Engineering by CS-Journals (V-10,I-1), March 2018.
3. Pratibha Pawaskar, " Smart Cane for blind person assisted with android application and Save our souls Transmission," , International Journal of Engineering and Management Research by IJEMR (V-8,I 3,June 2018).

International Conferences – 01

1. Pratibha Mahakal, Bharat Patil, "Design and Development of an Automated Compact Household Biodegradable Waste Composter", published in the International Conference on Climate Change held at Chandrapur from 16th to 18th January 2025



USHA MITTAL INSTITUTE OF TECHNOLOGY

SNDT WOMEN'S UNIVERSITY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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AWARDS /SPECIAL RECOGNITION

1. Received Letter of Appreciation for contribution in **International Conference on Climate Change (ICCC2025)** held from 16th to 18th January 2025, at Chandrapur.
2. Received Letter of Appreciation for contribution in preparing the **NSS activities booklet** for the assessment period 2015-2020, during the **NAAC** Peer Team visit between 17-19, 2023.
3. Awarded a Certificate of Merit by S. N. N. Services on the 73rd Republic Day of India for exemplary performance and dedication as a **Meritorious Employee**, 26th Jan 2022.
4. The certificate of merit is awarded in **Maharashtra Talent Search Examination (MTS)** conducted at State Level on 28th April, 04.
5. Certificate awarded in "**Elementary Grade Drawing Examination**" held in the year 2003 and "**Intermediate Grade Drawing Examination**" held in the year 2004.

ADDITIONAL RESPONSIBILITIES/DUTIES ASSIGNED BY INSTITUTE AND UNIVERSITY

1. Major Project / Mini Project Coordinator
2. Seminar / Technical Seminar Coordinator
3. Active member of the organizing committee for the **Aavishkar Inter University Level Competition-2025** held at UMIT on 4th January 2025.
4. Active member of the organizing committee for the **Drone Technology Workshop** organized by UMIT on 11th to 13th November 2024.
5. Have actively **participated in NAAC related work conducted in UMIT - SNDT University.**
6. **Class Advisor** (apart from Academic load) at UMIT.
7. Active member of the organizing committee for the program organized by UMIT on the occasion of **Silver Jubilee and Engineer's Day** at UMIT between 15th to 16th Sep 2024.
8. Active member of the organizing committee of **SIH-2025** (Institute Level) held at UMIT