◆MODERN EDUCATION SOCIETY'S ◆

NOWROSJEE WADIA COLLEGE, PUNE

FACULTY ACADEMIC PROFILE

PRAJAKTA MOHITE

Assistant Professor Biotechnology Department
Highest Qualification: M.Sc. Biotechnology; Ph.D. pursuing
Specialization: Biotechnology and Microbiology
Official Email: prajaktamohite@nowrosjeewadiacollege.edu.in

PROFESSIONAL SNAPSHOT

Biotechnology educator and research scholar with **7 years** of experience in undergraduate and postgraduate teaching, guiding student in research projects. Pursuing a Ph.D. in Biotechnology at Rajiv Gandhi Institute of IT and Biotechnology, Pune. Previously served as Assistant Professor of Microbiology and Zoology at Asian College of Science and Commerce, Pune (Affiliated to SPPU). Worked **3 years** as a Quality Control Officer at Gennova Biopharmaceuticals Ltd. Pune.

EDUCATION

Qualification	University / Institution
Ph.D. Biotechnology(Pursuing)	Rajiv Gandhi Institute of IT and Biotechnology, Pune
M.Sc. Biotechnology	Krishna Institute of Medical Sciences, Karad
B.Sc. Zoology	Krishna Mahavidyalaya, Shivaji University, Kolhapur

TEACHING & ACADEMIC INTERESTS

• Microbiology • Cell Biology • Molecular Biology • Fermentation • Biochemistry • Zoology

RESEARCH & PUBLICATIONS | OPTIONAL

- Research Area: Gut microbiome profiling and probiotic isolation.
- Selected Academic Books: Research Methodology (2024); Introduction to Microbial World (2024); Medical Laboratory Technology I (2024).
- Probiotic Isolation from Katkari Tribal Infants and the Significance of Gut Microbiome Profiling in an Indigenous Community.
- Exploration of possible antimycotic activity of *Pseudomonas stutzeri* against human pathogenic Aspergillus sp.
- Novel Uncultured Bacteria Showing Out Group in Phylogeny Analysis Indicating Failure of NCBI 16S rRNA reference sequence database for its Genus and Species Level Identification can Inhibit *Bacillus safensis* strain MRTV10
- Research Profile: https://orcid.org/0000-0003-3477-0380

ACHIEVEMENTS & PROFESSIONAL DEVELOPMENT | OPTIONAL

- **Women Scientist Award, DTHN-2026**, International Conference on Digital Transformation in Healthcare and Nursing, organized by Metaxur, 20 August 2026 (hybrid conference, London, UK).
- **Best Paper Presentation Award**, ICSGAAM 2025, online, 3–4 November 2025.
- Conference presentation: "Microbiome & the Biotic Family: R&D Leading to Clinical & Commercial Implication",
- Swami Rama Himalayan University, Dehradun, 19–20 December 2025.
- Oral presentation:, International Conference on Probiotics & Functional Foods (ICPFF 2026), online, 9–10 May 2026.

ACADEMIC RESPONSIBILITIES | OPTIONAL

- Undergraduate and postgraduate teaching.
- Junior supervision of SPPU and Bharati Vidyapeeth semester examinations.
- Internal and external examiner for SPPU practical examinations.