

PRIYA KARNIK

M I C R O B I O L O G I S T

PROFILE

M.Sc. Microbiology graduate from St. Xavier's College, Mumbai, currently researching stem cell-niche and developmental biology at the Rohan J. Khadilkar Lab, ACTREC. Skilled in molecular biology (PCR, transformation, molecular docking), microbial cultivation, bioinformatics tools, and Python. GATE 2024 Life Sciences qualifier, with a strong interest in applying AI and data science to biological research.

PROFESSIONAL EXPERIENCE

Assistant professor (Adhoc)

St. Xavier's college, Mumbai | June 2024 - October 2024

- Curriculum delivery & lesson planning
- Student mentorship & guidance
- Simplifying complex concepts
- Classroom & time management
- Public speaking & presentation
- Collaboration with faculty
- Setting and evaluating exam papers

Assistant professor (Adhoc)

St. Xavier's college, Mumbai | Jan 2023 - Feb 2023

- Curriculum delivery & lesson planning
- Student mentorship & guidance
- Simplifying complex concepts
- Classroom & time management
- Public speaking & presentation
- Collaboration with faculty
- Setting and evaluating exam papers

CERTIFICATIONS

- **GATE 2024** – Life Sciences (XL) – Qualified
- **Hands-On Training on Molecular Biology Techniques** – June 2024
- **Diabetes: A Global Challenge** – University of Copenhagen (Coursera), Nov 2021
- **Gut Check: Exploring Your Microbiome** – University of Colorado Boulder & University of California San Diego (Coursera), Sep 2021

AWARDS

- THE SAIFEE EDUCATIONAL AID PROGRAMME SCHOLARSHIP-1st in TYBSc Microbiology

CONTACT

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🏠 Mumbai, Maharashtra, India

EDUCATION

Sophia College, Mumbai

Bachelor's Degree in Microbiology
2017 – 2020

St. Xavier's College, Mumbai

Masters of Science in Microbiology
2020 – 2022

SKILLS

- **Molecular & Computational Biology:** PCR, transformation, molecular docking, sequence alignment, primer designing, other basic molecular biology techniques.
- **Software & Programming:** MS Office, Excel (statistical analysis, data analysis & visualization), Python.
- **Microbiology:** Aseptic techniques, microbial staining, dilution & viable count, media preparation, microbial cultivation & identification, disc diffusion & agar cup methods.
- **Languages:** English, Marathi, Hindi.
- **Soft Skills:** Analytical problem-solving, leadership, strong organizational and time-management skills, exceptional communication and interpersonal skills, ability to work independently and in a team, detail-oriented, able to handle multiple tasks simultaneously, quick learner.