



AAROHI GAIKWAD

STUDENT

CONTACT

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Pune, Maharashtra, India

EDUCATION

BSc Biotechnology
MES Abasaheb Garware College,
Pune

Current CGPA: 8.85 (Semester 3)
Relevant Coursework: Molecular
Biology, Genetics, Microbiology,
Biochemistry

LANGUAGES

- English (Fluent)
- Marathi (Mother tongue)
- Hindi (Fluent)
- German (Basics)
- Sanskrit (Basics)

HOBBIES

- Mountaineering,
Swimming, Badminton.
- Classical Music, Theatre,
and Painting.
- Reading and Writing articles.
- Staying updated on
biology research.

LINKS

- [Linkedin Profile](#)
- [Portfolio](#)

PROFILE

I am a passionate Biotechnology student with hands-on experience in molecular biology, microbiology, and advanced techniques like PCR, HPLC, and CRISPR-Cas9. Strong foundation in research and scientific communication, I aim to contribute to impactful advancements in biotechnology and sustainable solutions in life sciences..

WORK EXPERIENCE AND EDUCATION

Agharkar Research Institute On Job Research Training

2024

- Hands-on experience in PCR, HPLC, GCMS, Sanger sequencing, and microscopy. Conducted DNA isolation and molecular biology experiments, enhancing technical proficiency.

Sheetal laboratory

Intern

- Performed water testing, improving skills in dilutions, moles, conversions, and pH analysis. Gained hands-on experience in laboratory techniques, improving precision in sample preparation, analysis, and data interpretation

Technical Skills

- Molecular Techniques:** PCR, HPLC, GCMS, Sanger sequencing, CRISPR-Cas9. DNA, RNA, Plasmid Isolation, Gel Electrophoresis (Agarose, PAGE, and SDS PAGE)
- Microbiology Techniques:** Plating, Preparation of Competent Cells, Transformation, Staining Techniques. (Bacteria/Fungi)
- Analytical Techniques:** HPLC, GCMS, LCMS - Dilutions, conversion, Buffer preparation. - Survey: Data Analysis (N= 133)
- Scientific Communication:** Research Writing, Scientific Blogging, Proposal Writing

PROJECTS, WORKSHOPS AND COURSES

Conducted research projects on Rhizobium Isolation & Soil Health, helping farmers improve soil analysis.

Participated in multiple workshops on CRISPR-Cas9, Genomics, HPLC, and Scientific Writing.

For a complete list of my workshops, projects, and certifications, visit my [Portfolio](#).