

SHREEJA BURKUL

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Nashik

SUMMARY

Passionate biotechnology professional with 1 year of experience in designing and executing experiments, with presentation skills and Passionate about utilizing scientific research to address environmental challenges and develop sustainable solutions

TECHNICAL SKILLS

Molecular biology techniques	Sanger Sequencing	Lyophilization	Food Quality check
Microbiology techniques	HPLC	Fermenter	Food Quality Assurance

PROFESSIONAL EXPERIENCE

K. K. Wagh College of Agricultural Biotechnology

April 2026- Present

Assistant Professor

Conducting lecture for B.tech Biotechnology students

PARLE BISCUIT PVT.LTD

Dec 2025- Mar 2026

Qc lab Chemist

Physical & Chemical Analysis of Raw material & Finished product. Ensuring uniform good quality of all the products.

Ensure proper storage and handling of chemical and test sample. Taking corrective action in case of deviation in analysis.

Online testing of raw material & finished product.

Effective Process Checking

Communication with Production Manager, Plant Head regarding testing & process deviations.

Ensure Good quality & Food safety in the process. Sample sending on regular basis as per SOP.

Food safety and standard act training. Food

Allergy and intolerance training.

Attended Productivity Quality & Safety training arranged by Parle. Attended

FSMS & Quality related training arranged by Parle.

CSIR-NCL, Pune

JUNE 2024-JUNE 2025

Dissertation

Exploring soil derived Rare Actinobacteria for novel bioactive compound Identifying rare actinomycetes by sanger sequencing

Studied antimicrobial activity

Glorious Exotica, Pune

JAN 2024- FEB 2024

Job Training

Sex determination of birds by Molecular techniques

Disease identification in animals by primer designing specific.

Primers according to Host, class, species, genus of animals and Birds

ICAR-Directorate of Floral Research, Pune

JAN 2022-APRIL 2022

Internship

Studied biochemical parameters of indoor plants Photosynthetic efficiency in indoor plant by stomata fingerprinting.

Plant tissue culture techniques - *In-vitro* regeneration of Jasmine

EDUCATION

Master of Technology

JUNE 2023 -JULY 2025

M. tech in Chemical and Biotechnology | Pune University

GPA: 8.2

JUNE 2018 - JULY 2022

Bachelor of Technology

B. tech Biotechnology | Mahatma Phule Krishi Vidyapeeth University GPA:

7.8 / 10.0

ADDITIONAL INFORMATION

- ◆ **Languages:** English, Hindi, Marathi
- ◆ **Certifications:** Volunteer in Guinness World Record Campaign (Mere Mati Mera Desh), Volunteer in cultural fest (Tantra), Clear 3 Exams of Classical music