

PROFILE

MSc Biotechnology graduate with hands-on experience in molecular biology and analytical techniques. Skilled in PCR, Chromatography, and data analysis. Motivated to contribute to translational research and innovative health science projects.

EDUCATION

M.SC. BIOTECHNOLOGY

Guru Jambheshwar University of Science and Technology, Hisar, Haryana
2023-2025

B.SC. BIOTECHNOLOGY

Kurukshetra University, Kurskshetra,
Haryana 2019-2022

INTERMEDIATE, SCIENCE

Govt. Sr. Sec. School, Nissing, Karnal

PROJECT

- Extraction and characterization of Branched-Chain Amino Acid transferases (BCAT) gene in - Brassica rapa (var. Toria).
- Preparation and analysis of wine from different fruit; Developed fruit- based wine through microbial, analyzed fermentation quality and alcohol content.

LANGUAGE

- ENGLISH
- HINDI

STRENGTHS

- Strong academic foundation.
- Learner with a curious and analytical mindset.
- Strong communication and presentation skills.
- Practical knowledge of laboratory techniques.
- Effective student mentoring and academic performance tracking.

SKILLS

- Molecular biology techniques: DNA extraction, PCR, Gel electrophoresis, Primer Designing.
- Chromatography Techniques: HPLC, GC, TLC, Affinity, Size Exclusion, Ion Exchange.
- Microbiology: Microbial culturing and fermentation, aseptic techniques, media preparation.
- Analytical and computational: MS Office, Basic Bioinformatics Tools(BLAST, FASTA AND CLUSTALW).

COMPETITIVE EXAM

- Gat- B qualified,2023
- ICAR PG entrance exam, air 17, 2022
- CSIR-UGC NET (life science) qualified for Ph.D. eligibility dec-2024