



ANUSHKA YADAV

Biotechnology Student

My Contact

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📍 Indirapuram, Ghaziabad, U.P.

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Hard Skill

- **Molecular Biology:** Polymerase Chain Reaction, Agarose Gel Electrophoresis, SDS-PAGE, Western Blot, Plasmid Isolation.
- **Biochemistry:** Bradford Assay, Protein Purification, Buffer preparation.
- **Microbiology:** Media preparation, Streaking, Broth Culture, Determination of growth curve, Gram Staining, Antibiotic sensitivity test.
- **Bioprocess:** Enzyme Kinetics Estimation.
- **Animal Biotechnology:** Isolation of PBMC, changing media of adherent culture in T- flask.
- **Plant Biotechnology:** Preparation of Media, Callus Induction.
- **Bioinformatics:** Docking, Sequence alignment, PCR primer designing, data-mining

Soft Skill

- MS-Word
- MS- Excel
- Report Writing
- Work Planning
- Critical Thinking
- Strong Communication

Education Background

- **Gautam Buddha University**
Integrated dual degree B.Tech- M.Tech
Secured 8.59/10.0 CGPA - 8th Semester
2019- Pursuing
- **Somerville School Noida**
Senior Secondary Education (Class XII)
Secured 87.8 % - CBSE Boards
Completed in 2019
- **Somerville School Noida**
Secondary Education (Class X)
Secured 9.0/ 10.0 CGPA - CBSE Boards
Completed in 2017

About Me

I am a 9th-semester M.Tech student who is diligent and enthusiastic about biotechnology with a strong passion for Immunology, Molecular Biology and Cancer Cell Research. I am eager to apply my dedication and knowledge to work in these fields and actively seeking opportunities to contribute and grow in these areas.

Professional Experience

1. ICMR-National Institute of Cancer Prevention and Research, Noida

Jun 2023- Jul 2023

- Acquired knowledge about cervical cancer, including the viruses that cause it, the genetic changes that lead to cancer, and the methods used to detect and treat it.
- Some Basic Bioinformatics tools.

2. National Workshop on Skill Development in Molecular Biology Techniques by GBU- NIU

Apr 2023

- Learnt basic molecular biology techniques.

3. International Bioinformatics Workshop on Cancer Genomics by Decode Life

Aug 2023- Sep 2023

- Acquired knowledge on the basics of R programming, data retrieval from cancer databases, transcriptomics, data visualization and interpretation, weighted gene co-expression network analysis, and multi-omics data retrieval with R programming.

Extra- Curriculum

- 2019 - Present Volunteer - National Service Scheme, GBU
- 2021- 2023 Volunteer - The Rakshin Project by Sakshi
- Apr 2023 Manak Mitra - BIS Noida

Certifications

- Advanced English Communication, Confidence, Mindset
- Python PCEP
- Genetics and Next Generation Sequencing for Bioinformatics
- Mycelium Growth with NetLogo Web at Coursera