

RUDRAKSHA TRIVEDI

Biotechnologist

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Date of Birth: 08/14/2002

Gender: Male

Marital Status: Single

Address: Gandhi chowk sarafa line,
Arvi, Maharashtra.

Nationality: India

Hello, I am Rudraksha Trivedi, 22, recently completed with a B Tech degree in Biotechnology seeking an entry-level position to apply academic knowledge, hands-on laboratory skills, and a passion for innovation.

I am eager to contribute to a dynamic team, learn from experienced professionals, and make a meaningful impact in the biotechnology field with a passion for scientific enquiry and commitment to excellence. I strive to contribute to research and development efforts in the Biotech and Life science industries.

Work Experience

February 2024 - RESEARCH INTERN
April 2024

Dr.PDKV Akola(RRC)

AMRAVATI, Maharashtra

Core Knowledge Areas:- Proficient understanding of biological principles, including genetics, microbiology, biochemistry, and cell biology. Knowledge of molecular techniques such as PCR, DNA sequencing, and gene expression analysis. Understanding of bioprocessing, fermentation, and downstream processing.

Laboratory Skills:- Proficient in laboratory techniques, including aseptic techniques, cell culture, protein purification, and analytical methods. Experience with cutting-edge technologies in biotechnology research and development.

Analytical and Problem Solving Skills:- Strong analytical thinking and problem-solving skills to design and troubleshoot experiments. Ability to critically analyse scientific literature and apply findings to research or industrial processes.

Bioprocess Engineering:- Knowledge of designing and optimizing bioprocesses for the production of biopharmaceuticals, biofuels, or other bioproducts. Familiarity with scale-up and scale-down processes.

Regulatory Affairs and Compliance:- Understanding of regulatory requirements for biotechnological products. Knowledge of quality assurance and quality control processes.

Bioinformatics:- Basic proficiency in bioinformatics tools for data analysis, especially in genomics and proteomics.

Communication Skills:- Effective written and verbal communication skills to convey complex scientific concepts to both technical and non-technical audiences

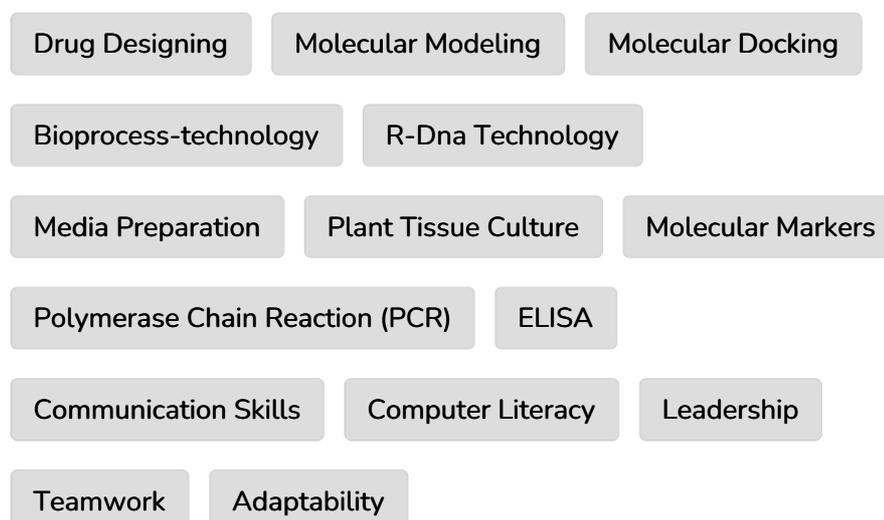
Education

December 2020 - May 2024	Biotechnology - Shri Shivaji College Of Agri Biotechnology Bachelor Of Engineering	Amravati, Maharashtra.
July 2018 - July 2020	Higher Secondary Examination - Khandelwal Dyan Mandir HSC	Akola, Maharashtra.
July 2017 - July 2018	Secondary Examination - Innovative Minds School Of Excellence SSC	Wardha, Maharashtra.

PROJECTS

- 1) Molecular Docking of Metalaxyl, Mancozeb & Silver Nanoparticles with Rna Polymerase I of Phytophthora Affecting Citrus Plant.
 - 2) Survey of Citrus Farmer's Affected Through Phytophthora.
 - 3) Formulation & Production of Nutrabeverage.
 - 4) Extraction, Purification & Gel Electrophoresis of Genomic DNA from Plant Samples for Restriction Digestion Through EcoRI.
 - 5) Plant Tissue Culture of Banana from its Sucker.
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Skills



Hobbies

Reading Books

Travelling

Fitness Enthusiast

Playing Chess

Referees

Available on Request