

Rutuja Mogal

BIOTECH ENGINEER

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PERSONAL PROFILE

A young aspirant looking for opportunities and learning experiences to utilize skills and abilities to provide good service and expand my knowledge.

EDUCATION

University of Mumbai

Bachelor of Engineering in Biotechnology

Year : 2016-2020

CGPA : 7.24

Percentage : 65.07

EXPERIENCE

- *Trainee Analyst (Bioanalytical Research)*

Jan 2021-July 2021 Anazeal Analyticals
& Research Pvt. Ltd.

- Receipt, storage and retrieval biological samples
- Handling of equipments such as PH meter, Analytical and micro balance, Micropipette, Multi tube vortex shaker, Cooling centrifuge, Nitro evaporator, etc.
- Maintenance of the equipments used in Bioanalytical Research
- Maintenance of the log books and calibration of the Bioanalytical equipments

PROJECTS

Production of an air freshener gel:

- Production of an air freshener gel from the basic and natural components.
- Production of an environment friendly air freshener that can be utilized for the betterment of the environment.

INTERNSHIPS

- *Executive, Industry Relations*

July 2020 - Dec 2020 Darwin, Bioriidl

- Worked as a core team member of Darwin 2020
- Management of the workshops and Industrial tours
- Management and Networking experience

SKILLS

Technical:

- Chromatography techniques (Column chromatography, Thin layer chromatography, Partition chromatography)
- Homology modelling and protein structure prediction
- SIMZLAB
- SCILAB
- MS Office

Soft Skills:

- Quick Learner
- Leadership Qualities
- Public Speaking

ACHIEVEMENTS

- TARGETED PROTEOMICS (IIT BOMBAY):

A workshop on the recent advancements and significant achievements in targeted proteomics research, overview of proteomics data analysis and interpretation.

- CHEMTECH, BIOPHARMA:

A student outreach program held at Bombay Exhibition Centre, Mumbai that focused international exhibitions and conferences.

- COMPUTER AIDED DRUG DESIGN:

Attended Icon lecture on drug discovery and design that included drug pipeline and demonstration, simulation, chemi-informatics.

- BIOERA LIFE SCIENCES, PUNE:

Hands on workshop for understanding of different Genomic techniques such as DNA extraction, Gel documentation, DNA sequencing, Bioinformatics.

- BIOHACKATHON (DARWIN):

Project presentation competition for building a system with biological component or application. Presented the project model - an eco friendly Air Freshener Gel.