

OBJECTIVE

Hardworking and passionate individual with strong organizational skills working towards building a career in research and development. A reliable employee offering excellent communication and good judgement in problem resolution.

EXPERIENCE

Ahmedabad, Gujarat
Aug 2022 - Present

Trainee (Upstream Process Development)

Intas Pharmaceuticals Ltd.

Learning outcomes included -

- Aseptic technique - Sub-culture and maintenance of cell banks and vial revival of Chinese Hamster Ovary (CHO) cells.
- 5L Bioreactor - Dry and wet heat sterilization of bioreactor assembly, Media and feed preparation, DO and pH probe calibration, PID settings, Media fill, Inoculation and daily sample analysis together with instruments including Vi-cell, BGA, bioanalyzer, osmometer, glucometer, Cedex biosystem and nanodrop spectrophotometer.
- Harvest of fed-batch bioreactor and protein purification by affinity chromatography.
- Recording experimental data into data management system (LNBs, eLN)
- Data analysis from SEC, CEX, HIC and glycan profile

Soft skills developed including -

- Working effectively as a team with the ability to accept and learn from constructive criticism whilst keeping a positive attitude
- Working well under pressure with time management
- Leadership, communication and problem-solving skills
- Maintained punctuality in work attendance and project completion
- Acted with integrity, honesty and knowledge to promote culture of the company

Guwahati, Assam
Aug 2019 - Dec 2019

Project Internship

IIT Guwahati

Research internship project entitled 'Prospecting Thermostable Proteases and Thermostable Cellulases by CODEHOP Primers'. Mainly focused on bioinformatics including sequence collection from databases, motif discovery and analysis, sequence alignment and primer designing for thermostable proteases and cellulases.

EDUCATION

Pilani, Rajasthan
Nov 2020 - May 2022

Master of Engineering

Birla Institute of Technology and Sciences, Pilani

Secured an overall cgpa of 7.91 with electives including Immunology, Human Genetics, Parasitology, and Stem Cell and Regenerative Biology

Dissertation topic - Cloning of Apoptosis-related gene in *Plasmodium*
Study in Advanced Topics Project - Characterization of Fe-S protein PvCia2

Pune, Maharashtra
Aug 2015 - May 2019

Bachelor of Technology

Dr. D. Y. Patil Biotechnology and Bioinformatics Institute

Secured an overall percentage of 74.13%

Dissertation topic - Isolation, Purification, Characterization and Applications of Thermophilic Alkaline Proteases isolated from hot water springs of Western India

SKILLS

- Molecular Biology and Cloning
- Protein chemistry
- Cell culture
- PCR
- Bioreactors
- Teamwork
- Problem-Solving
- Leadership
- Organized
- Time management

LANGUAGES

German

Elementary

English

Advanced

Hindi

Native

ACHIEVEMENTS

A member of an online organisation on instagram name petloveinsta where volunteers come together to feed and provide care for stray animals all over the city of vadodara.

Volunteered in the Health and Public Awareness Department at NSS where the key roles involved leading action plans for teaching children of people from surrounding villages at BITS, Pilani and other initiatives

Currently involved in volunteering as a listener at 7 cups of tea, an online app platform for people struggling with mental health issues.

CERTIFICATIONS & COURSES

Completed a month long online course on psychology from Mycaptain (an online learning platform).

Qualified National level GATE examination and secured a GATE score of 418.

Completed a training workshop on Next Generation Sequencing with hands-on experience on DNA isolation, sanger sequencing and NGS.