



SHREYA TUSHAR RAUT

LIFESCIENCE (MSC MICROBIOLOGY) |
LINKEDIN.COM/IN/SHREYA-RAUT-4089B5194

OBJECTIVE

As an experienced candidate my objective is to work in a learning environment where I can contribute effectively to the growth of the organization by applying my skills, abilities, experience & education.

SKILLS

Pursuing Education:

MBA Operation Management-
NMIMS University (2021-23)

Patent & Paper Publication:

- Antimicrobial activity of Astaxanthin pigment extracted from shrimp waste against microorganisms and to study the effect of gamma radiation on the production yield of Astaxanthin.

EXPERIENCE

LAB ANALYST (GLOBAL ENZYME ANALYTICAL UNIT) • ZYTEX BIOTECH PVT. LTD. • 13TH JULY 2020 – PRESENT

- Strength in detergent enzyme analysis like proteases, lipases, amylases, cellulases, pectinases adhering to the TAT of not more than 5 days.
- Strength in operating 3-4 instruments simultaneously and performing software driven automated enzyme analysis of detergent enzymes.
- Executing enzyme analysis in various formulations of 30 samples at a time in detergents & dishwashing (Powder, Liquid, Tablets & Gels)
- Method development & Validation of solid enzyme granulates, liquids.
- Determining enzyme activity, Method Development & Validation of International Flavors and Fragrances Inc. enzymes.
- Identifying various enzymes present in competitor products, stability study, QC testing of raw materials & samples of Unilever manufacturing / R&D units worldwide.
- Preparing reports of more than 20 samples, trend analysis & delivered to Unilever as required in a day.

PRODUCT SPECIALIST • LABTRON EQUIPMENT PVT. LTD. • 29TH SEPTEMBER 2019 – 6TH JULY 2020

Promoted medical devices to various countries via mail, content writing of devices like BP monitor, ICU bed, ECG machine etc. Prepared quotations, documented daily tasks and kept records of list of customers on daily basis.



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Research:

- Referencing relevant research papers
- Handling & working with Laminar Air Flow (LAF), Biosafety cabinet.
- Working knowledge & troubleshooting of instruments like HPLC, UV Spectrophotometer, Gallery Plus Analyzer, Konelab Arena Analyzer

Maintained customer relationship by handling customer queries and successfully managed to deliver more than 3 products in more than 100 quantity each.

EDUCATION

MSC MICROBIOLOGY • 2019 • BHAVANS COLLEGE- MUMBAI UNIVERSITY
CGPA- 8.92

BSC MICROBIOLGY • 2017 • BHAVANS COLLEGE- MUMBAI UNIVERSITY
72%

VOLUNTEER EXPERIENCE OR LEADERSHIP

Kaizen 6S Leadership:

Conducting internal & external audit within 3 departments within the organization & successfully achieving Green zone twice in Unilever's external audit in the leadership period.

Successfully developed Single Extraction Solution wherein all enzymes can be extracted & analyzed from a single filter paper technique & taking the hold of accountability for more than 70 factories worldwide.

- ✓ Trained HUL officials in Enzyme Analytical Unit.
- ✓ Chemical Inventory Analysis



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