

G LAVANYA

Chemical Engineer

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EDUCATION

DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY
Chemical Engineering

Sonipat, Haryana
2020-2024

DELHI PUBLIC SCHOOL
CBSE(XII) 89.4 % in Non-Medical
CBSE(X) 10 CGPA

Gurugram, Haryana
2019
2017

EXPERIENCE

PUNJAB CHEMICALS AND CROP PROTECTION LTD
Graduate Engineering Trainee

Lalru, Punjab
July 2024-Present

- **Process engineering & optimization:** Contributed immensely in optimization of the most profitable product of the company which involved creating a P& ID, preparing Block Flow Diagram for the various processes, fitment of the process in a facility according to the available equipment and process monitoring in coordination with R&D.
- **Solvent Recovery Plant:** Experience of DCS and SCADA system.

INTERNSHIPS

PUNJAB CHEMICALS AND CROP PROTECTION LTD
Intern

Lalru, Punjab
February 2024-May 2024

- **Mass Balances and Block flow diagrams**
- **Solvent Recovery Plant:** Devoted for the pre- commissioning of Continuous Column for Methanol Rectification.
- **Tank Farm Area:** Drafted the SOP for safe transportation of Methyl Formate and provided training to the concerned personnel.

MARUTI SUZUKI INDIA LTD
Summer Intern

Gurugram, Haryana
July 2023-August 2023

- **Effluent Water Treatment:** Primary, secondary & tertiary water treatment, challenges, reverse osmosis, mixed bed unit, ultrafiltration and parameters of effluent.
- **Zero Liquid Discharge:** Study of upcoming ZLD setup.

MARUTI SUZUKI INDIA LTD
Summer Intern

Gurugram, Haryana
August 2022-September 2022

- **Oil and Fuel Analysis:** Distillation test on gasoline, Inductive Coupled Plasma, Copper strip test, Gas chromatography, Mass spectroscopy, Karl Fischer Method, determination of total sulphur content, flash point, pour point, vapour pressure analysis, water content, kinematic viscosity tester, gum content and density analysis.
- **Ethanol Blending:** Study of importance & its applicability.

FINAL YEAR PROJECTS

LANGUAGES

- Production of Paper Pulp from Ground Nut Shells.
- Design of Continuous Column for Methanol Rectification.

English Hindi
Tamil French

EXTRA CURRICULARS & ACHIEVEMENTS

- IChE Student Chapter Member, DCRUST.
- 3rd position in IChE Student Chapter Poster Making competition, DCRUST.
- Training and Placement Cell Representative & Documentation Head of National Service Scheme, DCRUST.
- Active volunteering in various events, camps and awareness programs in NSS.
- DELF A1 with highest score of 97, DELF A2 & President Computer Club, DPS.
- Marker Cup in English, Informatics Practices for 2 consecutive years with a perfect score of 100 in boards.
- DELF A1 with highest score of 97, DELF A2.
- 2nd position in National Level of French Word Power Competition.

SKILLS

Microsoft Office
Batch Flow Diagram
Process Engineering & Optimization

Excellent Communicator
Leadership
P& ID

MySQL