

MOHD FAIZAN

Chemical Engineer
New Delhi – 110025, India

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Profile:

Hardworking and solution-oriented engineer trainee seeking job opportunities. Looking forward to work for an organisation which would utilize all my skills to promote mutual growth and development.

Education:

B. Tech (Chemical Engineering) July 2019 – Present (Final Year)
Noida Institute of Engineering and Technology
7.12 CGPA

Full time Chemical Engineering course at Noida Institute of Engineering and Technology with good command on core engineering subjects like **Fluid Mechanics, Heat Transfer, Chemical Reaction Engineering, Mass Transfer and Chemical Technology**.

Class 12th Boards: June 2019
Green View Public School
64%

Class 10th Boards: June 2016
St. Mary's School
85%

Skills:

1. Process Design

3. Quality Control

5. Communication Skills

2. Unit Operations

4. Process Optimization

6. Project Management

Projects:

➤ **Extraction of Cinnamaldehyde from Cinnamon** Jan 2022 – March 2023

This project deals with the comparison of the efficiency of **Steam and Soxhlet distillation** used in the extraction of cinnamaldehyde. It also involves testing for the presence of the active compound using **High Performance Liquid Chromatography (HPLC)** and analysis of **anti-microbial** activity in cinnamaldehyde by the formation of **clear zones**.

➤ **Chlor-Alkali Industry** Aug 2021 – Dec 2021

Detailed explanation of the manufacturing process in Chlor-Alkali Industry and analysis of the products obtained namely; **NaOH, Chlorine and Hydrogen** along with **process flow diagram**.

Courses/Certifications:

- ❖ **Soft Skills and Personality Development** Aug 2019 – Dec 2019
IIT Kanpur
- ❖ **Certificate in Business English Communication** Sep 2019 – Jan 2022
Cambridge University, UK
Secured 1st position in college

Software Exposure:

- Aspen HYSYS
- DWSIM
- Microsoft Office
- C++

Languages:

- HINDI
- ENGLISH