

# MOHD FAIZAN

Chemical Engineer  
New Delhi – 110025, India

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## Profile:

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Hardworking and solution-oriented individual seeking entry level chemical engineer position. Passionate about industrial applications of chemical engineering. Looking forward to work for an organisation which would utilize all my skills to promote mutual growth and development.

## Education:

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### 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 12<sup>th</sup> Boards:

June 2019

Green View Public School

64%

### Class 10<sup>th</sup> Boards:

June 2016

St. Mary's School

85%

## Skills:

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1. Process Design

3. Quality Control

5. Communication Skills

2. Unit Operations

4. Process Optimization

6. Project Management

## Projects:

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### ➤ 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:**

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|---|---------------------|
| ❖ <b>Soft Skills and Personality Development</b><br>IIT Kanpur  | Aug 2019 – Dec 2019 |
| ❖ <b>Certificate in Business English Communication</b><br>Cambridge University, UK<br>Secured 1 <sup>st</sup> position in college | Sep 2019 – Jan 2022 |

## **Software Exposure:**

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

## **Languages:**

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- HINDI
- ENGLISH