




Rohit Kumar

Chemical Engineer

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Education:

- **B.Tech (Chemical Engineering)**
2014- 2018
from
**Dr. A.P.J. ABDUL KALAM TECHNICAL
UNIVERSITY**

Percentage Obtained = 76.82%
- **Intermediate (CBSE Board)**
2014
Govt. Boys Sr. Sec. School

Percentage Obtained = 76.80%

Professional Summary:

Perceptive chemical engineer with 2+ years of experience. Skilled in catalyst evaluation and Pilot Plant Processing. Audacious in identifying and resolving inefficient operational processes. Strong team member, able to motivate others to achieve optimum production rates while maintaining safety methods and practices. Clear communicator, both oral and written. Strong interpersonal skills, interface effectively with co-workers, Management and customers.

Work Experience:

- **Project Associate-I**

CSIR- Indian Institute of Petroleum, Dehradun
Duration: August, 2022 – Till date

Work Details:

- 1 TPD Pilot Plant Operation and Troubleshooting
- Controlling process through DCS

- **Project Associate-I**

CSIR- Indian Institute of Petroleum, Dehradun
Duration: July, 2020 – May,2022

Work Details:

- Handling of pilot plant operation and High-pressure micro reactor.
- Screening and Optimization of Catalyst.
- Knowledge of SCADA System.
- Naphtha reforming to aromatics.
- Hands on experience in Parr reactor and other lab equipments.

- **Matriculation (CBSE Board) 2011**
Govt. Boys Sec. School
CGPA Obtained = 9.2

- **Subjects of Interest**

- Chemical Reaction Engineering
- Mass Transfer Operation
- Heat Transfer Operation
- Fluid Mechanics

- **Technical Skills**

- SCADA
- MS Office

- **Interpersonal Skills**

- Adroit at learning new concept quickly.
- Ability to cope up with different situation.
- Positive attitude.
Team spirit

- **Trainee**

CSIR-NEIST, Jorhat (Assam)

Project Title: Extraction of caffeine from tea waste
Duration: June, 2017 – August, 2017

Work Details:

- Preparation of environment friendly process for extraction of caffeine.
- UV-VIS analysis of the product obtained.
- Extraction of caffeine by using different solvents.

- **College Project:**

- **Title:** Chemical Sensor: Detection of Deterioration of Packaged Food

Duration: September, 2016 to April, 2017

Work: The work on this project is started firstly from the study upon the deterioration period of packaged food such as fruits, vegetables, and juice, then all data and information are used in the process of making a material which is able to indicate the packaged food freshness and the name is Chemical Sensor.

- **Achievements:**

- Gate 2022 Qualified.
- Participated in Prototype Exhibition at Student Outreach Program, CHEMTECH World Expo, 2017 in Mumbai.

- **References:**

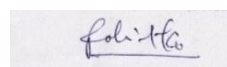
- Dr.A. Selvamani
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Dehradun (Uttarakhand)
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➤ Dr. Bipul Das
Sr. Scientist at CSIR-NEIST
Jorhat (Assam)
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- **Declaration**

I do hereby declare that the above information is true to the best of my knowledge.

Date: 02/12/2022
Place: New Delhi



Signature