MOHD ROHIL

Final Year, RGIPT | Chemical Engineering Undergraduate

Male | 25/06/2001

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OBJECTIVE

Looking for an opportunity to work in a challenging environment where I can live up to my potential and work for the overall development of myself and the organization

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE	CPI/CGPA/%	YEAR
B.Tech in **Chemical Engineering**	Rajiv Gandhi Institute of Petroleum Technology	6.75*	2019-2023
XII, (CBSE)	Sacred Hearts Sr. Sec. public school, CBSE	84.6	2018
X, (CBSE)	Sacred Hearts Sr. Sec. public school, CBSE	9.2	2016

* till 6th Semester

INTERNSHIP

Effluent treatment Plant | Summer Internship | HPCL Visakh Refinery.   *July 2 – August 13, 2021*

Mentor**: Shri Rathod Kailash Nayak**

- Learned the operating parameters of Effluent treatment Plant.
- Learned about treatment quality and treatment adopted.

PROJECTS

➢ **Catalyst synthesis for thermochemical conversion of biomass to hydrogen.**   *August -september2021*

Mentor: **Dr. Gunjan Kuma Agrahari**| chemical Lab, RGIPT

- The project focuses on increasing the yield of conversion of Biomass to Hydrogen with the help of catalysts and suitable design for the process.

➢ **Modelling & Design of Flare Gas Recovery System in Refinery.**   *July – september2022*

Mentor : **Dr. Vivek Kumar** | Instrumentation Lab, RGIPT

- Recovery of methane, ethane, hydrogen and other lighter gases.
- Removal of heavier hydrocarbons, and moisture content from flare gas.
- we have used compressor for flare gas recovery and searched for optimal design parameter for modelled flare gas recovery system.

ACHIEVEMENTS AND HONOURS

- Among top 2% in **JEE Advanced** 2019 and secured 5500 All India Rank in OBC Category.
- Represent college volleyball team in **ENERGIA** 2020.

TECHNICAL SKILLS

Programming Languages – C , Phython.

Software – AutoCAD, Aspen Plus, MATLAB , MS OFFICE.

Coursework – Cloud Computing.

EXTRA-CURRICULAR ACTIVITIES/PORs

- **Joint Secretary** of Sports Council of RGIPT.   *(2021-22)*
- Gyan Arpan **teaching Volunteer** spent 60 hours.   *(2020-21)*
- **Event management head** in AIChE student chapter.   *(2020-21)*
- Successfully organized the **RUN FOR ENERGY**   *(2021-22)*