

PIYUSH MOTHIYA

Final Year, RGIPT | Chemical Engineering Undergraduate

Male | 25/07/2001

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OBJECTIVE

To become a part of an organization in a learning role that will enable me to evolve into a competent Professional and solve problems related to Chemicals and Technology.

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE	CPI/CGPA/%	YEAR
B.Tech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	6.55* (Till 6 th Semester)	2019-2023
XII, (CBSE)	Prince International School	63.80	2019
X, (CBSE)	BDM International School	7.6 CGPA	2017

INTERNSHIP

Name of Organization: **Indian Oil Corporation Limited (IOCL) Paradip Refinery**

Project Title: **Calculation of Efficiency of heater used in Diesel Hydrotreating Unit.**

Mentor: **Shri Sushrut Dash**

May 16 – July 14, 2022

- Understood the working of Refinery, Different units Present in Refinery, Through various offline sessions and Did a Project on Calculation of efficiency of Furnace used in DHDT unit in Refinery.

Name of Organization: **National Aluminum Company Limited (NALCO), Smelter Division, Angul**

Project Title: **Potline Operations**

December 16 – January 4, 2022

Mentor: **Shri Ashutosh Biswal**

- Understood the Working of Potline, Different Units Present in Smelter Plant, Production of Aluminum from Alumina Through Various Offline Sessions

PROJECTS

SEPERATION OF PARA-XYLENE FROM MIXTURE OF PARA XYLENE AND ORTHO XYLENE BY DOPING MOF's IN MEMBRANE

July 2022-September 2022

Mentor: **Dr. V.S Sista** | Heat Operation and Heat Transfer Lab, RGIPT

- Separation of Ortho-Xylene and Para-Xylene by using Membrane with the help of Separation Tank.
- Synthesis of MOF was Carried under Solvothermal Condition.
- Membrane was prepared by dissolving PVDF with DMF as Solvent with doping of MOF.

ACHIEVEMENTS AND HONOURS

- Secured **All India Rank- 17,642** and **Category Rank- 131** in **Joint Entrance Exam (ADVANCED)** Among 1,50,000 Candidates
- Member Of RGIPT E19 Football Team
- Secured 3rd Position in Gaming Competition in URJOTSAV

TECHNICAL SKILLS

- C Programming, Python, AutoCAD, Aspen, MS Office, Adobe Photoshop, Adobe Illustrator

EXTRA-CURRICULAR ACTIVITIES/PORs

- Photography Head at Film and Media Club RGIPT
- Event Management Team Head in Energia 2022 RGIPT's Sports Fest
- Event Management Head of FIPI Student Chapter
- Event Management Executive of AIChE Student Chapter
- Social Media Management Head of IChE Student Chapter
- Participation in **Industrial Field Trip** to Indorama, Jagdishpur