

ISHU BARNALA

Final Year, RGIPT | Chemical Engineering Undergraduate

Male | 0505/2000

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OBJECTIVE

Looking for opportunities to work in a challenging environment that provides a scope of self-development and is decisive for organizational growth.

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE	CPI/CGPA/%	YEAR
B.Tech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	6.57* *Till 6 th Semester	2019-2023
XII, (CBSE)	Kendriya Vidyalaya Aliganj, Lucknow	66.33	2018
X, (CBSE)	Kendriya Vidyalaya Aliganj, Lucknow	9.6	2016

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), Angul.**

Mentor: **Shri Ashutosh Biswal**

December 14 – January 04, 2022

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

PROJECT

SEPARATION OF PARA-XYLENE FROM MIXTURE OF PARA-XYLENE AND ORTHO-XYLENE BY DOPING MOFs IN MEMBRANE.

July-September 2022

Mentor: **Dr. V.S Sistla** | 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 2nd position in a quiz competition event Triathon by RGIPT EAGE SC.
- Secured 2nd position in Gaming competition in URJOTSAV.
- Qualified JEE Advance and JEE Mains 2019.
- Qualified GATE CH 2022 in 3rd year.
- Secured 1st position in District Athletics Competition.

TECHNICAL SKILLS

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

EXTRA-CURRICULAR ACTIVITIES/PORs

- Attended 11th Annual Convention of FIPI Student Chapter on “**Enhancing the Energy value Chain through Innovation and Digital Ecosystem**” at Dibrugarh University for the session 2021-2022.
- Attended 10th Annual Convention of FIPI Student Chapter on “**Meeting Energy Demand Amidst Climate Commitments**” through virtual Platform for the session 2020-2021.
- Secretary at FIPI RGIPT student chapter for the session 2022-2023.
- Overall Coordinator in Official Press and Publicity Committee of RGIPT session 2021-2022.
- Designed the inauguration presentation for online teaching & learning program of Gyan-Arpan inaugurated by Hon’ble Cabinet Minister Smt. Smriti Zubin Irani.