

SURAJ PRAKASH PASWAN

Final Year, RGIPT | Chemical Engineering Undergraduate

Male | 18/12/2002

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OBJECTIVE

A consistent, hard-working individual aiming to obviate barriers that can fuel the inclusive development of the nation.

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE	CPI/CGPA/%	YEAR
B. Tech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology, Jais	7.24*	2019-2023
XII, (CBSE)	Sanskaar International School, Prayagraj	75%**	2018
X, (CBSE)	Sacred Heart Convent Secondary School, Sonbhadra	8.00	2016

* Till 6th Semester ** With 1 subject improvement

INTERNSHIP

1. **Overview of Butene-1 and Offsite unit | Vocational Trainee | IOCL, Panipat** *July 4 – August 2, 2022*

Mentor: **Mr. N.R. Verma (SPNM, IOCL PNC)**

- Learned the production of Butene-1 with above 99.4% purity using alphanutol technology.
- Learned functioning of different kinds of storage vessel to store feed, intermediate product and finished product based on their properties.

2. **Online IChE internship on petroleum refining**

July 15 – August 30, 2021

- Completed the basics of Petroleum Refining Engineering (PRE) following all necessary.

PROJECTS

Design and control analysis of Petlyuk column for separating organic ternary mixture

August 2021- August 2022

Mentor: **Dr. Vivek Kumar | RGIPT**

- Steady state design a Petlyuk column using Aspen HYSYS for separating the mixture of BTX with 99% purity.
- Perform dynamic simulation to control the Process variable of the Petlyuk Column.

ACHIEVEMENTS AND HONOURS

- Qualified IIT-JEE Advanced in SC Category in 2019.

TECHNICAL SKILLS

- **Software:** Aspen HYSYS, MS Office, Adobe Illustrator & InDesign.
- **Language:** Hindi, English.

EXTRA-CURRICULAR ACTIVITIES/PORs

- Working as Secretary in IChE RGIPT Student Chapter. *2022-2023*
- Working as Designing Head in CodeChef RGIPT Student Chapter. *2021-2022*
- Teaching Volunteer at RGIPT Gyanarpan. *2019-2020*