


MAYANK YADAV

Final Year, RGIPT | Chemical Engineering Undergraduate

Male | 19/03/2000

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OBJECTIVE

Detail-oriented individual with great sound communication and observational skills, with industry-relevant knowledge as well as the ability to follow manufacturing and quality control points and practices.

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE	CPI/CGPA/%	YEAR
B.Tech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	7.37*	2019-2023
XII, (CBSE)	DAV Public School, Rohini	85.2	2018
X, (CBSE)	DAV Public School, Rohini	10	2016

* Till 6th Semester

INTERNSHIP

Vocational Trainee | Karnataka Antibiotics and Pharmaceuticals Ltd.

May, 22– June, 22

Mentor: K.L. Jala

Overview of various departments with a special emphasis on Quality control and Quality assurance.

PROJECTS

Optimization of Reaction Conditions for Efficient Production of Nanocellulose, Glucose, and lignin from Wheat and Rice straw.

August, 21– February, 22

Mentor: Dr. Debashish Panda | Nano-Electronic Materials Lab, RGIPT

- Production of Micro-crystalline cellulose (MCC).
- Production of Nano-crystalline cellulose (NCC).
- Lignin valorization.

Extraction of Rare Earth Elements from Waste using Ionic Liquids

June, 22– Present

Mentor: Dr. Gunjan Kumar Agrahari | Membrane Lab, RGIPT

- Comparative study of extraction efficiency of organic solvents and Ionic Liquids.
- Effect of Coiled Flow Inverter on Extraction efficiency.

TECHNICAL SKILLS

- **Programming languages:** C++, C, Python, and MATLAB
- Aspen
- CHEMCAD, AutoCAD
- Microsoft Office

EXTRA-CURRICULAR ACTIVITIES/ ACHIEVEMENTS

- Gave a presentation on Astronomy at the technical fest.
- Did community internship and raised awareness about Covid-19 in nearby villages.
- English teaching volunteer at Team Everest.
- Secured rank 13581 in JEE Advanced.