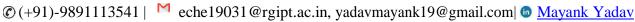
MAYANK YADAV

Final Year, RGIPT | Chemical Engineering Undergraduate Male | 19/03/2000





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.