

Vishal Yadav

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Location: Kanpur, UP, India LinkedIn

Education

- **B.Tech. Chemical Engineering (2021-2025)**
University Institute of Engineering and Technology, CSJMU, Kanpur
- **Intermediate (2020)**
SLD Inter College, Gorakhpur, UP Board

Experience

- **Summer Intern at IFFCO, Phulpur Prayagraj UP**
 - Manufacturing process of Urea.
 - Neem coating Process
 - Understanding about Nano Urea.

Projects

- **Synthesis of Composite fiber Using Corn Fibre(Husk) (Ongoing)**
 - Waste Management Of Agriwaste.
 - Epoxy resins based Fibre Coating with graphine
 - Alternative of synthetic Fibre
- **Analysis and testing of drinking water of Kanpur region in industrial area(ongoing)**
 - follow APHA guidelines
 - survey of health diseases causing drinking water in industrial region
- **Notch Discharge Coefficient Calculator (Python)**

Technical Skills

- Aspen Plus [Ongoing]
- Design Software: Computational Fluid Dynamics (CFD)
- ChemCad Simulations
- Programming Languages: Python, C, Matlab
- LaTeX ,Optimization

Workshops & Conferences

- IIT Kanpur Workshop for Chemical Engineering and AI (2023)
- Seminar on Bio- Based Polymer
- "TechnoTalk" A Talk on Entrepreneurship for understanding opportunities in Engineering Fields.

Coursework

- Mass Transfer, Chemical Reaction Engineering, Instrumentation and Control, Fluid Mechanics and PDE

Certifications

- **NPTEL Certification:** Conservation of Energy (Coal and Biomass), Technical Communication for Engineer
- **Coursera Certification:** Advanced Functional Ceramics, Exploring Renewable Energy Schemes
- **Udemy Course:** "Python Programming for Beginners"
- Value Added Course: "**Application of Matlab in Chemical Engineering**"

Soft Skills

- Teamwork, Communication, Time Management