

## Vishal Yadav

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Location: Kanpur, UP, India LinkedIn

## Education

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

## Experience

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

## Projects

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- **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

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

## Workshops & Conferences

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- 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

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

## Certifications

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- **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

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- Teamwork, Communication, Time Management