

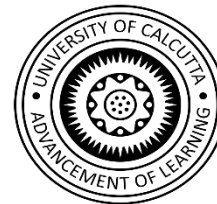
SUDIP SAHOO

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Portfolio:



Hardworking and focused **4th Year B.Tech Chemical Engineering student from the University of Calcutta**. I have a good understanding of chemical processes and gained practical experience during my internship at **ONGC Petro additions Limited**. I am eager to use my skills and knowledge to help improve industrial processes and support clean energy solutions.

ACADEMIC QUALIFICATIONS:

- **Bachelor of Technology (B.Tech) in Chemical Engineering**
University of Calcutta | Expected Graduation: 2026 | CGPA: 8.06 (up to 6th semester)
- **Higher Secondary (10+2)**
Belda Gangadhar Academy | 2022 | 94.6%
- **Secondary Education (10th)**
Bakhrabad Bharati Vidyapith | 2020 | 88%

INDUSTRIAL TRAINING:

ONGC Petro additions Limited (OPaL), Dahej, Gujrat
Chemical Engineering Trainee | 15th May 2025 – 30th June 2025

- Gained practical experience in Dual Feed Cracker Unit (DFCU) operations including feed processing, cracking reactions and product separation.
- Observed and studied critical equipment such as Centrifugal pumps, Heat exchangers, Distillation columns and cooling Towers.
- Learned to interpret and use engineering documents like P&ID, PFD, and worked on line sizing, equipment sizing, and instrument data sheets.

PROJECTS:

- **Green Hydrogen Production by CuMoO₄ Based Catalysts**
 - **Objective:** To improve catalytic activity, stability, and energy efficiency in order to design and develop CuMoO₄-based catalysts for effective green hydrogen production.
- **Material and Energy Balance Calculation** | Summer training at OPaL
 - Conducted material and energy balance calculations of process equipments based on provided data from control room.

TECHNICAL SKILLS:

- Tools & Frameworks: MS Office, DWSIM, BET, UV-Vis
- Programming: Web Development, C

LEADERSHIP & RESPONSIBILITIES:

- **Placement Coordinator** | University of Calcutta | July 2025 – Present
- **Internship Coordinator** | University of Calcutta | January 2025 – May 2025

HOBBIES:

- **Trekking and hiking** through mountainous and forest terrains
- Playing Cricket