

Himanshu Bundela

Final Year | Chemical Engineering Undergraduate

Male | 20 | 05/09/2002

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Rajiv Gandhi Institute of Petroleum Technology, Jais,
Amethi, 229304



OBJECTIVE

- Seeking a challenging role in the organization where I can utilize my skills and knowledge of Chemical engineering efficiently for organizational goals.

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE / SCHOOL	CPI/CGPA/%	Year
B-Tech in Chemical engineering	Rajiv Gandhi Institute of Petroleum Technology	5.53*/10 <i>* Upto 6th Semester</i>	2019-2023
XII, Science (RBSE)	Bhartiya Sr. Sec. School, Sikar	60.20%	2016
X (RBSE)	A. V. M. Public School, Sadulpur	61.83%	2018

INTERNSHIPS

❖ Summer Intern || HPCL (Visakh Refinery)

May'14 – June'27,2022

Mentor: Shri Rajkumar Dadhania

- Generation of green hydrogen aims to remove the greenhouse gas emissions by manufacturing Hydrogen using electrolysis, powered by renewable energy.
- Green hydrogen market trends, technology insights and environment impact.

PROJECTS

❖ Study of growth of nanoparticles:

(2022)

Supervisor: Dr. Karan Malik

- Determined the effect of surfactant concentration/nature on morphology/ crystal structure of the nanoparticles.
- Used techniques like SEM, XRD, DLS to determine the relationship between the experimental conditions and morphology/ crystallinity of the nanoparticles.

❖ Photocatalytic Conversion of Biomass to Hydrogen Gas

(2021)

Supervisor: Dr. Gunjan Agrahari/Dr. Amit Ranjan

- Synthesis of bismuth ferrite and analysis of the activity of this catalyst for the hydrogen production.
- The photocatalytic production of hydrogen represents a fascinating way to convert and store solar energy as chemical energy, in the form of renewable hydrogen, the ideal fuel for the future.

TECHNICAL SKILLS

- Software Skills:** AutoCAD | MS Office (Word, power point, excel) | ASPEN
- Programming:** Python | C | C++

POSITIONS OF RESPONSIBILITY

Intra-Institute Event Management | IICHE RGIPT SC.

2021

Logistics Head at sports council at the Institute.

2022

Logistics Head | IICHE RGIPT SC.

2020

PUBLICITY VOLUNTEER | URJOTSAV FEST, RGIPT

2019

ACHIEVEMENTS / EXTRA-CURRICULAR ACTIVITIES

- ❖ 2019 Qualified IIT JEE (ADVANCED+MAINS)
- ❖ Attended research writing workshop organized by **Wise Up**.
- ❖ Attended workshop on IoT, Data science conducted by Robosquad during Urjotsav19 at RGIPT.
- ❖ Interested in Playing Outdoor Sports like Cricket, Badminton, Volleyball.