

NITESH JOSHI

Final Year | Chemical Engineering Undergraduate

Male | 21 | 08/12/1999

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



OBJECTIVE

I am well aware of the challenges ahead and the perseverance and commitment it requires in fulfilling the defined professional goals. I am prepared to roll up my sleeves and set to tasks. I believe in diligent work.

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE/COLLEGE	CPI/CGPA/%	Year
B.Tech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	6.85*/10 <i>* Upto 5th Semester</i>	2022
XII, Science (CBSE)	Bhartiya Public school, Sikar	73.6%	2017
X (CBSE)	Vardhman Vidhya Vihar Sr. Sec. School, Sikar	84.5%	2015

INTERNSHIPS

- ❖ **Summer Intern || IOCL Panipat** June'30 – August'14,2021
Mentor: Mr. Panyam Tejas Siddharth
 - Learned about **Grey H₂ production** through steam reforming of naphtha.
- ❖ **Virtual Internship || Hindustan Petroleum Corporation Ltd.** July'12 - August'26,2021
 - Learned about basics of a refinery, **CDU, FCC, DHDS/DHT** units, and processes like **Merox, MS Block**. Got an overview of **Boilers, CPP & ETP**.
 - Worked on **Green Hydrogen Production** project at Visakh refinery
- ❖ **Internship || Sunreeja Oil & Gas Pvt. Ltd.** June'15 – July'16,2021
 - Overview of various chemical engineering aspects.

PROJECTS

- ❖ **Synthesis and characterization of buffer layer in thin film solar cell**
Supervisor: Dr. Deepak Dwivedi
 - Synthesized thin films of buffer layer like ZnO, Mg doped ZnO, S doped ZnO, etc using technique like Sol gel and done the characterisation such as UV – Vis, FTIR, etc. of.
 - **Presentation Link || [Click here](#)**
- ❖ **Generation of h-x-H-y plots**
Supervisor : Dr. Milan Kumar
 - Developed a GUI using python for calculation of enthalpy of liquid and vapor of binary mixture with help of h-x-H-y plot.

TECHNICAL SKILLS

Software Skills: AutoCAD*, MATLAB*, Aspen+*

Programming Languages: Python, C++

Languages: English, Hindi **Basic level*

POSITIONS OF RESPONSIBILITY

- ❖ **Executive** of Publicity Committee, **Energia'19 2019**
- ❖ **Volunteer** in Cyber gaming committee, **Energia'19 2019**
- ❖ **Executive** of inter chapter in **Federation of Indian Petroleum Industry (FIPI) 2019.**

ACHIEVEMENTS

- ❖ Qualified GATE-2021 Chemical engineering(Rank-1453).
- ❖ Attended a conference of Federation of Indian petroleum industry in Ahmedabad.
- ❖ Qualified IIT-JEE Mains and Advanced twice for admission into IITs.

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Signature: Nitesh Joshi

Date: 28/09/21