

DEV SHARMA

Final Year | Chemical Engineering
Undergraduate

Male | 21 | 05/04/2000

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



EDUCATIONAL BACKGROUND

COURSE	INSTITUTE/COLLEGE	CPI/CGPA/%	Year
B.Tech in Chemical Engr.	Rajiv Gandhi Institute of Petroleum Technology	6.20*/10 <i>* Upto 6th Semester</i>	2018-2022
XII, Science (CBSE)	Christ The King College, Jhansi	66.66%	2018
X (CBSE)	R.N.S World School, Jhansi	89.33%	2016

INTERNSHIPS

❖ **Summer Intern || IOCL (Una Terminal, HP)** **July'2 – August'13,2021**
Mentor: Dr. Nihar Dash

- Testing and significance of petroleum products

❖ **Freelance || Digital 360 India** **Sept'18 – Oct'17,2021**

- Worked as a "MULTIMEDIA DESIGN INTERN" in Digital Marketing Division
- My role was to research various topics and edit videos related to them.

❖ **Industrial visit to IOCL Mathura Refinery:**

It is a One Day Industrial Trip from our college to IOCL MATHURA Refinery to experience several Process units and processes like Delayed coking, Naphtha cracking, ADU, VDU, Safety Park & Control Panel
Section on **14th February, 2020.**

PROJECTS

❖ **Optimal Control of Energy Storage Systems**

Supervisor: **Dr. Vivek Kumar**

- The project was aimed at optimization of solar energy in a **concentrated solar plant (CSP)**.
- Simulation of steam rankine cycle and organic rankine cycle in **Aspen plus V12**.

❖ **Computation of Thermal and Heat flow properties of a geometrically cylindrical fin under constraints using MS-EXCEL.**

Supervisor: **Dr. Milan Kumar**

- The project was aimed at obtaining the Temperature profile, heat loss and efficiency of a cylindrical fin.
- Data (Constants and steam table) were pre-fed to the code and iterations were carried out for lower error percentage in end results.

TECHNICAL SKILLS

Software Skills: Microsoft Office, Adobe Premiere Pro*, AutoCAD*, MATLAB*, Aspen+*

Programming Languages: C++, HTML

Languages: English, Hindi

Elective: Catalysis in Petrochemicals Industries

**Basic level*

POSITIONS OF RESPONSIBILITY

- ❖ Publicity Executive at **AICHE RGIPT Student chapter**
- ❖ Volunteer of **International conference on unconventional energy resources** held at RGIPT, Jais
- ❖ Volunteer **Arpan, RGIPT's Social club**
- ❖ Event Management Volunteer **ENERGIA 2019**

ACHIEVEMENTS

- 2020 Represented RGIPT as a Student Delegate at **10th World Petro Coal Congress** Delhi, India
- 2018 Secured All India Rank 2746 in JEE Advanced.