

VAIBHAV RAJ

“A curious learner, and highly motivated towards continuously improving in life”
D-204, BOYS HOSTEL, RGIPT

ECHE16034

+91-9935796843

eche16034@rgipt.ac.in

EDUCATION

Year	Degree/Certificate Examination	Institution	CGPA
2016-Present	Chemical Engineering (B.Tech)	Rajiv Gandhi Institute Of Petroleum Technology	8.1(6 TH SEM)
2015	All India Senior School Certificate Examination(CBSE)	Abhinav Public School, New Delhi	83
2013	All India Secondary School Examination (CBSE)	Nimawat Public School, Fatehpur	10

EXPERIENCE/PROJECTS

ORGANIZATION

PROJECT

RGIPT	<u>EXTRACTION OF RARE EARTH METALS</u> Extraction of Rare earth metals from Indian Monazite.
GAIL	<u>DESIGNING OF ABSORPTION TOWER</u> Designing of Absorption Tower based on Flow rates and Calculation of Number of Trays, Efficiency, Column Height, Diameter.
ONGC	<u>PRA ACCOUNTING</u> Study of Production and Revenue Accounting using SAP system for gas networks.
GAIL	<u>IOPS (INTEGRATED OFFSITE PLANT AND STORAGE)</u> Summer training at GAIL, Pata plant in the Functional area of Integrated Offsite Plant and Storage and Learnt about essential equipment's used in plant such as heat exchanger, PSV.
RGIPT	<u>ADEQUACY OF OLA AND UBER ADMINISTRATION</u> Project involves study of performance of OLA and Uber Administration in two cities one is national Capital (New Delhi) and other is state capital (Lucknow).

RELEVANT COURSES UNDERTAKEN (ACADEMICS)

▶ Mass Transfer	▶ Heat Transfer
▶ Fluid Mechanics	▶ Chemical engineering Thermodynamics
▶ Chemical Reaction Engineering	▶ Economics

POSITIONS OF RESPONSIBILITY

ORGANIZATION

POSITION

RGIPT (E 16 BATCH)	<u>CLASS REPRESENTATIVE</u> (Aug'16 – Till now) Served as class representative for three consecutive and still going.
FIPI	<u>DESIGNER</u> (Aug'17 – Aug' 18) Designed Posters for FIPI RGIPT student chapters for various events.
IICHE	<u>DESIGNER</u> (Aug'17 – Aug' 18) Designed Posters for IICHE RGIPT student chapters for various events.

COMPUTER SKILLS

- ▶ AUTOCAD
- ▶ MATLAB
- ▶ Microsoft Office
- ▶ Programming in C,C++

OTHER RELEVANT SKILLS

- ▶ Leadership and Team Work
- ▶ Public Speaking
- ▶ Event Management

AFFILIATION TO PROFESSIONAL BODIES

- ▶ AICHE (American Institute of Chemical Engineers)
- ▶ IICHE (Indian Institute of Chemical Engineers)
- ▶ FIPI (Federation of Indian Petroleum Industry)

OTHER ACHIEVEMENTS AND INVOLVEMENTS

- ▶ Bagged First prize in Poster Presentation in **ICUER-2019 (International Conference)**.
- ▶ Selected among Top 10 Students from Batch for **ACADEMIA INTERFACE PROGRAM** (By IOCL).
- ▶ Presented Paper in **URBAN-18 (National Conference)**.
- ▶ Bagged First prize in **FUNGAMA** organized by IICHE.
- ▶ Attended **APCEC-2017** as student delegate. (**International Conference**).
- ▶ Secured **Runner-up** position (Table Tennis) in **Energia'18**.
- ▶ Secured Rank in **top 0.80%** in IIT JEE Advance 2016 among 1.4 Million candidates (Gen. Rank: 11226).