



ALOK KUMAR SINGH
Chemical Engineering
Rajiv Gandhi Institute of Petroleum Technology, Jais
eche17007@rgipt.ac.in

Eche17007
Male
B.Tech Final Year
DOB: 02/01/1999
9473852000

OBJECTIVE

Seeking for a job in a reputable organization that offers a challenging position which provides me the opportunity to exercise my skills and utilize the knowledge for growth of the organization and myself.

EXAMINATION	University	Institute	Year	CPI/%
Graduation	Rajiv Gandhi Institute of Petroleum Technology	Rajiv Gandhi Institute of Petroleum Technology	2017-21	8.38
Intermediate/+2	CBSE	Sarvodaya Senior Secondary School	2016	81.4%
Matriculation	CBSE	HAL School Korwa	2014	82%

ACADEMIC PROJECTS / INTERNSHIP

- **Course Project - Computational Determination of Heat Transfer Coefficients**
 - Developed a program in **C++** to find heat transfer coefficient for different **flow regimes** over **Flat plate** and in **Pipe flow**
Guide: Dr. Milan Kumar
- **Course Project - Computational tool design for Analysis of Gas Hydrate Inhibition in Pipes**
 - Designed an Excel tool using excel **Macros, VBA programming** on **Gas hydrate formation and Inhibition** for usage in Natural Gas industries
Guide: Dr. U. Ojha
- **Internship - Summer internship at Indian Institute of Chemical Engineers on Petroleum Refinery Engineering via online mode**
 - Learned about **Refinery Operations** and management from Professionals and Industrial Experts
- **Industrial Visit –** Went on an industrial trip to **IOCL Panipat refinery** for an exposure to units present and their functioning

ACHIEVEMENTS

- Qualified IIT **JEE Advanced in 2017**, and ended up in top 0.5 percentile
- Teaching experience at **Arpan**, RGIPT Social club
- Presented a project on Website development under S&T in Winter school 2k18
- Attended a workshop on Data analysis in Winter School 2k18

TECHNICAL SKILLS

Software Skills -

- C, C++ programming
- Python programming
- Auto CAD
- MS Word, Excel and Powerpoint

POSITIONS OF RESPONSIBILITY

- **Core Committee Member, Energia2K20**, RGIPT Sports fest 2020
- **Head, Event management, Urjotsav 2k20**, RGIPT Technical fest 2020
- **Organizing Head, Box cricket, Energia2k20** 2020
- **Captain**, RGIPT Cricket Team 2019
- **Co-Head, Publicity Team, Energia2K18**, RGIPT Sports fest 2018
- **Volunteer, Arpan**, RGIPT Social club 2017

EXTRA-CURRICULAR ACTIVITIES

Active in sports with sensible **Time management** skills, played nearly two hrs. regularly in addition to academics

- Cricket
- Basketball