



Ashish Chaudhary
Chemical Engineering
Rajiv Gandhi Institute of Petroleum Technology, Jais
eche17018@rgipt.ac.in
resonanceashish2017@gmail.com

Eche17018
Male
B. Tech
9th May, 1998
7014241795

OBJECTIVE

Highly Motivated Fourth Year Chemical Engineer Student seeking an Internship where my Technical, Strong Design and Problem-Solving Skill will be utilized which at the end will bring great benefits to the company, as well as broaden my work experience.

EXAMINATION	University	Institute	Year	CPI/%
Graduation	RGPT	Rajiv Gandhi Institute of Petroleum Technology	2017-2021	7.28(till 6 th Semester)
Intermediate/+2	CBSE	Sarvodaya Sr. Sec. School	2016	86.20%
Matriculation	CBSE	Sophia Sec. School	2014	9.8/10

INTERNSHIP /ACADEMIC PROJECTS

➤ Projects

1) **Estimation of Water content in Sour Natural Gas [Sep 2019 – Nov 2019]**

Guide: *Dr. Umapasana Ojha, RGPT*

Made the Program in Excel which calculate Sour gas Water Content by using Correlations and Charts.

2) **Nanoscale materials with visible light photocatalytic activity using electrospinning Technique [Sep 2019 – Ongoing]**

Guide: *Dr. Amit Ranjan, RGPT*

Lab: *Material Science*

Working on creating a photocatalyst that decomposes industrial dyes which is directly thrown into the water bodies as a waste. So, by using this we will treat the dyes before throwing into the water and stop the water pollution caused by the harmful dyes.

3) **Surveyed on Awareness of Bio Toilets in nearby Villages of RGPT as a part of Sociology Research Project. [Jan 2019– Apr 2019]**

Guide: *Dr. Anirban Mukherjee, RGPT*

Aim of Survey is to know about the extent of awareness and perspective of people have regarding Bio Toilet, Sanitation, Swachh Bharat Abhiyan and Government policies regarding Cleanliness and Hygiene.

4) **Natural Convection on isothermal Surfaces [Oct 2018– Nov 2018]**

Guide: *Dr. Milan Kumar, RGPT*

Made the Program in Excel which gives Nusselt Number of Vertical Cylinders, Horizontal Cylinders, Plates and Irregular Solids by providing the values of fluid temperature and surface temperature.

➤ Internship

1) **Industrial Training at Heavy Water Plant (Kota) of Department of Atomic Energy [15th June 2019 – 15th July 2019]**

During this period, I have undergone training in *Safety* and *Production Section*. I learned about *Personal Protective Equipments, Process Safety and Process Principle for operation of various units such as Exchange Unit, Distillation Unit, Water Treatment Plant, Crystalliser, H₂S generation Unit, Vapour Absorption Refrigeration, Compressed Air Plant and Nitrogen Plant* at Heavy Water Plant (Kota).

2) **One day Industrial trip of IOCL Panipat Refinery on 11th Jan,2020**

We were acquainted to the real refinery world in Panipat Refinery. Taken in the fundamentals of *Pipeline Network, Control Panel Sections, Process Units* and furthermore went to the *Safety Park*.

AWARDS AND ACHIEVEMENTS

- Secured **12422** Rank in JEE ADVANCE 2017.
- Finished online course on Computational Fluid Dynamics (CFD) utilizing Ansys software in UdeMy on September,2020.

TECHNICAL SKILLS

- **Technical Skills:** UV-VIS- Spectrophotometer, Fluorimeter, Electrospinning Machine
- **Software Skills:** MATLAB, Origin Pro, AutoCAD, Sketchup, ALTAIR AcuSolve, ImageJ, Wolfram Mathematica, Minitab, Adobe Photoshop, Adobe Illustrator, MS-Excel
- **Languages:** HTML | CSS | Python | C

POSITION OF RESPONSIBILITY

- **Teaching Head in Project Amethi at Gyan Arpan Social Club** – It is a Programme which initiated tutorial classes in the Physics, Chemistry, Mathematics, and general proficiency in English to the school going children of Amethi, UP. **(Nov 2019-Present)**
- **Designing Head of Urjotsav'19** – Urjotsav is a national level inter-collegiate annual technical and entrepreneurial festival of RGIPT. **(Oct 2019-Nov 2019)**
- **Designing Executive at AICHE-RGIPT Student Chapter** – Lead the team of first- and second-years students for designing posters and certificates of events organized by AICHE. **(Aug 2018-July 2020)**
- **Shooting Guard at Basketball Team of RGIPT**– I am responsible for driving the ball down the court and setting up offensive plays. **(Jan 2018-Present)**

WORKSHOP AND CONFERENCES

- Attended workshop on **Computational Fluid Dynamics conducted by Skyfi Labs** – Learned about the techniques of CFD to solve a variety of design, analysis and optimization problem. It helps to deal with the numerical simulation and analysis of fluid flows encountered by an engineer daily in a multitude of circumstances. **(Date: 19 Jan 2019)**
- Attended workshop on **IOT using Arduino conducted by Skyfi Labs** – By using an Arduino Uno and a DHT sensor developed an electronic device that will stream temperature and humidity data over the internet. **(Date: 20 Jan 2018)**