



Abhimanyu Singh
Chemical Engineering
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Male
B.Tech
21th May, 1998
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OBJECTIVE

Seeking for experience in the field of Chemical Engineering where I have the capability to produce outstanding results being a determined and enthusiastic individual.

EXAMINATION	University	Institute	Year	CPI / %
Graduation	RGPT	Rajiv Gandhi Institute of Petroleum Technology	2021	6.79
Intermediate/+2	CBSE	Sir Padampat Singhania School, Kota	2016	78.8
Matriculation	CBSE	Sophia Secondary School, Kota Jn	2014	76

INTERNSHIP /ACADEMIC PROJECTS

Rajasthan Atomic Power Plant (Internship)

Guide: Dr. Sumit Heera

[15th June 2019–
15th July 2019]

Industrial Training at Heavy Water Treatment Plant of Department Of Atomic Energy (DAE). 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 different units – Exchange Unit, Distillation Unit, Water Treatment Plant, Crystalliser, Hydrogen Sulfide generation Unit, Vapour Absorption Refrigeration, Compressed Air Plant, and Nitrogen Plant**. At Heavy Water Plant (Kota)

Insulation Cost Calculator

Mentor: Dr. Milan Kumar

[October'18 – November' 18]

Assisted my project leader with calculations and logic building.
Used Newton Rhapsod Method to solve non-linear equations.

Sociological Research on “Factors Influencing Happiness Index of Students in Engineering Colleges”

[March'19 – April' 19]

Mentor: Dr. Anirban Mukherjee

- Collected data based on a standard questionnaire from more than 50 plus colleges across India for analysis and hypothesis testing.
- Exploratory Data Analysis on data collected consisting of Chi-Square Testing and AB testing for validating the hypothesis.

It is a **One Day Industrial Trip** from our college to **IOCL PANIPAT Refinery** experience several Process units and processes like Delayed coking, Naphtha cracking, ADU, VDU, Safety Park & Control Panel Section on 11th Jan 2020

AWARDS AND ACHIEVEMENTS

- Qualified JEE Advanced 2019 with a rank of 16093 translating to 92 percentile and a score of 69/122 in Chemistry.
- Represented RGPT as Table Tennis Captain in Udghosh'19 (Sports Fest of IIT Kanpur).
- 1st Runner up in Table Tennis in Energia 2k19 & Energia 2k20 (Sports Fest of RGPT).
- 1st Position in intramural table tennis tournament in 1st year

TECHNICAL SKILLS

Software Skills: AutoCAD, Sketchup, ALTAIR AcuSolve, ImageJ, Wolfram Mathematica, Microsoft-Excel

Languages: HTML, C

Other Skills: Audacity

POSITION OF RESPONSIBILITY

Event Management, ENERGIA (RGIPT's Annual Inter-Collegiate Sports Meet), [April'18-Feb'20]

Appointed as the head of event management committee for organizing Table Tennis

Table Tennis Head, Sports Council RGIPT [July'19 – May'20]

Table Tennis Co-Head, Sports Council RGIPT [July'18 – July'19]

Publicity Head, AICHE Student Chapter [August'18 – May'20]

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: 19th 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: 20th Jan 2018]