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### OBJECTIVE

To Succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

EXAMINATION	University	Institute	Year	CPI/%
Graduation	RGPT	Rajiv Gandhi Institute of Petroleum Technology	2017-2021	8.58
Intermediate/+2	CBSE	DAV Public School, Rupnarainpur	2017	92.2
Matriculation	ICSE	St Joseph's Convent High School, Chittaranjan	2015	97

### INTERNSHIP /ACADEMIC PROJECTS

#### INTERNSHIPS:

**ONLINE SUMMER INTERNSHIP, PETROCHEMICAL ENGINEERING (May,2020-June,2020) INDIAN INSTITUTE OF CHEMICAL ENGINEERS.**

- Understood the role of petrochemicals in the economic growth and development in the manufacturing sector.
- Understood the basics of latest processes involved in the Petrochemical Industry such as LAB and Maxene Process, MX SORBEX process.

**IIT GUWAHATI, RESEARCH INTERN (May,2019-July,2019)**

**Guide: Prof. Dr Raghavendra Gupta**

Tools: ImageJ, MATLAB

- Worked on image processing of bubbles using image analysis software ImageJ to analyse the motion of bubbles in a liquid column. Automated code using MATLAB was designed for the same.

#### PROJECTS:

**Designing 3-d model | Course Project (2018)**

Tools: AutoCAD

- Designed a practical model of Shock-Absorber using the AutoCAD software.

**Automated calculation of Heat Transfer Coefficient and Nusselt Number | Course Project (2018)**

Tools: MS EXCEL, VBA

- Developed an application using Excel and VBA which calculated the average Heat Transfer Coefficient and Nusselt Number for flow across cylinders.

**Prediction of HIT Songs in the Music Industry | Course Project (2019)**

The objective of this research was to analyse nearly 500 songs released in Indian Bollywood Music Industry between 2010 and 2018 to understand the dynamics of success (probability of attaining the status of "TOP HITS" and explore the predictability of success in the successive years.

## AWARDS AND ACHIEVEMENTS

2020	Among list of Top-10 students (1 <sup>st</sup> Semester-Present).	RGIPT, Amethi
2019	Selected for paid Tutorship Programme to teach specific subjects.	RGIPT, Amethi
2019	Among list of Top-5 students selected for Mentorship Programme to serve as student mentors.	RGIPT, Amethi
2018	Selected for workshop at INDIAN OIL, Allahabad Terminal	Prayagraj
2017	Certificate of Achievement, Class XII	DAV College Managing Committee
2017	Received Pratibha Samman Award, Class XII	Prabhat Khabar
2015	School Topper Class X (ICSE-Board).	St. Joseph's Convent High School
2015	Secured 2 <sup>nd</sup> rank in CLW Township, Class X (ICSE).	CLW Co-Operative Credit Society Ltd.

## TECHNICAL SKILLS

### Languages and Software Used:

- **MATLAB, VBA, MS EXCEL, JAVA, C++**
- **Image Analysis using ImageJ**
- **Computational Fluid Dynamics Using ANSYS**

### Areas of Interest

- **Petrochemicals.**
- **Natural Gas Production.**
- **Alternate Fuels.**

## POSITION OF RESPONSIBILITY

2020-2021	Vice-President, IChE	RGIPT, Amethi
2020-2021	Placement - Coordinator	RGIPT, Amethi
2019-2020	Editorial Executive, Gyan Arpan, Project Amethi	RGIPT, Amethi
2019-2020	Executive, Publicity and Promotion Committee	RGIPT, Amethi
2018-2019	Executive, ALUMNI CELL	RGIPT, Amethi
2017-2018	ARPAN Social Club Teaching Volunteer	RGIPT, Amethi

## WORKSHOP AND CONFERENCES

### Industrial Trip (IOCL PANIPAT, Jan,2020)

- Gained first hand experience from industry experts and understood the functioning of a complex refinery. Brief stops were made at the various processing units of the plant mainly Catalytic Reforming, Hydrocracker Unit, Fluidised Catalytic Cracker Unit, Visbreaker Unit and associated auxiliary facilities. The engineers served as guides for the students and patiently answered all their queries.

### Workshop at INDIAN OIL ALLAHABAD TERMINAL (Prayagraj, India,2018)

- Working of the Marketing Terminal, Safety Equipment, Fire-fighting facilities, Standard Practices and Product distribution.