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**B.Tech**  
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### OBJECTIVE

To pursue graduate studies in chemical engineering, leading to a stage that would enable my knowledge and skills for the continual growth of the organization assisting me to take innovative decisions for the betterment of oil and gas industry.

EXAMINATION	University	Institute	Year	CPI/%
Graduation	RGPT	RGPT	2017-21	8.26/10
Intermediate/+2	CBSE	S.S.D.E.C.	2016	93.4%
Matriculation	CBSE	S.S.D.E.C.	2014	9.6/10

### INTERNSHIP

- ❖ **Technip FMC:** [10<sup>th</sup> Dec-31<sup>st</sup> Dec'19]
  - Completed my training on “**Introduction to vessel sizing, Hydrogen Unit, Heaters**” at Technip FMC under process department under the supervision of “Ms. Sukla Roy”.
  - Helped in designing a pressure vessel separator via optimization under the ongoing project of Technip.
- ❖ **Johnson Matthey Chemicals India Pvt. Ltd.:** [3<sup>rd</sup> June-28<sup>th</sup> June'19]
  - Assigned by the project “**To examine the effects of torn filter bags in Calcliner and Peddle Drier Baghouse**” during my summer training tenure at Johnson Matthey under the guidance of Plant Manager “Mr. Sanjeev Bajpai”.
  - Used my theoretical knowledge of unit operation to counter the practical problem faced by the catalyst product plant of Johnson Matthey.

### ACADEMIC PROJECTS

- ❖ **Developed a computational model to calculate average heat transfer coefficient for flow across circular cylinder:** [Aug'18-Oct'18]
  - *Guide: Dr. Milan Kumar, Chemical Engineering Dept., RGPT*
  - Designed a computational model via coding in excel for the practical aspects to study the laws of heat transfer.
  - The model took in account both the frictional and drag forces to calculate the relationship between the Reynolds & Nusselt number for finding the heat transfer coefficient across circular cylinder.
- ❖ **Extraction of Gas from Gas Hydrates:** [Aug'19-Nov'19]
  - *Guide: Dr. U. Ojha, Chemical Engineering Dept., RGPT*
  - Proposed an alternative method for extraction of methane from gas hydrate replacing it with CO<sub>2</sub>, by forming another gas hydrate of methane via methanogens.
  - The model helps in more energy production for the growing population as well as reduction of carbon dioxide, a major greenhouse gas from the environment.

## AWARDS AND ACHIEVEMENTS

- Secured rank in top 90% in **IIT JEE ADVANCE 2017** among 1.8 lac candidates.
- Secured **Academic Excellence Award** from the Director, RGIPT, and **Department Rank 1** for scoring **9.43 S.P.I** in B.Tech. 3<sup>rd</sup> Semester. **2018**
- Secured **Academic Excellence Award** from the Principal, Shree Sanatan Dharm Education Centre for scoring **93.4%** in INTERMEDIATE. **2016**
- Awarded by the **Letter of Appreciation** during the tenure of summer training at **Johnson Matthey Chemicals India.** **2019**
- Awarded tutorship of '**Thermodynamics**' for teaching B.Tech 1<sup>st</sup> Year.
- Runner up in RGIPT Kho Kho team for consecutive two years (2018, 2019).
- Runner up in S.S.D.E.C. Intra-house competition in Basketball team.
- Runner up in S.S.D.E.C. Book decoration competition.

## TECHNICAL SKILLS

**Coding Skills:** C, HTML, Python, MatLab

**Software Skills:** Microsoft Office, AutoCAD, Adobe Premiere Pro

## POSITION OF RESPONSIBILITY

- **Placement Committee Coordinator**, RGIPT Chemical Batch 3rd Year [2019-present]
  - Worked with the placement team and helped in contacting the companies.
  - Helped in pitching the overall opinion of my colleagues to the placement team.
- **PR HEAD** | American Institute of Chemical Engineers, RGIPT [Jul'19-Aug'20]
  - Interacted with other colleges and help our chapter to organize intercollege events.
  - Strengthening our relations with other college for future participations.
- **Publicity Co-Head- URJOTSAVA- TechFest**, RGIPT [Nov'19]
  - Interacted with technical colleges to maximize participation in our Techfest.
  - Travelled with our members to nearby colleges to create awareness of the fest.
- **Editorial Executive** | American Institute of Chemical Engineers, RGIPT [Jul'18-Jul'19]
  - Oversaw every event of the chapter and thereafter submitting the report.
  - Handled social media to publicize and present the chapter more effectively.
- **Coordinator** | Institute Lecture Series, RGIPT
  - Enthusiastically participated in the organizing team of Institute Lecture Series.
  - Helped in smoothly conducting every lecture being a part of the core team.
- **CO HEAD** | KHO-KHO Annual fest held in RGIPT ENERGIA [Mar'19]
  - Planned the whole fixtures and witnessed the smooth functioning of every match.
  - Played with our juniors and seniors in RGIPT team bagging 2<sup>nd</sup> position.

## HOBBIES

- Reading novels and have interest in psychology.
- Playing and watching cricket.
- Like to travel to the mountains and meeting new people.