

<b>Examination</b>	<b>University/Board</b>	<b>Institute</b>	<b>Passing Year</b>	<b>CGPA / %</b>
P.G.(M.Tech)	IISc Bangalore	IISc Bangalore	2021	8.63(till date)
Graduation (B.Tech)	NIT Jaipur (MNIT)	NIT Jaipur (MNIT)	2019	8.35
Intermediate/+2	CBSE	St. Anselm Pink City School, Jaipur	2015	94.30%
Matriculation	CBSE	St. Anselm Pink City School, Jaipur	2013	10.00

## **INTERNSHIP**

### **ExxonMobil Bangalore Technical Centre, Bangalore**

- Pursued a 105 days internship from 15 May 2020 to 30 August 2020 in BTC of ExxonMobil with Reservoir Simulation team, and developed a module for performing sensitivity analysis.

### **Indian Oil Corporation Limited, Mathura**

- Pursued a 45 days long training, from 16 May 2018 to 30 June 2018, in the Mathura refinery of IOCL in the New Unit division of the refinery and studied the functioning of DHDT plant, DHDS plant and OHCU plant and also completed the following projects for better functioning of the same:

1) **Design of High pressure amine absorber for DHDT plant.**

2) **Amount of different chemicals required for DHDT plant.**

### **National Bearing Cooperation, Jaipur**

- Pursued a 30 days long training during June 2017 at NBC Jaipur in the Rail Bearing Heat Treating division and pursued a project "To prevent heat treated rollers from rusting".

## **KEY PROJECTS**

- **Study of fluid flow in micro-channels through semi permeable solid depositions**  
Currently pursuing a project under the guidance of Dr. Bhushan Toley to study and control the flow of fluids in micro-channels through semi-permeable solid.
- **Optimization of extractive divided wall distillation column for THF synthesis.**  
Completed a project supervised by Dr. Vikas Kumar Sangal (Associate Professor, MNIT Jaipur) in which a divided wall column is design and simulated using ASPEN Plus® software for optimizing the process of dehydration of THF and optimizing the overall synthesis process.
- **Application of modified GACs by adsorption and reactive adsorption for caffeine removal.**  
Completed a project under the kind guidance of Dr. R.K. Vyas (Professor, MNIT Jaipur) in which simultaneous reactive adsorption and metal lixiviation was studied and modeled. Also different adsorption mechanisms were investigated to study their effectiveness in removing caffeine from wastewater.

## **TECHNICALSKILLS**

- Software Packages: ASPEN Plus, Matlab, AutoCAD
- MS Office: MS Word, MS Power Point, MS Excel

## **SCHOLASTIC ACHIEVEMENT**

- **Gate Score 644, Gate rank 298.**
- Third position in CHEM-Quiz in SPHINX-2018, Annual Technical Fest organized by MNIT, Jaipur.
- Among TOP 1% of 1.2 million students who appeared for National Joint Entrance Exam (MAINS-2015)

## **POSITION OF RESPONSIBILITY**

- Logistic Secretary, Malaviya Sports Festival 2018.
- Organizer, Alumni Day 2017-18.
- Team coordinator, Guest lecture team, Alumni committee, MNIT Jaipur.
- Coordinator at Blitzschlag-2016.

## **EXTRACURRICULAR-ACTIVITIES**

- Designed a heat exchanger for "HeatX" an inter college competition held during SPHINX 2018.
- Lead a team to Thirteenth position amongst 56 teams in SCHOLARS CUP 2017.
- Designed a viscometer for "Viscometer" held during Blitzschlag 2017.
- Participated in the INTRA MNIT MUN'15 held at MNIT Jaipur.