

ACADEMICS

Year	Degree/Certificate	Institute	CPI/ %
2021	MTech. (Chemical Engineering)	Indian Institute of Science (IISc), Bangalore	8.5/10 (Till 2 nd Sem.)
2018	BTech. (Chemical Engineering)	Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, Uttar Pradesh	7.36/10.0
2013	M.P. Board (Class XII)	Sandipani Public High School (Morena, MP)	74.0%
2011	M.P. Board (Class X)	Sandipani Public High School (Morena, MP)	80.6%

ACADEMIC ACHIEVEMENTS

- **GATE Rank: 155** (All india rank in Chemical Engineering) 2019
- Won Refining Bid of IChE (RGIPT) event 2016
- **JEE Advanced Rank: 9172** (Secured a position in top **0.7 %ile** among **1.4 mn** test takers) 2014

KEY ACADEMIC PROJECTS

- **MTech Project** Partitioning of small molecules in bacterial cell membrane using molecular dynamics under the supervision of Prof. K Ganapathy Ayappa. (January 2020- Present)
- **BTech Project** on Furnace Design (Furnace consist of convection and radiation section, Designed a program which will tell specification of furnace according to feed type and requirement of feed temperature) (Aug 2017 – May 2018)
- **Internship at Bharat Petroleum Corporation Limited, Bombay** (April-May 2017)
 - Project on “Design of H2 Rich Gas Compressor for 30% feed increment in CCR unit”
 - Project on “Troubleshooting of BFW-Pump”
- **Internship at Jindal Steel & Power Limited, Raigarh** (April-May 2016)
 - Gained knowledge and exposure of the working of plant with special emphasis on Coke Oven Plant”

COMPUTER SKILLS

- Software: GROMACS, Aspen.
- Languages: MATLAB.

POSITIONS OF RESPONSIBILITY

- Sponsorship Head, Kaltarang (2017) - Annual Cultural Festival of RGIPT
- **Core Team Member**, Kaltarang (2017)
- Hospitality Co-Head at, Kaltarang (2016)

EXTRA-CURRICULAR ACTIVITIES

- Served as the **president** of the “**Arpan Social Club**” with the motive of welfare and education of the children in nearby schools with limited means.
 - The head of a 3 tier team of 100 members divided into event managers, teaching volunteers, logistics and treasury.
 - The team organizes events frequently to give the children an understanding of the culture and we take after school classes to help them learn better