

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2021 - Present	B.Tech	Indian Institute of Technology Kanpur	6.3/10
2021	GSEB(XII)	Modi School, Jamnagar	97.1%
2019	GSEB(X)	Modi School, Jamnagar	95.3%

Scholastic Achievements

- Secured **All India Rank 3409** in **JEE Advanced 2021** among the 1.4 Lakh shortlisted candidates.
- Secured **All India Rank 8359** in **JEE Mains 2021** conducted throughout the country
- Secured **Rank 4** in **SSC Exam** conducted by **GSEB 2019** (Gujarat Secondary & Higher Secondary Education Board)
- Secured **99.89%** percentile among 1 lakh applicants in the **12th Board** exam conducted by **GSEB**
- Secured **A Grade** in **Maths Scholarship Competition'19** held by All India Aryabhatt Science Maths Club

Key Projects

Introduction to Machine and Deep Learning (Stamatics Society, IIT Kanpur) (May'23-Jul'23)

- Attained basic knowledge of **Data generation, preprocessing, and Visualization skills**, using **Matplotlib** and **Pandas**
- Implementation of algorithms for **Supervised** and **Unsupervised Machine Learning** from scratch using **NumPy**
- comprehensive knowledge of **Deep Learning** by implementing **ANN** (from scratch) and **CNN** (using **Tensorflow**)

Social Media and Product management (ICG) (Apr'22 - Jul'22)

- Researched Market and presented **SWOT analysis** of social media platforms with a specific purpose in line with **MAYA**
- Applied market information systems to determine **strategic inflection points** in bussiness of Intel, Nokia and Kodak
- Conducted user interviews with classmates and created **UI/UX prototype** for social commerce application using **Figma**

Built portfolio website | Self Project Link (Jun'23 - Jul'23)

- Built my own personal website for my professional portfolio, utilizing **HTML5**, Cascading **style sheet**, and **JavaScript**
- Organized the website by separating it into many sections, such as "about me," "skills," "what I do," and "contact information"
- Prioritized user experience, ensuring the website is **responsive** and **optimized for different devices** and screen sizes

House Price Prediction Using Machine Learning | Self Project Link (Jun'23 - Jul'23)

- Performed data preprocessing, including correlation and effectively dealing with missing values through feature analysis
- Developed robust regression models, including **Random Forest**, Linear Regression and Decision Tree, and implemented techniques like K-Fold to tune hyperparameters, achieving low **RMSE** and avoiding overfitting using cross-validation.

Technical skills

- Programming language** : C , C++ , Python , HTML , CSS , LATEX
- Software and Libraries** : GitHub , Figma, AutoCAD, Fusion 360, Matplotlib , Pandas , NumPy , Tensorflow

Relevant Courses

Fundamentals of Computing	Digital signal processing	Signal, Systems and Networks
Linear algebra and Differential Equations	Introduction to Electronics	Microelectronics
Complex Variable	Probability and Statistics	Control systems analysis

Positions of Responsibility

Games and Sports Secretary (Volleyball) (Jul'22 - Apr'23)

- Collaborated with secretaries to **organize events** like - Inferno'22, Enthusia Volleyball league, Institute Volleyball League, etc
- Facilitated a positive transition for freshers by offering comprehensive **support** and actively **promoting sports participation**

Secretary (Ritambhara), Antaragni'22 (Aug'22 - Mar'23)

- Coordinated with the Antaragni team and helped in the **organization** of **Ritambhara 2022** - an intercollegiate fashion event
- Assisted heads in **contacting** and **negotiating with sponsors**, planning **spatial arrangement**, **bookings**, etc

Extra-Curricular Activities

Games and Sports

- Achieved remarkable success in various competitive sporting events, including winning the **Gold Medal** in **InterIIT 2022**, the **Silver Medal** in **Udghosh 2022**, and the **Bronze Medal** in the **Institute Volleyball League 2022**
- Demonstrated exceptional **dedication** and **commitment** by consistently investing **three hours daily** in practice sessions
- Enhanced** my **skills, strategies** and **strength** by dedication of **five hours daily** in **Summer camp, Holi camp**, etc
- Secured **Runner-up** position in **Kho-Kho Sport** at **second zonal** (metropolitan municipality) **Khel-MahaKunbh - 2017**

Other Extra-curricular Activities

- Participated in **Painting Competition - Navy Week 2017** held at **INS Valsura, Jamnagar**
- Participated in **Fashion Event - Ritambhara** held by Antaragni and my team managed to secure **third position** in it