

ACADEMIC QUALIFICATIONS

Year	Degree/Certificate	Institute	CPI/%
2021 - Present	B.Tech	Indian Institute of Technology, Kanpur	6.76/10
2021	ISC(XII)	GurukulAcademy,Palia Kalan Kheri,Lakhimpur kheri	96.75%
2019	ICSE(X)	GurukulAcademy,Palia Kalan Kheri,Lakhimpur kheri	90.40%

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 15934** in **Joint Entrance Examination Mains 2021** among 1.05 million candidates across India
- Secured **All India Rank 29550** in **Joint Entrance Examination Advanced 2021** among the 0.25 million candidates

KEY PROJECTS

- **Desktopography** | Electronics Club, IIT Kanpur | SnT Summer Project'22 [↗](#) (May'22 - July'22)
  - Develop a project that projected and enabled interactivity on a surface using **depth sensing** technology with team of 12 members
  - Implemented **hand detection** techniques using **computer vision** libraries, including skin masking and thresholding
  - Precisely mapped finger touch on a projected screen in real-time using **Python code and Pyautogui library**
- **Ping Pong Balance** | Robotics Club, IIT Kanpur [↗](#) (Oct'22 - Nov'22)
  - Developed a project to balance a ball on a plate using **servo motor control and image processing**
  - Implemented **Canny's Edge Detection** algorithm to detect edges and **Hough Transform** to locate the ball's center
  - Utilized a control system to calculate the difference between the coordinates and adjust the **servo motor** to maintain balance
- **The Art of Analytics: Exploring Value from Data** | Society of Civil Engineers [↗](#) (May'23- July'23)
  - Developed proficiency in **Python, Numpy, Pandas**, and data visualization for data analysis and Machine Learning
  - Applied **Lasso and Ridge regressions** techniques in data analysis, and identify patterns and trends in the dataset
  - Created visually appealing and informative graphics using **Matplotlib and Seaborn**, enhancing data presentation
- **User-Centric Product Design** | Product Management Interest Group, IIT Kanpur [↗](#) (May'23 - July'23)
  - Applied design principles and elements like **contrast, balance, and typography** to rebrand websites
  - Conducted case studies of successful brands incorporating user research into design and rebranded a website accordingly
  - Utilized **Figma** for creating a website redesign, implementing color, shape, texture, and grid-based designs

SELF PROJECTS

- **Portfolio** [↗](#):Developed a responsive static personal portfolio website using HTML, CSS, and JavaScript
- **Digit Recognizer app** [↗](#):Built a model in Streamlit with train-test split, CNN, and drawing input for accuracy testing.
- **News Application** [↗](#): Built ReactJS news app importing and displaying data from external **news API** source
- **Amazon Clone**[↗](#): Built an Amazon Clone using **ReactJS, Firebase and Stripe** for authentication and payment integration

TECHNICAL SKILLS

- **Programming Languages:** C, C++, HTML, CSS, Python, Java, Javascript,  $\text{\LaTeX}$
- **Web Development:** NodeJs, ReactJs, expressJs, MongoDB, JSON Data Handling, Figma
- **Software and Libraries:** Git, Git-Hub, OpenCV, Numpy, Matplotlib, Pandas, Autodesk Fusion 360, WordPress, QGIS

POSITIONS OF RESPONSIBILITY

- **Manager, Web and Design | Public Policy Opinion Cell - IIT Kanpur** (May'23-Present)
  - Leading a **2-tier team of 5 dedicated students** to work on the design and implementation of the new PPOC Website
  - Training 3 undergrad students in **HTML5, CSS and Javascript**, along with SCSS and Creative Design
  - Designing the **revamped website of PPOC IITK** to include new and advanced UI to provide it with a modern look
- **Coordinator- Skating Club | IIT Kanpur** (May'23-Present)
  - Managing a team of **18+** Secretaries forming an organized 2-tier body responsible for conducting activities of the club
  - Successfully organized workshops promoting skating culture with participation of **300+** students in the campus community
  - Currently managing the online footprint of the club with a Facebook page having **1700+** followers
- **Secretary | Robotics Club** (Oct'22-April'23)
  - Showcased Robotics Club's projects during **SNT-Pavillion 22-23**, providing detailed explanations to **100+** freshers
  - Conducted a **Bottle-It-Out competition** among the freshers to give them healthy exposure to Robotics

RELEVANT COURSES

\*Grade:A

Fundamentals of Computing	Introduction to Electronics*	Marketing Management
Applied Probability and Statistics	Linear Algebra and Differential Equation	Engineering Hydrology*
Engineering Graphics and Design	Partial Differential Equation	Structural Analysis

EXTRA-CURRICULAR ACTIVITIES

- Represented Nawab Pool Team in **Galaxy**, secured **first place** in **Stop Motion Animation** competition mentored **15 freshers**
- Served as a Senior Executive for **Techkriti 2022**, the annual technical festival organized by IIT Kanpur
- Participated in **Fresher's Dance Event** held by **Dance Club, IIT Kanpur**
- [↗](#) Developed **E-Summit** website, managing traffic from over **1000+** users for the flagship event of E-Cell
- [↗](#) Developed **Society of Civil Engineers'** website using **ReactJS, HTML, CSS, JavaScript** with interactive functionalities.