



Aakanksha Jain
UG (III Year II Semester)
B.Tech. (Metallurgical & Materials Engineering)
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Registration No: 21118001/2024



Area of Interest
Competitive Programming,, Data Structure and Algorithm,, Problem Solving,, Design

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2024	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	7.706
2021	Intermediate (Class XII)	K.V. No.1 G.C.F jabalpur(CBSE)	95.80 %
2019	Matriculate (Class X)	K.V. No.1 G.C.F jabalpur(CBSE)	90.60 %

- Projects**
- Graphical user interface(GUI) Calendar | BlocSoc, IIT Roorkee** December 2023
- Created a Python GUI Calendar application using tkinter for efficient user-friendly date management
 - Project prioritizes user-friendly interface for intuitive event management, date navigation, reminders
 - Entirely coded in Python, emphasizing proficiency in GUI design and application development
- Evolution of Microstructure and Strength of metals during mechanical working | MMED, IIT Roorkee** September 2023
- Examined four copper samples after cold rolling at levels of 30%, 60%, and 90% deformation
 - With an escalation in cold rolling deformation, there is a corresponding enhancement in strength
 - Microstructural evolution enhances material strength, revealing improved characteristics over time
- FarmiZone | STC, IIT Roorkee** April 2024
- Secured Third position the competition organized by STC, named Techshila under App Development and design.
 - Designed a user-friendly interface for Farmers that simplifies placing orders for pesticides, seeds and tools.
 - Implemented features such as real-time availability, easy login or signup, add to bag or wish list and notifications.

- Positions of Responsibility & Extra Curriculars**
- Member | Basketball, IIT Roorkee** April 2021 - October 2022
- Managing a team of 12+ girls and ensuring each and every individual is disciplined and motivated
 - Proficiency holder in the National Sports Organization(NSO) and member of the institute's basketball team
 - Secured 1st position in the Institute Colors Trophy 2023, earning a prestigious gold medal
- Designer | Kshitij - The Literary Society, IIT Roorkee** March 2023 - Present
- Leading the design team to create visual identity, marketing materials, event collateral and publication design
 - Led a team of 15+ students, providing guidance in designing and formatting the magazine project
 - Working towards promoting the club's activities and enhancing the overall experience for the college community
- Competitive Programming | Online Judges** July 2022 - Present
- Active member of online judges including CodeChef, CodeForces
 - Handle: CodeForces- 'Aakanksha0402', CodeChef- 'aakanksha04022'
 - Maximum Rating: CodeForces- 966, CodeChef- 1032
- Undergraduate Teaching Assistant | Academic Reinforcement Program, IIT Roorkee** December 2022 - February 2023
- Offered guidance to the freshers on the course material, study strategies, and time management
 - Mentored 80+ first-year students, addressing doubts, and curated essential study materials for effective learning
- Executive | National Service Scheme, NSS of IIT Roorkee** January 2023 - May 2023
- NSS IIT Roorkee Move for Health executive promotes well-being initiatives, fostering community health and awareness
 - Handled Floor platform and ensured smooth execution of the events by guiding the guests and participants (500+)
 - Worked as an Editorial Executive and wrote articles, posts, mails and events' reports for NSS, IIT Roorkee
- RJ and Podcast | Audio Section, IIT Roorkee** February 2023 - Present
- Contributed to the successful release of an Inter IIT-related podcast by providing support and assistance
 - Guided 10+ students, coordinated and hosted energetic DJ nights for E-Cell and Friends of Section events
 - Assisted in crafting compelling content for the club's pitch deck, enhancing its presentation and messaging

References

Prof. Anish Karmakar
Assistant Professor, IIT Roorkee
IIT Roorkee
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Prof. Rajeshwar Reddy Eleti
Assistant Professor, IIT Roorkee
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