Pranjal Sharma

Second Year Undergraduate | Department of Biological Sciences and Bioengineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2020-Present	B.Tech in Biological Sciences and Bioengineering	Indian Institute of Technology, Kanpur	7.54/10
2020	Class XII (CBSE)	Sanskar Public School, Gwalior	94%
2018	Class X (CBSE)	St. Paul's School, Gwalior	89%

Achievements

– Secured an All India Rank of **7041 in JEE (Advanced-2020)** examination among 250k candidates.
– Ranked among the top **1.11**% out of 1.2 million candidates in **JEE (Main-2020)** examination.

Professional Experience and Key Projects

Teaching | Cambridge School   *May'21 - July'21*
- Taught mathematics and physics to class 10th and 12th **CBSE** students during college semester break.

Ropeway Trolley | 3D Model   *(Prof. Shashank Shekhar | Aug'21-Nov'21)*
- Course Project for TA201A- Manufacturing Processes I
- Ideated, conceptualized and designed a working model of a Ropeway Trolley using manufacturing processes like casting, cutting, riveting adhesive joining.
- Designed 3D model of the prototype using softwares such as **AutoCAD and Fusion 360**.

Technical Skills

- **Programming**: C, C++, Python
- **Utilities**: : Git/Github, Visual Studio Code, Canva, LATEX
- **Mechanical**: AutoCAD Fusion,, MS Office, Micro-Cap

Relevant Courses

Priciples of biotechnology	Biochemical engineering*
Biochemistry*	Organ System, Physiology and Anatomy
Fundamentals of Computing	Introduction to Electronics
Probability and Statistics*	Linear algebra and Differential Equations
Multivariable Calculus	Fluid Mechanics
100 Days of Code: Python Bootcamp (Coursera)*	Data Structure and Algorithms using C and C++ (Coursera)*

* Marks ongoing courses

Extra-Curricular Activities

Sports:
- Currently a part of **Athletics team of IIT Kanpur**.
- Participated in 2 district level competitions (Gwalior, MP)

Cultural:
- **SENIOR EXECUTIVE** - Udghosh
  India's biggest sports carnival