

Paras Sharma

2nd Year Undergraduate
Department of Mechanical Engineering

Email : parasks22@iitk.ac.in
Phone : +91-7310574076

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2022 - Present	B.Tech	Indian Institute of Technology, Kanpur	7.8/10.0
2021	CBSE(XII)	BML Munjal Green Meadows School, Haridwar	95.4%
2019	CBSE(X)	BML Munjal Green Meadows School, Haridwar	98.6%

Scholastic Achievements

- Secured **All India Rank 2433** in **JEE Advanced 2022** among the 2.5 Lakh shortlisted candidates.
- Secured **All India Rank 2977** in **JEE Mains 2022** among the 8.7 Lakh candidates.
- Secured **All India Rank 11** and **State Rank 05** in **CBSE 10th board** among 27 Lakh candidates.
- Qualified **Round 1** and **Round 2(final round)** of **Generative AI Hackathon** organised by **GDSC,IIT KANPUR**.

Key Projects

- **Forecasting using Time Series Analysis - Stamatics** (May'23- July'23)
 - Led Time Series Analysis project, using Python and stats models for advanced modeling, forecasting, and trend analysis.
 - Applied machine learning techniques to enhance data-driven insights and decision-making in Time Series Analysis.
 - Leveraged ML techniques like neural networks to capture intricate patterns in time-dependent data.
- **Kinematics and Controls in Robotics - AME** (Jan'23- Apr'23)
 - Achieved precision in multiground robotics, optimizing manipulator performance across terrains for seamless coordination.
 - Leveraged profound linear algebra analysis to enhance multiground robotic system stability and overall behavior.
 - Mastered PID control, fine-tuning mechanisms for precise, stable, and adaptive robotic movements.

Technical Skills

- **Programming Languages:** C , C++, HTML, CSS, Javascript, NodeJS

Positions of Responsibility

- **Senior Executive,Udghosh'23** (june'23-oct'23)
 - Managed financial relationships with sponsors to guarantee efficient fund processing.
 - Skillfully managed Udghosh's finances and budget, optimizing resource allocation for maximum efficiency.
 - Collaborated with cross-functional teams to streamline financial processes

Relevant Courses

Data Structure and Algorithms	Fundamentals of Computing
Introduction to Electronics	Linear algebra and Differential Equations
Real and Complex Analysis	Supervised Machine Learning

Extra-Curricular Activities

- Participated in **Takneek'22**, the intra-IITK Science and Technology Championship.
- Volunteered in various events like Techkriti (workshops), Antaragni etc.