



Registration Number: 21BAS10126

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Saharsh Gupta

Technical Skills: C++, Java, Python, CFD (OpenFoam, Ansys), CAD (AutoCad, Fusion 360, Salome, Blender)

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech Aerospace Engineering	Jun 18 –Ongoing	Vellore Institute of Technology, Bhopal	8.11/10
Class XII	May 18	Christ Church Convent School, Gadarwara, Dist - Narsinghpur, Madhya Pradesh, 487551	88.6%
Class X	May 16	Christ Church Convent School, Gadarwara, Dist - Narsinghpur, Madhya Pradesh, 487551	86.0%

ACADEMIC PROJECTS	
Research	<ul style="list-style-type: none">▪ Atmospheric Re-Entry Program (Sep 17 – Mar 17)<ul style="list-style-type: none">- Description: Fundamental Force Solver- Technology: C++- Team Project: 2 members- Role: Core Developer▪ Effects of Friction on a Rotating Cylinder (Aug 18 – Ongoing)<ul style="list-style-type: none">- Description: Study of friction on a rotating cylinder to measure the effects on lift and drag- Technology: Computational Fluid Dynamics- Team Project: 5 members- Role: Core Researcher, CFD
Practical	<ul style="list-style-type: none">▪ UAV (Mar 20 – ongoing)<ul style="list-style-type: none">- Description: unmanned aerial vehicle- Team Project: 2 members- Role: Designing and Manufacturing

CO-CURRICULARS	
Research	<ul style="list-style-type: none">▪ Accepted Research on 'Advancements in Steel' at the TMS Conference, which was selected from a pool of competitive abstract submissions.

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none">▪ Research Selection at TMS Conference
Responsibilities	<ul style="list-style-type: none">▪ Core Member- Anterix (Aerospace club), Core Member-SIAM chapter
Extracurricular	<ul style="list-style-type: none">▪ Division-level chess player, district representative, and active university chess participant

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none">▪ Book Reader and Philosophy Enthusiast – Engaging with philosophical works of Nietzsche and Descartes▪ Playing Games – Active chess and badminton player
Languages	<ul style="list-style-type: none">▪ English, Hindi, Russian