SUNCITY SCHOOL
sahiva agrani
SECTOR 37 D, GURUGRAM

F1 in Schools

Sponsorship & Collaboration Proposal

ANANT SHIKHAR
DRIVEN TO REDEFINE THE LIMITS

National Qualifiers 2025

Our Previous Partners

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Global Outlook | Indian Values

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MYSTICLAND IN SCHOOL

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OUR MEMBERS

Yash Raj Kaushik

Agrya Kandpal

Palaksh Srivastava

Shubham Kumar

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TEAM PORTFOLIO

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Yash Raj Kaushik

Team Manager

As the Team Manager of our F1 in Schools team, I bring a blend of leadership, innovation, and hands-on experience to the table. My journey began as the School Captain and Sr. Atlantic House Captain, roles that honed my organizational and collaborative skills. Formerly the Sponsorship Manager, I successfully secured over **₹1,00,000** in , partnering with esteemed brands like **Amar Chitra Katha** and **Makershala Learning** during **MELANGE 3.0**.

My passion for technology and business development is reflected in milestones like qualifying for **IIT Bombay**'s Eureka Jr. semifinals, interning with **Adore Earth** to understand corporate dynamics, and earning certifications from **FLAME University** and **Lagrange College**. A tech enthusiast, I've designed innovative solutions like the fitness app **neeD** and delved into the India Case Competition by The **University of Melbourne**.

From anchoring F1 in Schools' Regional Finals to representing my school in entrepreneurial competitions like the Spark Tank at **Shri Ram College of Commerce**, I've always sought opportunities to lead and innovate. This diverse experience equips me to guide our team toward achieving new milestones in the **national finals.**

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Palaksh Srivastava

Manufacturing Engineer & Graphic Designer

One of the **youngest ISRO interns in India, Palaksh Srivastava**, a man with a **solid background in logic and machinery** and a deep love for Physics. When it comes to system design, process optimization, or troubleshooting complex problems, his method is based on meticulous reasoning and a thorough comprehension of how things operate. He contributes his **technical skills** to the team and is driven by a passion for creativity and a remarkable skill set in the **STEM field**. Being a great leader, **influencer at the World Teen Parliament,** and **the member of NASA's Young Scientist Community** and the **former head boy** of his school, Palaksh has a tremendous participation in wide-ranging social events helping him build a **great alumni network**.

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Shubham Kumar

Sponsorship Manager

I'm Shubham — a powerhouse of persuasion and passion. With a strong knack for dealing and pitching, I've built my identity as a young entrepreneur, driving meaningful impact through my initiative, **Nurtify**. This journey has taken me to some of the most respected platforms, from pitching at **IIT Delhi** to representing on global stages as a **Youth Ambassador at HundrED**, an international innovation-driven organization.

Beyond entrepreneurship, I've also proven myself in event leadership and execution. I successfully **secured funding** for our school's flagship event, **Mélange 4.0**, and currently serve as the **Sponsorship Manager of our event committee** — building powerful partnerships and delivering tangible results.

With **over three years of dedication to STEM** and a **deep passion for motorsports**, I bring relentless energy, clarity of vision, and drive to every challenge I take on. I'm not just building my future — I'm here to lead, grow, and leave a mark

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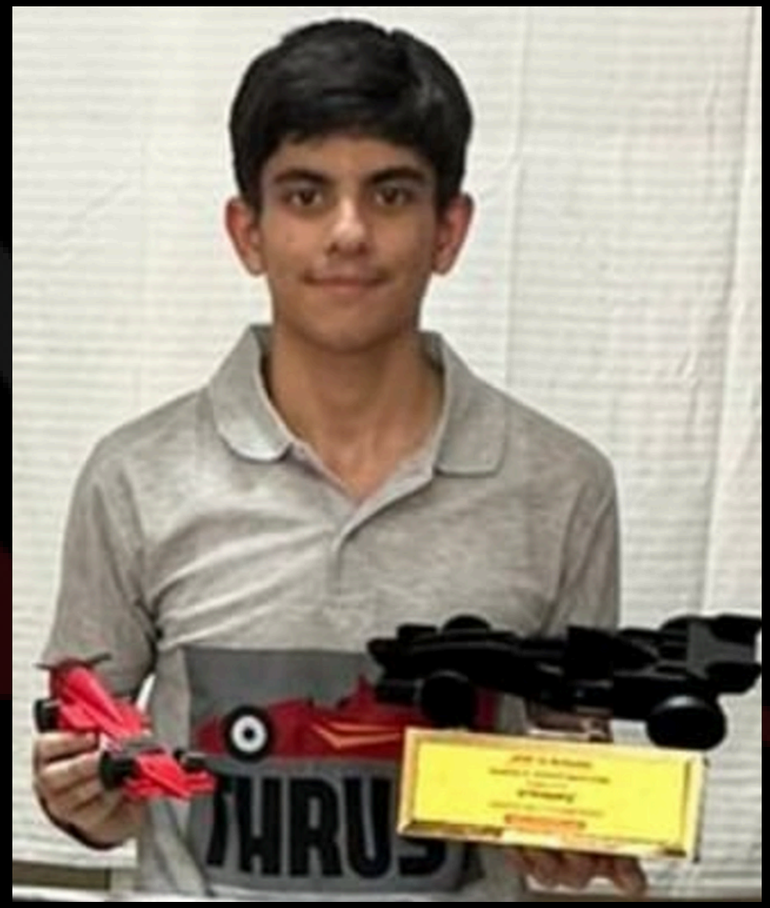
Agrya Kandpal

Design Engineer

I have been **watching motorsport for 4 - 5 years**, and have **developed a great passion, especially for Formula 1**. I also developed a keen **interest in the engineering of F1 cars**, and how they manipulate air flowing around them at unbelievable speeds to make differences as small as milliseconds. This, **aided with my interest in aerodynamics motivated me to participate in F1 in schools** as I might want to take this career path to potentially even go to Formula 1 as a **car designer**.



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Sponsorship Brackets

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TIER	AMOUNT
GOLD	₹150,000
SILVER	₹76,000
BRONZE	₹48,000

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PERKS OF INVESTING

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TIER	Banner	Logo on Merch	Logo on F1 submission car	Social Media promotions
GOLD	✓✓✓	✓	✓	✓
SILVER	✓✓	✓	NA	✓
BRONZE	NA	NA	NA	✓

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PERKS OF INVESTING

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TIER	Verbal Recognization	Special mention in Portfolio
GOLD	✓	✓
SILVER	✓	✓
BRONZE	✓	NA

Why Choose ANANT SHIKHAR ?

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National-Level Recognition & Proven Track Record: Already qualified for the National Finals and proud recipients of the Best Engineered Car Award (Pan India) with the fastest racing time of 1.05 seconds —we are a high-performing, result-oriented team with a strong competitive edge.

Unmatched Return on Investment (ROI): Sponsors gain visibility through every stage—from national showcases to extensive media coverage—maximizing brand impressions and engagement across diverse platforms.

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Benefits of sponsoring us

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Access to a Premium (Elite) Youth & STEM-Oriented Audience: Connect your brand with thousands of school students, parents, educators, and STEM enthusiasts actively involved in India's top-tier innovation event.

Powerful Multi-Platform Brand Visibility: Your logo will appear on our car, uniforms, pit displays, digital content, presentations, and merchandise—ensuring 360-degree branding.

High Footfall and Media Presence at Nationals: The Nationals host top schools, companies, and media houses. This is your chance to put your brand in front of decision-makers and influencers and a huge audience of 2000-3000 people.

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Early Association with India's Rising Innovators: Invest in our team of 4 having the caliber and talent to certainly reach the world finals in Abu-Dhabi, Singapore, etc. Support young leaders, engineers, and entrepreneurs while gaining long-term brand visibility and goodwill.

Corporate Social Responsibility (CSR) Alignment: Supporting Anant Shikhar contributes directly to education, innovation, and youth empowerment—aligning seamlessly with CSR goals in STEM, skill development, and nation-building initiatives.

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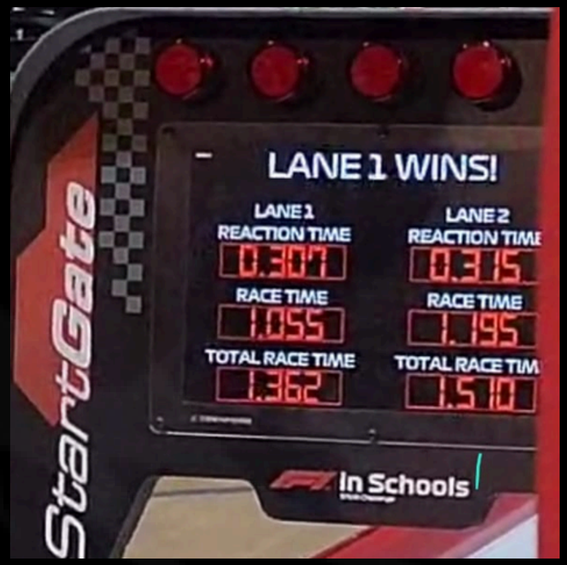
Best Engineered Car Award - Anant Shikhar



Fastest Car - Race Time - 1.05 s !!

F1 in Schools at National & International Level

Best Engineered Car Award - Anant Shikhar

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The Secret of the Fastest Car...

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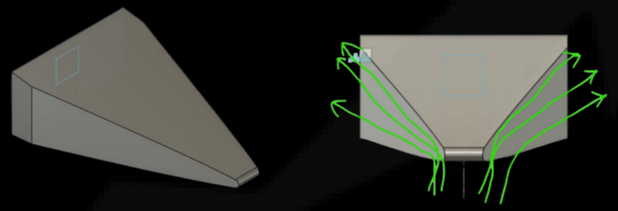
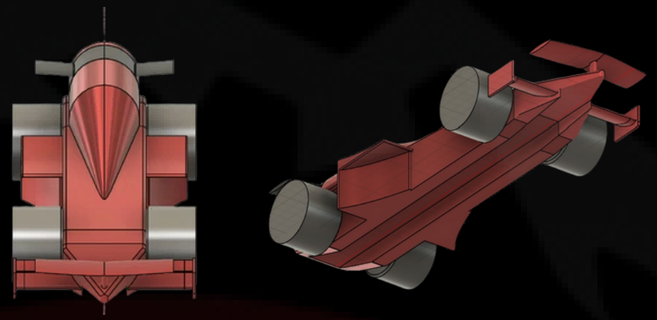
Pointy Nose Cone



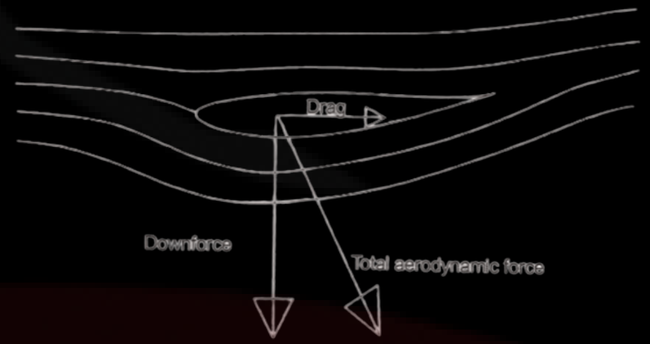
According to the Fundamental Laws of Aerodynaamics the pointy the surface is the lesser is its skin drag. The front view of the nosecone shows how it
will penetrate the air effectively, in both planes of view
the green lines represent the path of air

Main Body

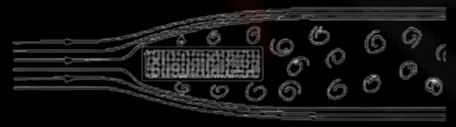


The main body has been designed to have the least skin friction and pressure drag possible and allow as much air to pass through to minimize the wake, as you can see

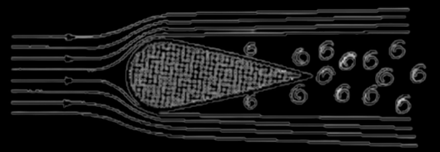
For performance cars and especially those in motorsport, we use inverted aerofoils to create negative lift which is known as downforce. This is to keep the tyres of the car stuck to the road and avoid sliding due to centripetal forces in turns, which increases their overall speed. Here the part of the wing with the greater surface area is on the bottom, therefore the pressure at the bottom will be lower and hence downforce will be created.



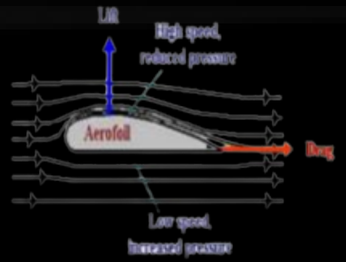
Effect of Drag on Different Shapes



Turbulent flow around a bad shape. Drag is proportional to the size of the wake.



Front Wing Aerofoil concept



Here you can see that the surface area on the top part of the wing is greater than that of the bottom part. This means that the air particles will have to travel a greater distance within the same time compared to the air particles at the bottom. So in order to keep time constant they will be compelled to travel at faster speeds. Now if we remember Bernoulli's principle the pressure will reduce in that region. This causes lift and is used in aircrafts to cause flight.

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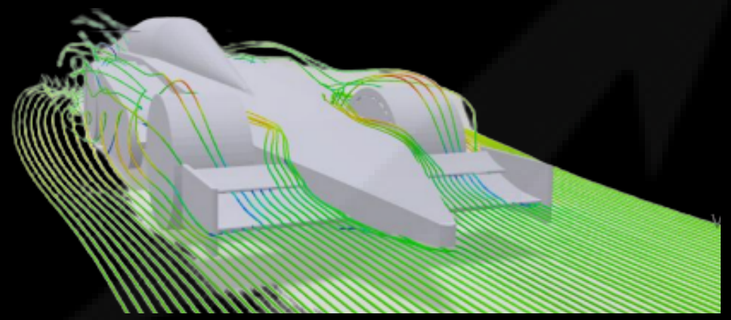
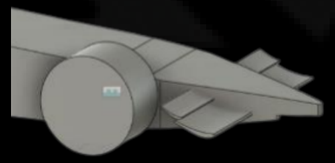
Front Wing Aerofoil Application



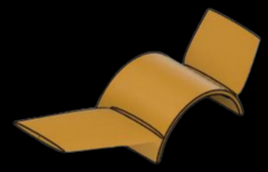


As we discussed in the previous page, in this competition aerofoils will be a great addition to our wings. We will incorporate two consecutive aerofoils, in f1 wing style so that sufficient air is flowed above the wheels. This sort of design shows less drag and more downforce compared to a singular wing with the same cord and angle of attack, as the stall angle (angle of attack where wing experiences catastrophic increase in drag compared to downforce) is much less stringent. Consecutive wings(singular wheel shown for reference):

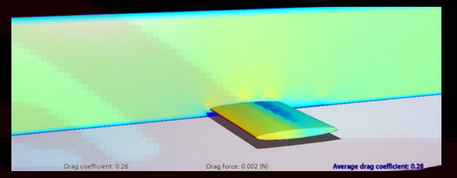
This CFD result shows air effectively and uniformly flowing over the wheels

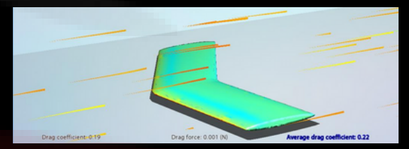
Rear Wing

Instead of using a plain straight wing, we used an angled wing since it has a much lower drag coefficient

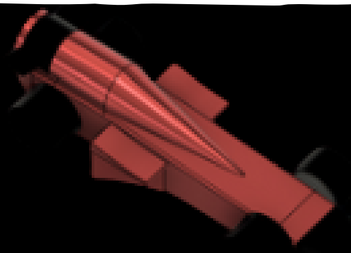


The CFD results show this is a good idea, the straight wing having a higher coefficient and the angled wing having a lower coefficient





Final Car:



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Looking Forward to Your Kind Support

You are open to reach back to us on the given details:

E-mail : anantshikharf1@gmail.com

Contact Number : 7065553821 / 9910755478

Our team is also ready to pitch and finalize the funding process via an offline meet