

Verbal
Presentation





Meet Our Team



Neil Arora



Team Leader
&
Car Designer

Pranav verma



Manufacturing
Engineer

Shaurya Bhatnager



Graphic Designer

Ridhi Dhamija



Marketing
Manager



Non Technical Innovations



Deliverable	Quality Acceptance Criteria	Testing and Assessment	Acceptance and Sign Off	Timing	Responsibilities
All project Deliverables	To be made in accordance with Scorecards and regulations	Refer Scorecard	Team Manager	During creation of a particular deliverable	As per deliverable
Car CAD designing	Compliance to all Technical regulations while designing the car	Refer to Technical regulations and check dimensions before finalising every design component	Team Manager	throughout design process	Design Engineer
A4 Engineering drawings	They should cover regulation compliance for each rule	Compare with F1 in Schools Technical regulations document	Team Manager	While issuing and making Engg. drawings	Design Engineer
A4 Car Renders	Show every angle of the car in different environments	Visual inspection	Team Manager	While rendering the cars	Graphic Designer, Design Engineer
Verbal presentation video	Creative video	visual inspection	Team Manager	while planning the video content	Graphic Designer
Verbal presentation video	10 minute duration	check on editing software	Team Manager	while scripting and editing the video	Graphic Designer
Pit booth 3D model	size of the booth to match regulations	dimension check in Fusion 360	Team Manager	while designing the model	Design Engineer, Graphic Designer
Pit booth 3D model	include team banner provided by F1 in Schools	visual inspection	Team Manager	while designing the model	Design Engineer, Graphic Designer
Enterprise Portfolio	Readable and understandable	Visual Inspection and reading it	Team Manager	while creating the portfolio	Graphic Designer
Design & Engg. portfolio	Original Content		Team Manager	while creating the portfolio	Design Engineer, Manufacturing Engineer
Car Main body	Car main body precision manufacturing	check CNC machine settings and print sample car and check quality	Team Manager	while entering settings for CNC router at the time of manufacturing	Manufacturing Engineer/ Design Engineer
Wheel	wheel shaft dia to be 7mm for bearing fit	print sample wheels in 3D and check their tolerances	Team Manager	after 3D printing of wheels	Manufacturing Engineer/ Design Engineer
Wheel support assembly	wheel support axle outer dia to be 3mm to fit the bearing	print sample wheels in 3D and check their tolerances	Team Manager	after 3D printing of wheels	Manufacturing Engineer/ Design Engineer
Replacement Components	To exactly match actual parts used on race cars	Vernier Calliper and visual inspection	Team Manager	after 3D printing and during painting	Manufacturing Engineer, Graphic Designer
Assembled cars	car assembly to match car designing	refer engg. drawings and use vernier calliper to check dimensions and do sanding accordingly	Team Manager	after receiving car main body and 3D parts and before start of assembly	Design Engineer, Manufacturing Engineer
Painted car	paintwork as per renders provided	paint a sample car and check	Team Manager	after paint of sample car	Graphic Designer
Painted car	no bubbling of paintwork	visual signs of bubbling	Team Manager	completion of painting	Manufacturing Engineer
Painted car	weight of paint on the car not to exceed 8g	paint a sample car and check before and after weight	Team Manager	before and after paint of sample car	Manufacturing Engineer, Design Engineer
Final assembled car	Decal pasting in correct size and location	refer car renders	Team Manager	while pating decals	Graphic Designer
Package to be handed to		check that race cars do not move			

3 Scope Plan

WHY ARE WE CONTACTING YOU?

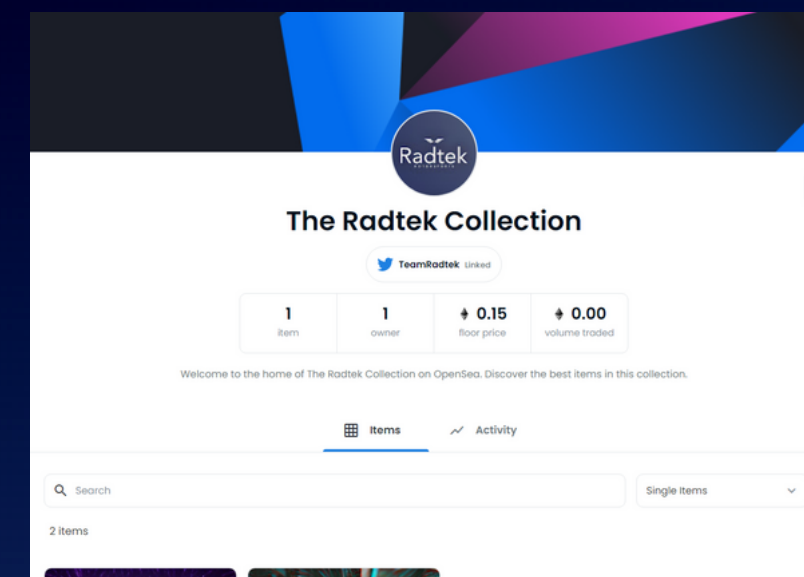
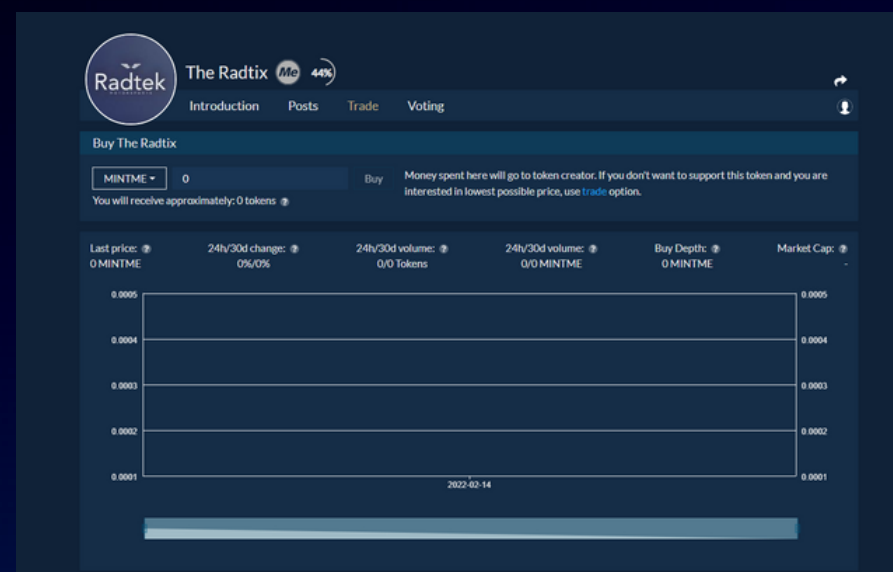
The F1 In Schools competition requires us to find sponsors for the costs of Marketing & Manufacturing

That is the reason we are contacting you. We are looking for sponsorship opportunities to help us cover the costs and create a learning experience by doing the same.

Sponsorship Contact

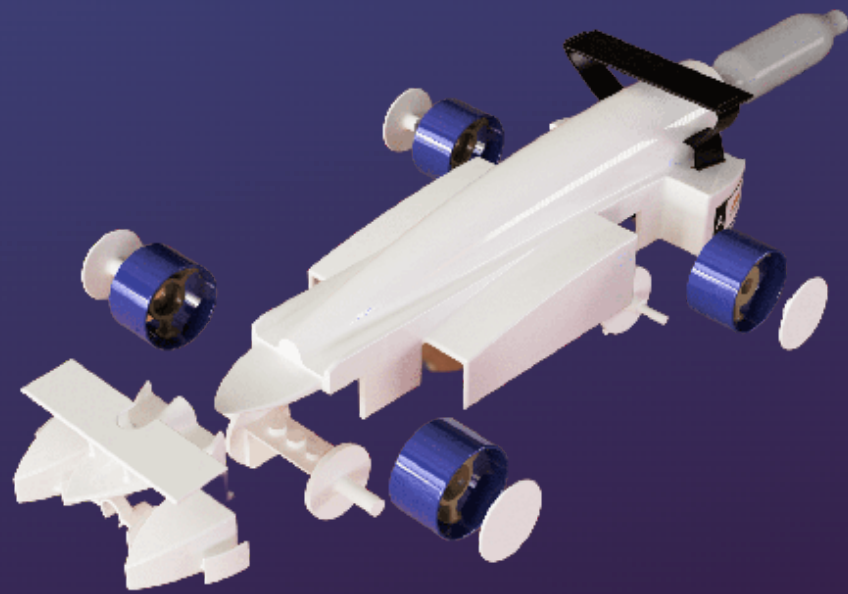


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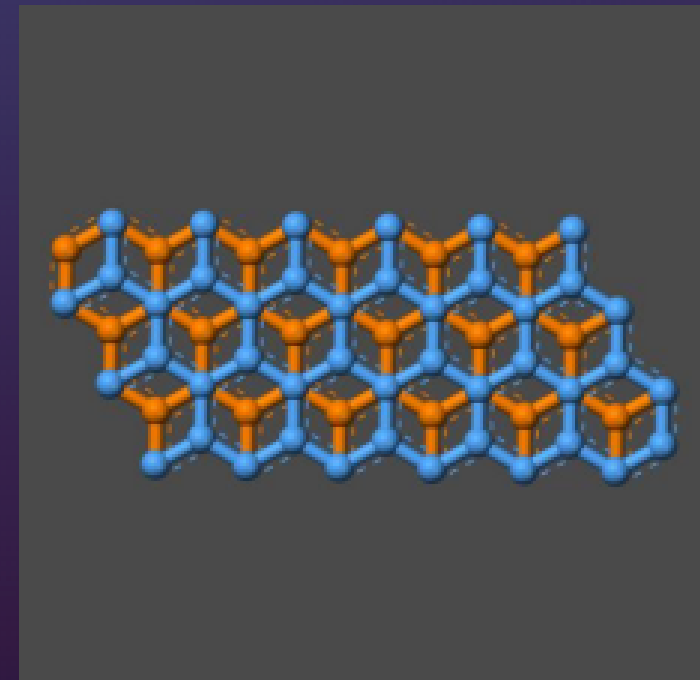


Marketing

Technical Innovations



INSPIRED
DESIGN



MATERIAL
SCIENCE



Technical Innovations



HOLLOW
BODY



Lessons Learnt

Growing up, we have always heard that communication is the key. Now, we understand why. Communication is an essential aspect of any team doing a project because it helps know everyone's suggestions and decreases individual workload. It is as Mrs. JoyBell once said "You can talk with someone for years, every day, and still, it would not mean as much as what you can have when you sit in front of someone, not saying a word, yet you feel that person with your heart, you feel like you have known the person for forever.... connections are made with the heart, not the tongue"

While taking into account what everyone wants to do and communication is important, in building a perfect team, there should always be a proper leader who can supervise everything and can collect the final thoughts of everyone and put them where it has to be. In addition, we learned that having a good leader that we did is a relief as it was easy to work for others in the team and there had been a positive environment set throughout.

We all understood the importance of resource management. It may be the first time for most of our members to handle such amounts of grants we received. It was a new experience for all of our members. But then life is all about new experiences. We all got our visiting cards printed for the first time. We had custom jerseys for the first time. As they say, there is always a first time for things!



Communication



Leadership



Time Management



Resource Management



Adaptability



Social Responsibility

There were a lot of experiences that could not be added or mentioned on this page but they will always remain in our hearts and brains. We will never forget this exciting experience. This competition helped us learn a lot about the life that is ahead of us. It also prepared us for the same but who knows where one is heading in life. This competition also helps us explore the vast career options. It helps us improve our skills for the future. It helps us understand that whatever you do in life has a learning outcome!

Time management has by far been one of the most crucial lessons we could learn throughout the competition as we had limited time for this round of nationals. After regionals, we had gotten into a habit of always doing work within deadlines and time limits, which relatively made it easier to get work done. We have been proud of how we got work done even while being under these limitations

Moral values are a crucial aspect of life as they help distinguish between what's good and what's not and improve decision-making. We get these values as we gain more experience. Throughout this competition, we have learned many lessons, whether may it be regarding how to run a team, or how we can manage our resources or time better.



Thank you

