

DREAM!
DEDICATE!!
DEFEAT!!!

DREAM CRUSHER



DREAM CRUSHER

Dream_cusher_2k19



ABOUT THE TEAM



Hi its Vivek design engineer and graphic designer and design engineer always best buy fascinated it was a opportunity to prove myself and also increase my own confidence level . The challenge was quite difficult but with the help of my team's constant support and spirit we found the solution.



Hey its Samrat the manufacturing engineer .It was a quit tough to manufacture every parts Properties but as my team being so supportive we always found ways to tackle the problems and achieve all the height ..



Hi its Tejas resource manager of the team it is took a lot of research to find the best material for the car at low cost but we always ended something unbelievable .We searched for the materials keeping in mind that it should be of best quality and in less cost.

HEY its Rashi the team manager of . As a head I make sure that all members of my team do their work properly and timely and update me about it. As a team we always had a clear vision of hard work and punctuality and as a captain I strictly have to obey it. Our dedication and passion made us capable of achieving our goals.

Hi its Ansh the sponsorship manager of the team this was a quite interesting but tough job making people believe that our car was a best one. It was difficult but we never stop trying and that's what we as a team achieved .We printed t-shirt for promoting the car made a page on fb and insta.



Team spirit is something which is much needed to win any competition. We had a great patience, mutual understanding, determination and patience which all together made our vision a clear one and made us achieve what we as a team dreamt of. Also our focus was hard work and time management.

EVOLUTION OF THE TEAM

KNOWING ABOUT F1

THE PRACTICING SESSIONS

As the practice sessions started we all learned it with a great interest and enthusiasm. It was a learning session of 3 days we learned a lot of things



SELECTION OF THE TEAM

After the practice session now the time was to choose our teams. We choosed our teams, and were all ready for cooperation to win this together.



One day in our school we had a seminar with one of the member offi in schools. He told us about the competition and other details. He also told us some mechanism of car and record of the fastest car. He also showed us a car as a example which was made by a student of class 6 . This all was so fascinating that we could not take our eyes apart from it. We decided to take part in it we gathered the form and filled it as soon as possible.

CHALLENGES OF TIME MANAGMENT

It was a tough job to cope up with our studies as well as the competition. So time management was more than necessary as we not wanted to effect our academics as well. But altogether we managed to not effect it. Even the day before competition we had our exams on a side we give our exams and on other we were passionate to win it

CHANGES IN THE TEAM

As a team we were working together but due to some problems some members of our group changed, but we humbly accepted the new ones with more spirit and determination team. Our team was not perfect as no one is perfect but we accepted each others flaws and worked together to make it better. We always motivated each other and this helped us to realize our own potentials.

TEAM IDENTITY

TEAM NAME

The name of our team is "DREAM CRUSHER". It means to look a dream, tackle every problem that comes in the way, crush the opponent and achieve the goal. Hence DREAM CRUSHER was a perfect name for the team.

**DREAM
CRUSHER**

TEAM LOGO

The logo of our team was a car on fire which shows the passion that we had of winning. We took a lot of time designing our logo as we believed that first impression is the last impression. Our logo was made in a way to show the outgoing energy from our Team hence showing the two extremes of the world.

CAR GRAPHICS

We designed our car to have a look that will amaze the onlookers. With a sleek look of blue and red colour made our car look incredible. The colour of our car has been chosen with due relevance to our team's central colours. Decals enhance the look of our car and provide visibility to the sponsors' logos. F1 in Schools is also promoted by the help of these decals.



TEAM UNIFORM

Our t-shirt was simple elegant but stylish. We kept in mind a universal colour scheme for all our team elements in the competition. The central colours used by us are red and black and this is reflected by the use of these colours in our t-shirt, car, pit booth and so on.

TEAM'S COLOUR

The centre colour of our team is red and blue. As red signifies energy, power, determination and passion. And blue is the colour of sea and sky, signifies wisdom, confidence and intelligence



We built our team identity to stand out in front of the judges and the audience. All our activities included an element of the Team and this helped us enhance our team's image in school as well as at the competition.

CAR NAME

We were confused about the name of the car as we always wanted it to be the best. We hiked never name such as rafter speedo but ended with the name RAPIDO which is derived from the word rapid which means fast. And it was the name which suited it the best.

TEAM'S VISION

We had a clear vision off hard work and time management. As we as a team believe that without hard work nothing can be achieved. Also we clearly needed to manage our time to balance our studies and preparation. Also it helped us to complete our work on time.

COMMUNICATION

Our first order of work when the team was made to divide it into departments there was a two broad department in our team the design and engineering department and the management department .

For communication in the team , we made a whatsapp group . this helped every member of the team be in the circle/ Since our Team was divided into broad department communication was necessary in order for the team member remain sync.

For communication , we had periodic meeting in the houses of the team members These were session where we looked at the work done by the other team members and modified our own work according to it.

As since all of us are in the different class we had team meetings in break to keep us informed of all team ..

Table display

We decided to make our table display as interactive as we could we wanted to be our most premier tool of marketing our team
We decided that it should be a table display that attract crowd rather than one that is there due to the requirement of the competition
Our table display is covered with information We set up 1 laptop which we could use to give information about our team to the people who come out table display

Quality Control

We developed our own quality control procedures to mirror best practice in engineering and specifically target the marking criteria. These included construction and making templates, keeping system verification process, time, resource, risk management, and a self assessment tool.

MARKETING IDEAS

Marketing is important as it is was necessary to create awareness about our team, without proper marketing no team can move towards progress and marketing strategies are one of the most confusing think. You have to think hard to attract people towards you.

FACEBOOK

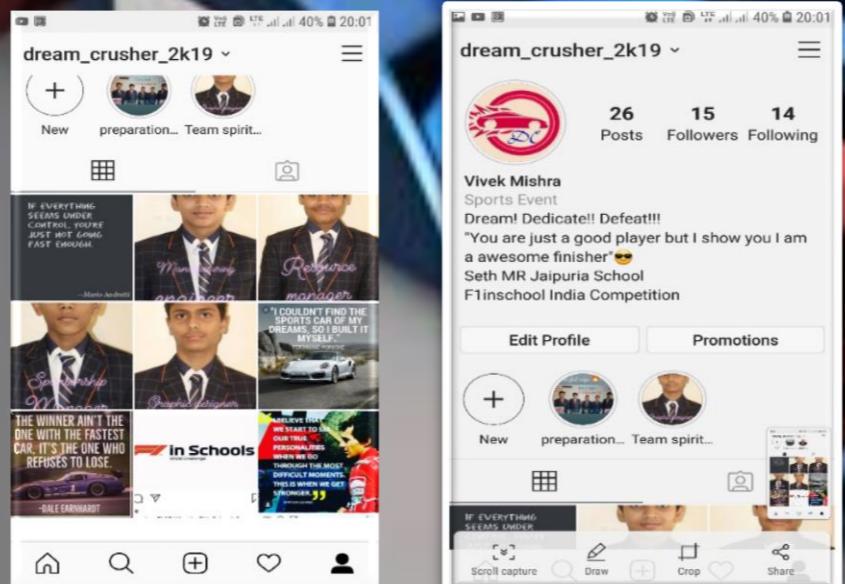
We also created a Facebook page DREAM CRUSHER. We invited people to follow it . We added information about f1 , our team, team members, as well as our vision to win. We also added the event off1 in school sub regional at Seth Anandram Jaipuria school Lucknow. And showed people how excited we are for the competition and how desperately we want to win



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ASSEMBLY IDEAS

Two of us spoke about f1 in schools in our school assembly and some other places wherever it was possible. As it was a students programme so it was necessary to tell students about it and its benefits.

TEAM WEBSITE

We created a team website in order to develop our team identity
Basic information of my team are available on website.
The website is a complete introduction of our team and team members we promoted it at various places. We as a team discussed ideas and strategies of making it more popular especially among the youths.

INSTAGRAM

After creating a website we created an instagram account. We promoted it and told our friends about it we added several photos to tell people about our work. Also we thought of ideas to make it more attractive so that it attracts most off the people. We posted 26 photos along with our vision.so that we don't need to explain everything. We kept it small and simple. We showed people why we as a team are strong one

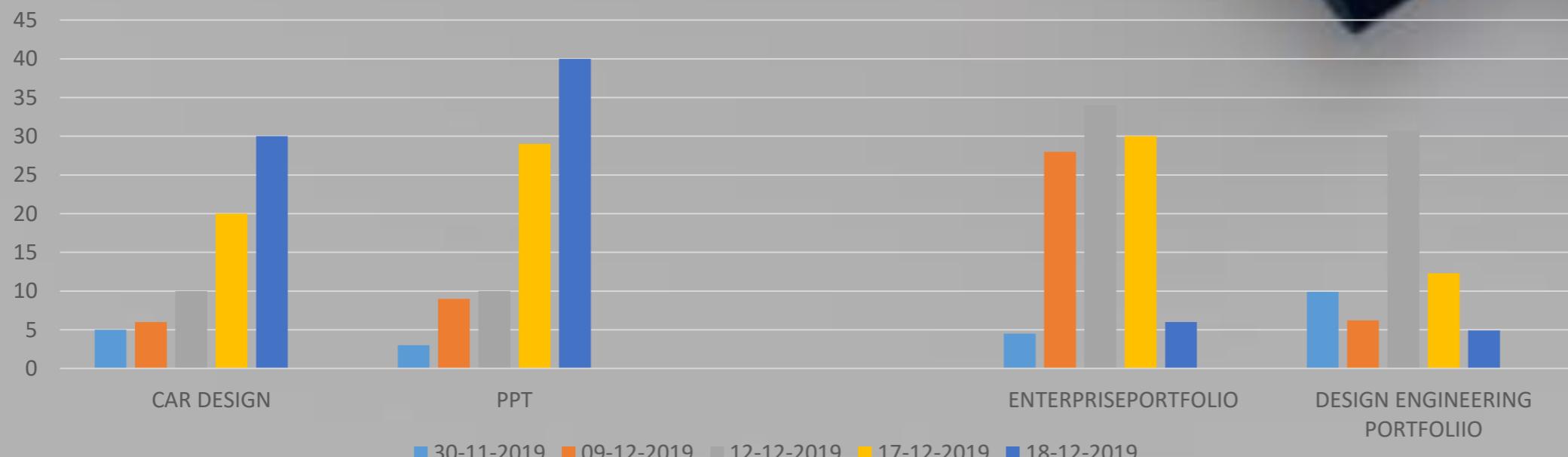
TIME MANAGEMENT

- On 30 November 2019 we have to start our car designing and there was lot of difficulties is faced and all the team members give his or her idea for solving the problem and finally the problem is solved the problem the problem is that the car was less Aerodynamic
- On 15 December 2019 we send our car for manufacturing and immediately ev work on all social media pages and the social media pages was complete on 10 December 2019
- After completing our social media page we move on enterprising portfolios and design engineering portfolios enterprising portfolio was complete on 15 December 2019 and design engineering portfolio was complete on 18 December 2019
- after completing all portfolios we move on and think about table display finally we decided our table display

We make a graph to indicate where we have to work very hard and where we have to work less and also so where the work was lacking.

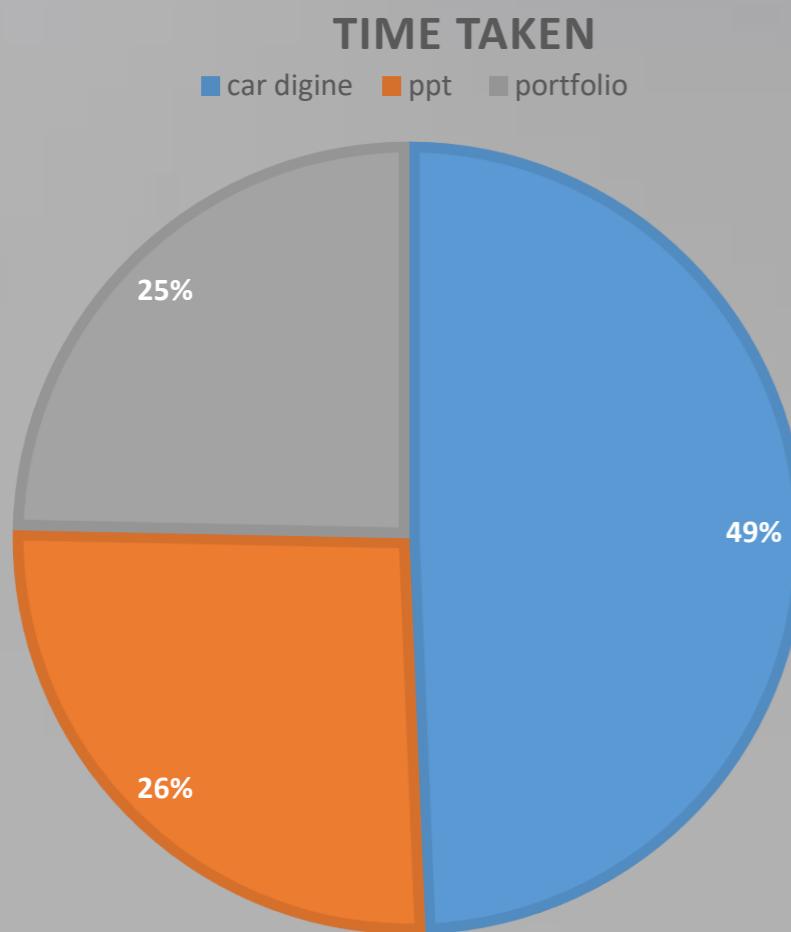
We have very less time for preparing for F1 School competition any how we managed our time and also worked professionally.

“Time isn't the main thing. It's the only thing.”
– Miles Davis



PROJECT MANAGEMENT

We have to managed my project and submit all the document timely during the preparation of F1 in school competition. We am also facing my school exam PT 11 anyhow we managed this exam and we as a team was working hard and take overtime and submit all document timely finally Our F1 in school competition preparation was successfully finished



PROJECT SCOPE

PLAN

- To aerodynamic light and sturdy car
- To have an efficient marketing strategy
- To advertise and promote f1 in school
- To have significant social media

WBS

- Design the final car
- Complete the enterprise and design and engineering portfolio and the marketing social media document
- Make social media accounts
- Keeping the knowledge of things like social media marketing etc.

We managed the project efficiently by using various method and strategies our mechanism and division of task helped us efficiently do our work.
We considered a broad range of factor and worked on them .
Using various method of communication .
We collaborated and finally brought all the elements together

COST OF RESOURCES

- Any how we will manage our cost of resources and the lot of money was spent on printing and as the first car of F1 School City Championship is a free manufacturing print our banner it took 350 rupees the cost of printing our t-shirt is 1800 rupees after that the table display material cost 1200
- After that we were ready for participating F1 in school City Championship .

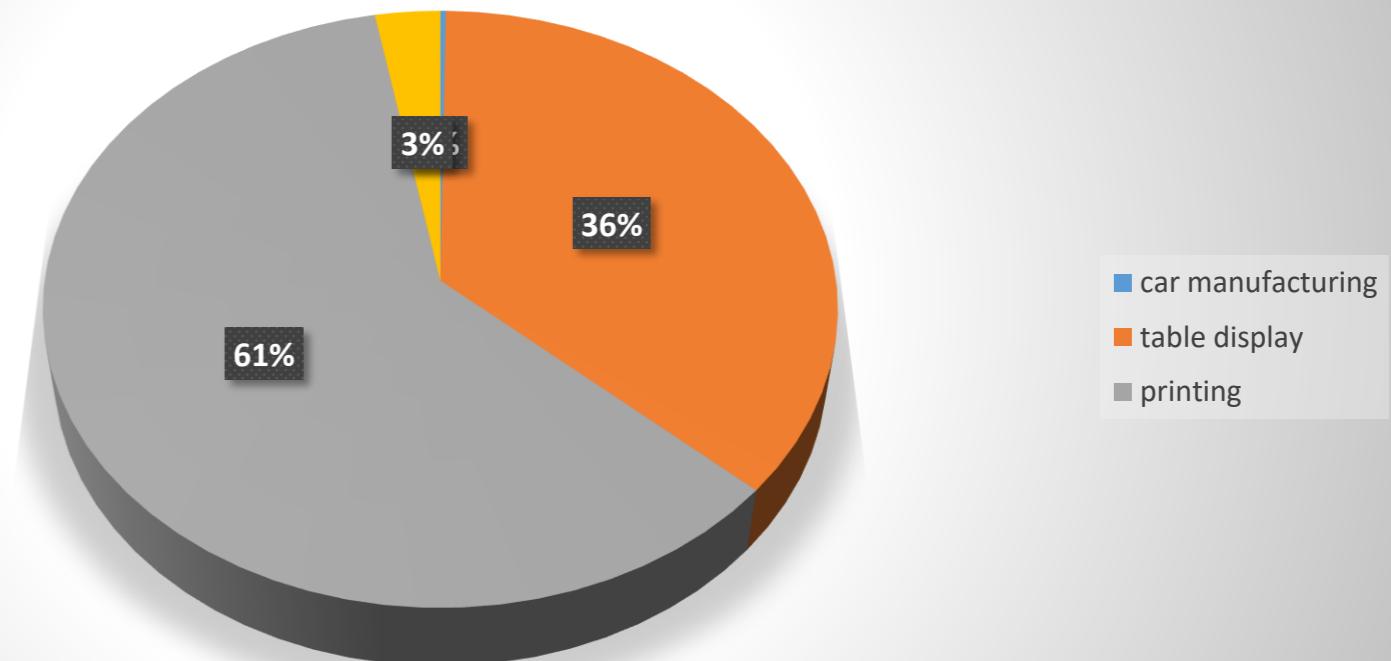
Arrange for resources keeping in mind the requirements (cost table) These resources will be in term of money and kind which will be provided by sponsor . Our car resource manager will be responsible for safekeeping and allocation of these resources.

We made sure that our design was in compliance with the rules and regulations and was aerodynamic we made 4 design and final design had a total of almost 20 edited version. We made sure that each version was made significantly better while making a successive design. To make sure that our design was the most efficient.

Cost of resource categories

- Car manufacturing.
Free
(manufacturing of first car is free)
- Table display.
2000
- Printing cost
(t-shirt , portfolio, stickers) 2600

Cost resource



Project Evaluation

Construction of template

We reviewed our templates as part of our quality control system giving us confidence that we were developing the design in a professional way and accurately interpreting the results.

Incremental improvements in the design were recorded on the construction templates. This ensured that we could demonstrate 'developments based on research and testing' as per the marking criteria. Therefore, 'results were linked to design revisions' and 'evaluations were linked to improvement actions'.

Compliance with rules

The compliance self assessment tool was used to ensure that our car complied with all rules to maximize marks against the judging criteria. Other specifications such as weight of paint and weight of wheel design were pre calculated and the physically checked.

SPONSORSHIP MANAGEMENT

Our Sponsorship Manager, Ansh worked alongside our Team Manager and Resource manager to work out the costs we would incur. After careful considerations about the costs, we approached our primary sponsors and gave them a cost breakdown. We basically broke down our costs into 9 broad parts. A comprehensive cost breakdown is given under Financial Management on the Project Management page. We didn't get a big company for sponsorship one saari cloth sponsored us in the sub regionals competition.

CHALLENGES

THE BASIC STARTEGY

Despite the efforts made by our team members, the response from companies was poor. Eventually we modified our method of approach and managed to gain several sponsorships. This helped us get a feel of how things work in the corporate world and was a great learning experience for our Sponsorship Manager and Team Manager.

DREAM!
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DREAM CRUSHER

in Schools



A team with clear vision passion and
determination to win.

SETH M.R.
JAIPURIA
SCHOOLS