



DESIGN & ENGINEERING PORTFOLIO

MADE BY-TEAM TINES TITANS

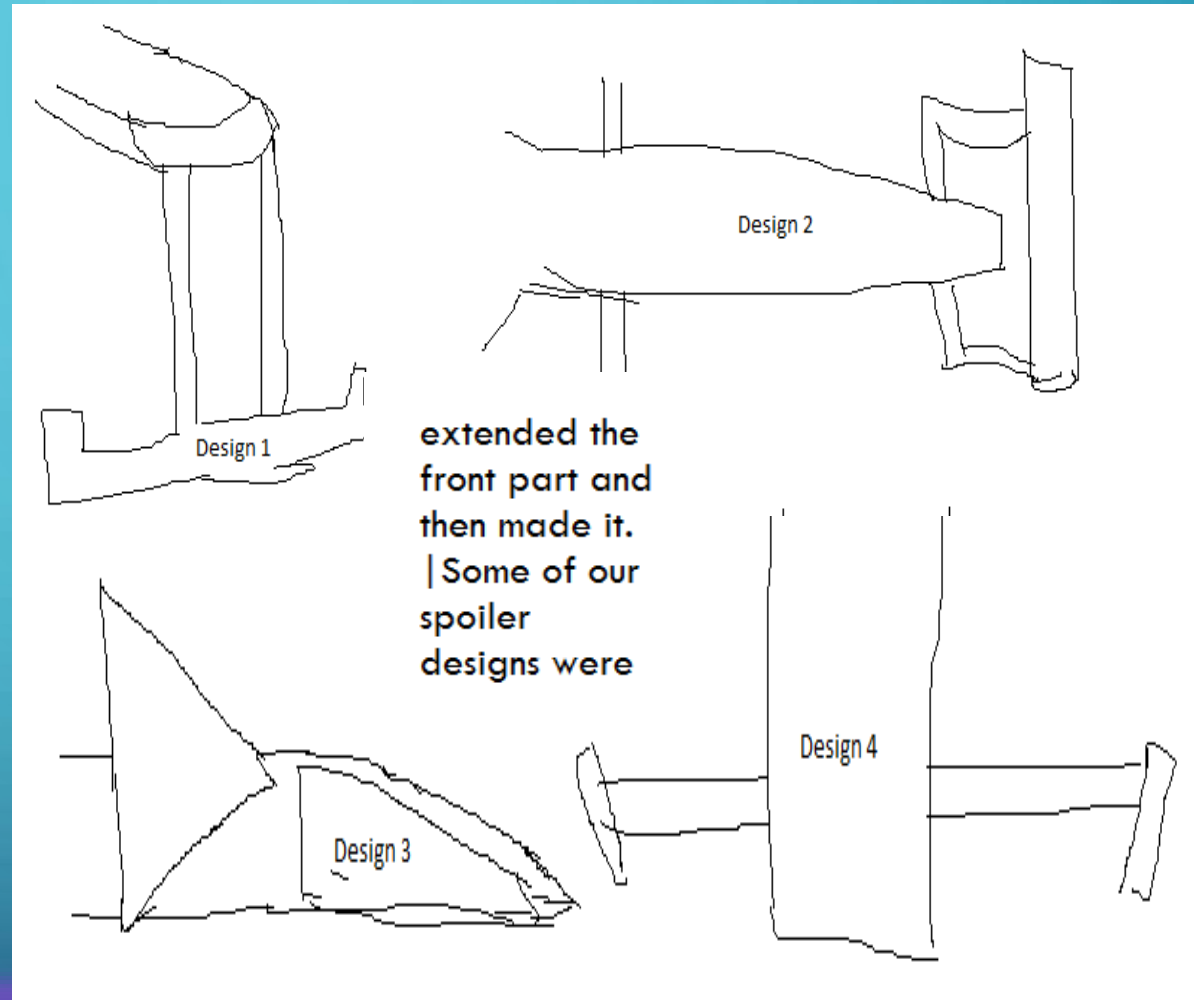
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Our Main Research

We have mainly researched on front spoiler our front spoiler was very odd it was creating drag And we have promise that we will Win *sub*-regional . We tried many designs but they failed. We tried and tried again and again and found a way to do this we just



Summery- We showed about all our researches

Car Design

So we quickly changed it and made a new one and sent it for manufacturing time was also gone so we lost 10 points Then we sent it but it was not excepted because of its

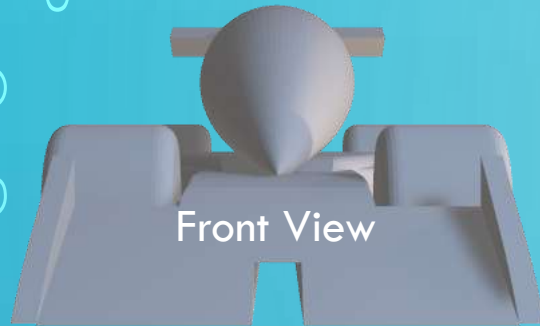
spoilers my friend sent it It was gone . Their was a thing we had researched we tried many car designs but then at last we had two of them. We

had a toss between the two boys and the designer won the toss and then we had made that design and sent it for manufacturing.



Summery-We told about what we thought about the design and the our sending failures.

OUR CAR



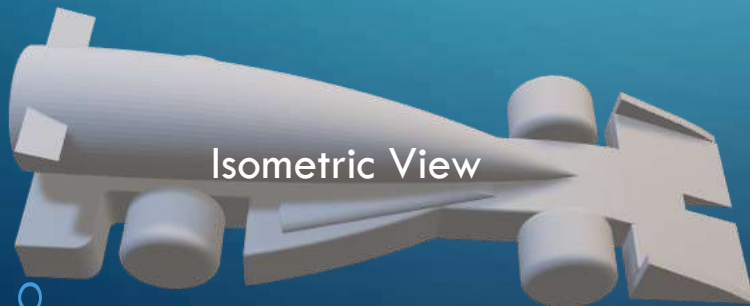
Front View



Back View



Side View



Isometric View



Side View

Exploded View

Main Body

Rear Wing

Axle

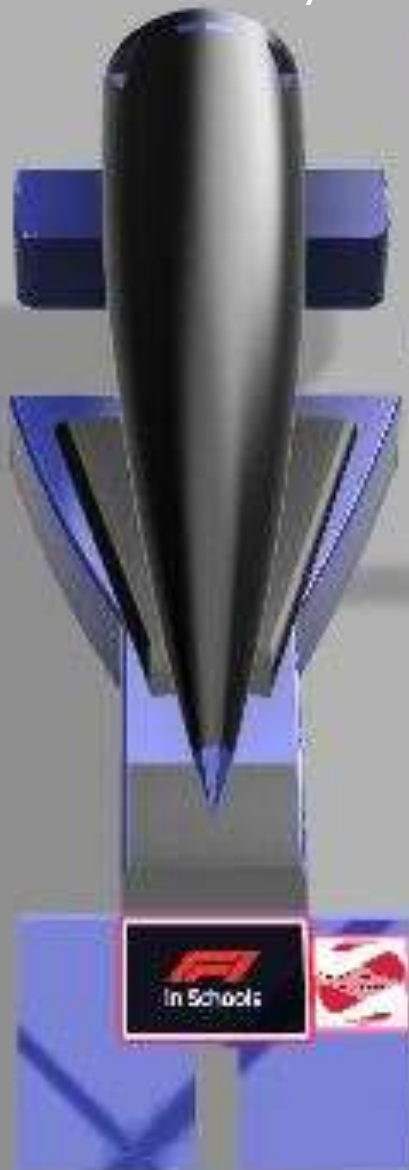
Wheel

Wheel

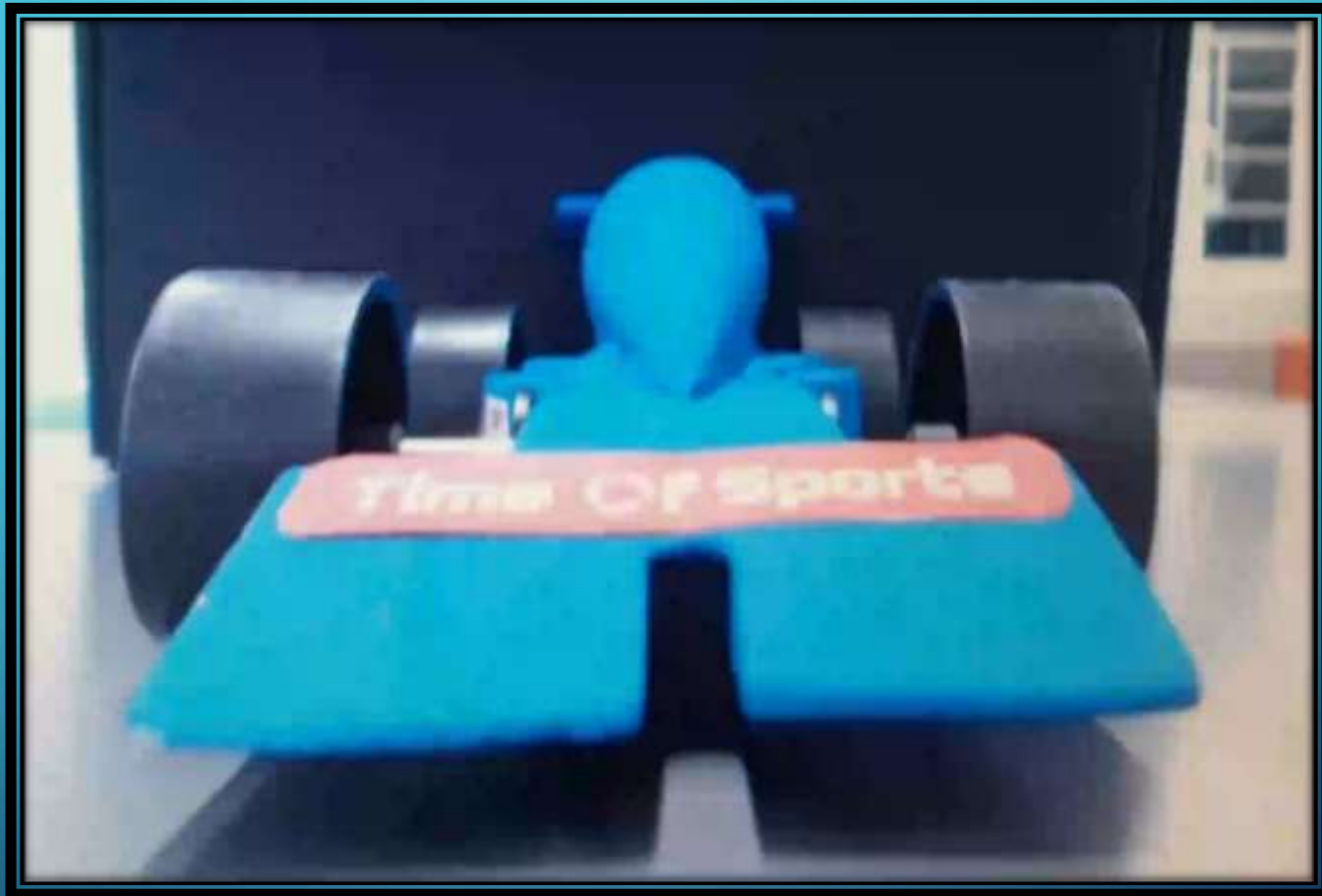
Axle

Wheel

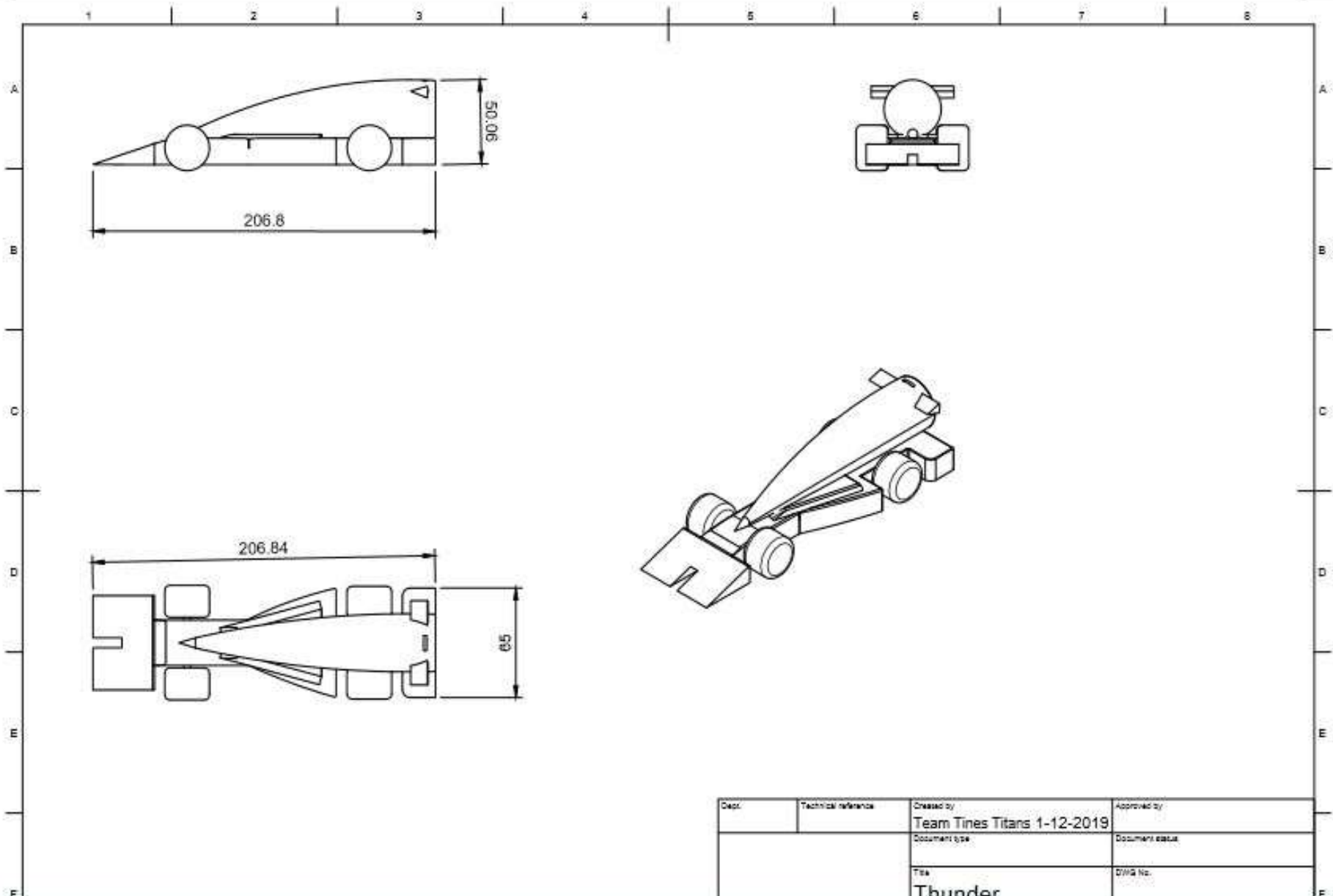
Wheel



OUR CAR



AORTOGRAPHIC PROJECTIONS



MANUFACTURING

Painting

It was fun painting the car we had a fight in this also and like always a toss was the End to this thing. At the last we had a final decision that he manufacturer and the team head had to paint the car. We borrowed a stand from

Last two or three years they helped us sometimes in designing also. They gave us the best advises ever cause they were easily accessible and never went too far that we can't contact them. They gave us one on their paint but we didn't use it. Then we painted both of our

cars and ended up with putting the stickers and other things



Summery-We told about how we painted our car.


in Schools

MANUFACTURING

The Final Manufacturing

The final part was really fun we didn't have any fight and silently did the thing. We were putting the washers wrong but the seniors helped us then we went to the carpentry room to get our tiers fixed but the axle was too long for that. Then we marked the cutting point and

Sent it for cutting but they said that it was not possible in school. So our designer took it home because there was a cutting shop near him. Then he fixed the wheel again and had it permanently fixed. We had a lot of problems while this because it was declared a holiday

But then we got a message from their executives that they have not shifted the date, time or venue and it would happen before. So we were happy again.



Summery-We told about the manufacturing and the things that happened that day.


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Testing

Testing was fun we had a lot of troubles as the day DM's order came that all schools are closed till Sunday. We were surprised. We contacted our teachers and found that we had to go

to school only. But then in the morning before the testing it got cancelled I got the news from the help of my friend. We were ready but then we had to go back to our homes

After some time a message came that it had been rescheduled to 23rd of December and the competition was rescheduled to 24th of December.

I could not write more because it was 4 days after the deadline of submitting the portfolios.

Summery-We told about what we thought about the design and the our sending failures.

The logo for 'in Schools' features a stylized red 'F' shape above the text 'in Schools' in white, all set against a black background within a white border.

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