

Formula-1 Car

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This project consisted of creating any solid object using the software called Solid Works., I decided to create a Formula Race Car. I chose this solid object due to my interest in automobiles. At first the curves and cuts of the formula one race car gave a lot of challenges. But later I found a tutorial that helped me to accomplish my task. The link to the tutorial is below. The reference photo is listed below.



Figure 1: above is the reference photo used for the Personal CAD Project

Source: http://www.cudacountry.net/html/sw_f1inschools.html

Since my Childhood, I was a big fan of formula 1 racing. I tried to attend almost every competition I could. When I was in my early teenage, my passion with the cars grew and I started collecting model toys of Formula one race cars. Then my dad bought me a lego set and from that set I got inspired and set my goal as a future car designer. In my adolescent, when I was studying physics, I came to know about the functioning of engines and I started collecting data about the functioning of a formula -1 racing car mechanism.

When the Personal CAD project was assigned, the first thing that came to my mind was designing anything related to automobile. Then after further thinking, I selected designing a formula -1 race car.

Since the first day of my Solid Work class, I was very much interested in Solid Work and I wanted to enhance my knowledge about Solid Works. After completing my solid object, I got to know about lot of different features in Solid Works.

The loft, cuts and the mates created some problem for which I had to ask my Professor.

Car designing always has been my Dream and hence I chose Mechanical Engineering as my intended major. Getting Inspirations from my field, I created a formula -1 race car.

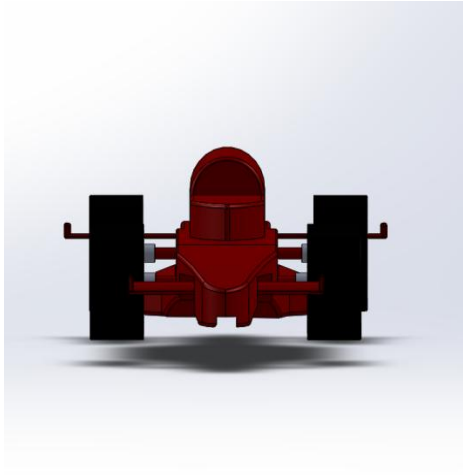


Figure 2: The front view of the Object

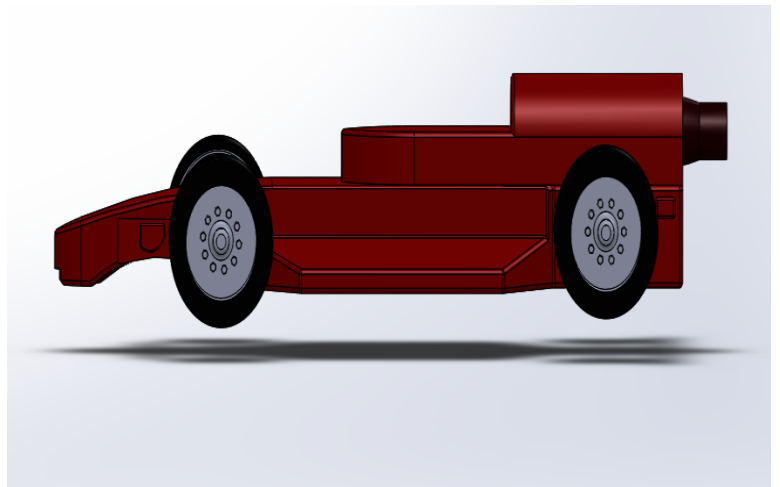


Figure 3: The side of the Formula- 1 Race Car

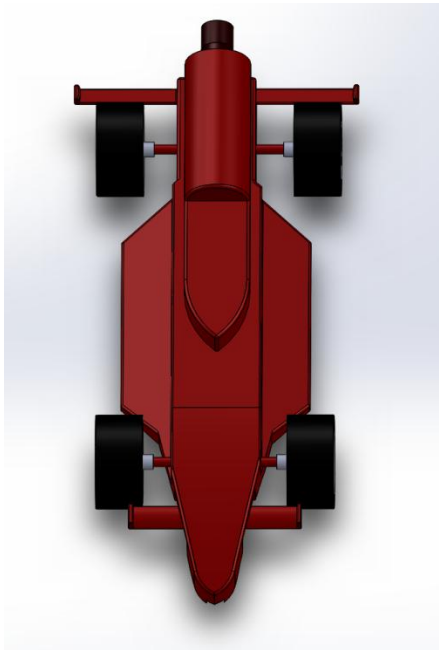


Figure 4: The top View of the
Formula – 1 race car

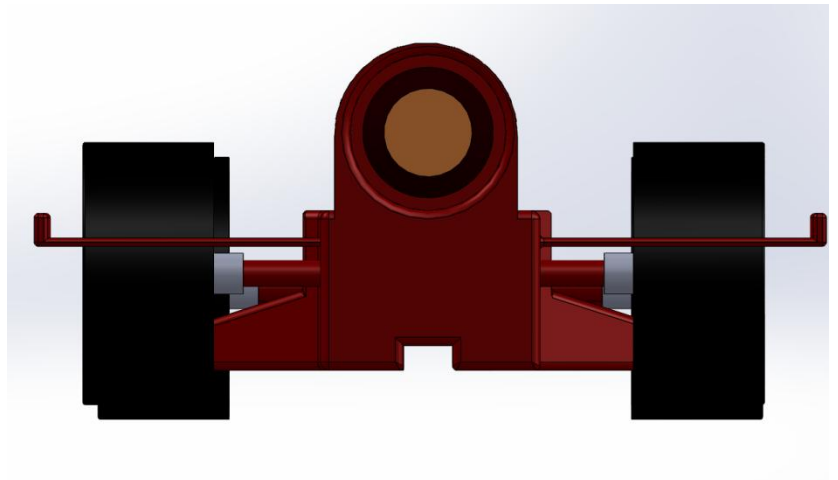


Figure 5: The view from the back side of the
Formula – 1 race car.

