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NEWSLETTER
FEBRUARY 2020

Welcome to the newsletter of February 2020! This being the month right after FB2020, we started kicking things into gear and working on testing the car to extract all the data we could to further improve our designs. We also had some important occasions in this month. The details:



Electronics

The team has started testing and fine tuning the **auto clutch- a feature which almost no other team in India has**. This improves the ease of driving and also helps us clock faster lap times. **Almost all lag in gear shifts is eliminated**. Simultaneously, we have also started research into **EVs** and their technical challenges to stay ahead of the curve and the coming transition to Electric Vehicles all over the world.



Powertrain

The engine was tuned to reduce the fuel consumption while also keeping in mind to not cause any significant loss of power.

Since reliability of drive train components (sprockets, chain, spool) is very important in building an enduring car .We tested these rigorously and the required changes for next car were noted.

Subsequently, we also did the same for our cooling system.



Vehicle Dynamics

During the days after FB 2020, the subsystem focused on checking the reliability of every part by running tests. Brake fluid, tyre pressures, and temperatures were monitored during these tests.

CORE TRANSFER

The core of the team is the people who hold positions of responsibility and are involved in making the decisions for their respective departments. As the final years who hold most of the posts inched closer to the date of their graduation, it was time to pass the torch to a younger batch.

We had our Core Transfer on the 24th of February, 2020. This will be made official on the day we have the Unveiling of NR20, and the details will be put out on our social media channels.



SHEROES OF INDIA

During our annual cultural fest, Incident, we had a series of talks by women accomplished in their respective fields, called the **Sheroes of India**. We were lucky enough to have **Henna Jayanth** as one of the speakers.

She is the **Race Driver** for **India's first all-women F4 team, Ahura**. With many more achievements to her name, we were glad to have her visit our lab on the 28th, and impart valuable insights gleaned from her time on the track. Wishing us well, she returned the next day to deliver the talk in the Silver Jubilee Auditorium.



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