

SPCE RACING AT SUPRA SAEINDIA 2016



Team SPCE Racing won the 'Go-Green' award for the most fuel efficient car. Self-manufactured, **Klein 2.0**, participated in the 2016 season of the national competition SAE SUPRA organized by SAEINDIA at the Buddh International Circuit, Greater Noida.

SAE SUPRA 2016 witnessed participation from 173 engineering colleges across the country. Under the able guidance of Dr S.S. Umale and the efficient leadership of Mr. Aman Chheda, the team's vehicle achieved a weight of 220 kg, a staggering weight reduction of 73 kg over the previous year's car, Klein 1.0. Equipped with a powerful Royal Enfield 500cc engine, the car



achieved major weight reduction due to self-manufactured carbon fiber nose and panels and optimization of wheel assemblies and drive train components which ultimately resulted in a better fuel economy.

The team was praised by the judges at the static events. They appreciated the sound and clean engineering practices employed in the design of various components. Also the business logic case was regarded as being developed from a pragmatic approach. At

the dynamic events, the team fared well at autocross and skid pad events owing to the acceleration provided by the Royal Enfield 500cc engine. Finally, Klein 2.0 finished 6th among 23 teams which participated in endurance.

SPCE Racing ranked 7th overall in SUPRA 2016. This was perceived as a triumphant success by all team members and which provided a morale boost to them to start working for the next iteration of SAE SUPRA. The team's vice captain, Alan Correa, said, "We plan to compete at

international competitions next year. Hopefully, with these achievements under our belts, we are able to overcome all hurdles and design, build, test and race an international level car which will make our college and country proud”.

The team is grateful to the Mechanical Engineering Department, Sponsors, Well-wishers and family members for their constant guidance and support.

#goSPCERacing

