

Engineering students design car easy on planet, c

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It might be the foul mood as a result of a truck blowing smoke arrogantly on your face or the debate surrounding the odd-even car policy of the Delhi government, the indications are everywhere that pollution is an issue that can't be ignored anymore.

Treading on similar line of thought, the super-mileage car that 21-year-old Jaipur boy Atul Arora and his friends from VIT University, Vellore have designed is certainly a step ahead to shift to a more eco-friendly vehicular system.

The prototype of the car, titled Rudra, is able to give a mile-

age of 200-km on just one litre of petrol. "We are 30 students from the team Eco Titans of the VIT University and it took us around seven to eight months to come up with the final design. Rudra is our official entry to the Shell Eco-Marathon Asia, which will be held in Philippines early next month. The car has been designed in such a way that through the help of Electronic Fuel Injection, it receives only that quantity of fuel which is necessary at a time," said Atul, a third-year engineering student at

VIT.

He further informed dna that the car also has a number of other facilities such as collision alert system due to which whenever it is about to hit an object, an alarm automatically alerts the driver.

"The car has a maximum speed of 80-km per hour but driving it in top gear also reduces

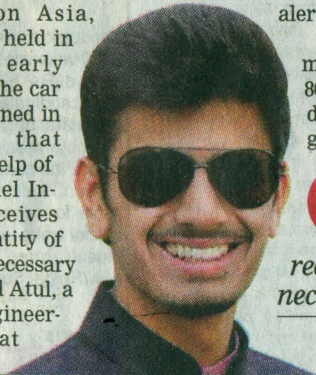
the mileage to some extent. However, since a speed of 40-km is appropriate for driving in crowded areas, I feel that the prototype could well be modelled to suit the requirements of our everyday life," remarked Atul.

The competition will see student-made designs from different countries. These designs are extremely innovative and combine some of the latest technolo-

gies developed by students all around the globe.

"In a competition what generally happens is that representatives of major car companies also take a keen interest in these ideas and if they are interested, they may also decide to replicate them commercially. The prototype has already been shipped to Philippines and soon, a few members of the team will be heading for the country," said Anirudh, another member of Team Eco-Warriors.

The students involved in the project are from different branches of engineering and have also worked effortlessly to collect the funds for the project.



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ATUL ARORA, engineering student



The prototype of the car 200-km on just one litre

Remaining Part *and the pocket*



200 KMS IN ONE LITRE OF PETROL

The prototype of the car, titled Rudra, is able to give a mileage of 200 kilometres on just one litre of petrol.

The car can run at a maximum speed of 80-km per hour but driving it in the top gear also reduces the mileage to some extent. However, a speed of 40-km is appropriate for driving in the crowded areas.

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