



- Cost: Rs 2 lakh
- Three wheels
- 35 cc engine
- Fibre body
- Weight: 55 kg

300 km in a litre of petrol!

NIT team hopes to achieve target at Malaysia eco-marathon

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Students of the local National Institute of Technology (NIT) have designed a vehicle that aims to cover over 300 km in a litre of petrol.

Sounds impossible, but that is the target that a prototype developed by eight BTech (IIIrd year) students aim to achieve at the prestigious Shell Eco-marathon to

be held from July 6 to 9 at the Sepang International Formula Circuit in Kuala Lumpur, Malaysia.

Their design is among a few chosen from India, China, Japan, Pakistan, Thailand, Philippines and Singapore by an international jury to get high school and college teams to design, build and test energy efficient vehicles that travel the farthest on a fixed amount of energy.

Apporva Pargaritha, team leader of Autorex, said the vehicle had been designed by him along with Raghav Nagpal, Anuj Sood, Sachpreet Singh, Balpreet Singh, Ravinu Garg and Arushi Gabrami under the guidance of Prof Vishal Sharma.

The total cost of the project, including taking part in the marathon, would be over Rs 6 lakh. The cost of the vehicle alone was

around Rs 2 lakh, he said.

The three-wheel concept vehicle has been designed around a 35 cc engine with a normal fibre body that weighs less than 55 kg. It has safety features like a harness for the protection of the driver and levers that will act as a steering mechanism.

The team is participating in the prototype category in the event that has been sponsored by energy giant Shell since 1935.