

FUEL | POWER ■ **Cost of the bike likely to be around ₹60,000**

Now, a bike that runs on CNG

AMITA VERMA | DC
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A bike that runs on CNG and gives a mileage of 80 kms per kilogram may sound almost impossible but four young boys in Rampur district have achieved the impossible. The cost of running the bike for 80 kms comes to merely ₹40. The final make of the bike is expected to cost between ₹50,000 and ₹60,000.

Four boys, namely, Faisal Shah Khan, Sayed Monis Athar, Faraz Hasan Malik and Wasim Akhtar, who have completed their B.Tech from an engineering college in Greater Noida have come up with a prototype version of the CNG run bike in a span of less than one year.

According to Faisal Shah

CO2 BRICKS ON THE ANVIL

DC CORRESPONDENT
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In path breaking research that would put a lid on major polluters like CO₂ (carbon-dioxide), which contributes to 60% of total pollution and global warming, Anna University has successfully carried out

a project that captures and converts CO₂ into useful products like bricks, carbonate and carboxylic acids.

The researchers say the technology, when made foolproof, can be adopted by polluting industries like power plants, and aluminum manufacturing firms.

Khan, "The purpose of developing such a bike was to make it environment friendly and provide a cheaper means of transport". The project was conceived in October 2014 and the bike's prototype version was finally rolled out in February 2015.

Explaining the modifica-

tions in the bike, Faisal said, "All the modified equipment for the prototype motorbike was made in the local workshops under our guidance. The bike has a modified carburettor and a regulator to control the gas intake. A one kilogram CNG cylinder is fitted in the bike and

it runs on both petrol and gas. The overall cost incurred on modifying the bike was about ₹10,000 and the second hand bike cost us ₹42,000".

Faraz Hasan Malik, another mastermind of the project and a resident of Bihar, said the whole project is self-financed and the money was contributed by all of them.

The four youth have gained appreciation from experts when they showcased their innovation at the national exhibition held at Indian Institute of Technology (IIT) Delhi on Dec 4 this year.

One of the four boys, Wasim Akhtar, is currently in Hyderabad to redesign the bike make through Computer Aided Design (Auto-CAD) software.