



**Young Entrepreneur**

Arpit Jain is a 4th yr student of GCET. He has received much recognition for his projects.

***Some of his projects are:***

**1. Energy production from rim mounted PZT benders in automobiles (bikes)**

In this project, PZT benders are implemented on the rim of automobiles. Due to change in pressure difference on PZT benders on the movement of vehicle, it allows flow of charge which can be used on -board devices and stored for other purpose.

**2. Drag reduction and energy production from running automobiles**

To overcome the drag offered by air and environment, a prototype has been developed to reduce this drag and lessen fuel wastage.

**3. Wind energy harvesters**

This is an alternate source for energy production from wind energy, other than 3 blades turbine.

***Recognitions:***

- 1st prize in NATIONAL level event, IMP (InoVision in Manufacturing Practices), at IIT Kanpur, March-2016.
- 1st prize in ASIA's level research event AISRC (All India Student Research and Convention), at IIT Kanpur, March-2015.
- 1st prize in NATIONAL level event, Ideaz-EC, at IIT Roorkee, March-2015.
- In top 10 teams, HACKATHON-MAKE IN INDIA event, at IIT Bombay, Feb-2016.
- 2nd position in IDEAZ-EE NATIONAL level event, at IIT Roorkee, 2015.
- 3rd position in VIDHURJA NATIONAL level event at IIT Roorkee, 2015
- Presented paper in IEEE conference at ABES college