

Hardik Gupta

4rd Year B.Tech Student
Mechanical Engineering
Indian Institute of Technology Patna

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Academic Details

Year	Degree	Institute	Percentage/CGPA
2012-Present	B.Tech in Mechanical Engineering	Indian Institute of Technology Patna	7.23
2012	Class XII CBSE-AISSCE	Model School ,Rohtak (Haryana)	84.4%
2010	Class X CBSE-AISSCE	Model School ,Rohtak (Haryana)	8.4/10

Projects

Designing and Fabrication of a Stair Climbing Bot (BTP):

(Mentor: Dr S.S. Panda, Department of ME, IIT Patna)

An robot that use Tri-wheel Mechanism to climb stairs. Currently working on its Design aspect.

Design and Fabrication of All Terrain Vehicle SAE BAJA-2015 Competition:

(Mentor: Dr Akhilendar Singh, Department of ME, IIT Patna)

A group project aims to make a reliable, robust design of ATV and then fabricate it. I worked for the **Ergonomics** of the car . We got selected in the virtual round and participated in the main event.

Manual Rice Planter:

(Mentor: Dr P. Saha, Department of ME, IIT Patna)

Design and fabricated a hand driven Rice Planting Machine for small scale agriculture.

Technical understating & Skills

Lab and workshop exprience : Data acquisition system, CNC Milling & Lathe, Unconventional machining, welding, universal testing machine etc.

Design and CAE Software: Solid Works, AutoCAD.

Programming & others: C, java, HTML, MATLAB, MS-Excel.

Extra-Curricular Activities

Organised technical events in Techno-Cultural event "Anweshya 2014".

Participated in Counterstrike And DotA 2 Tournament of "Anweshya 2015".