



Himanshu Verma

B.Tech , 4th year
Department Of Mechanical Engineering
Indian Institute of Technology Patna

Email:himanshu.me12@iitp.ac.in
Phone: +91-9472459045
Date of Birth: 23/July/1994

EDUCATION

Level	Year	Institute	CGPA
B.Tech (Mechanical Engineering)	2012-Present	Indian Institute of Technology ,Patna	8.34/10(Up to 6 th semester)
Senior Secondary(U.P. Board)	2011	Dr. A.K.S Inter college	88%
Matriculation(U.P. Board)	2009	S.V.Mandir school	81.33%

WORK EXPERIENCE

Summer Intern || TATA MOTORS LIMITED , Jamshedpur

Mentor- Mr Arwind Kumar(Manager (PSD), TATA MOTORS)

Duration- May-June 2015

- Completed project on application of Maynard Operation Sequence Technique (MOST) for work measurement and reduction of process time in foundry division.
- Worked on project of Ergonomics Risk assessment. In this based on the percent exposure calculated and green, yellow or red rating is given to the stations.

ACADEMIC PROJECTS

B.Tech Project (AUG 2015-PRESENT)

- Crack analysis of a Metal strip using Ansys software.

3rd year Project

Fabrication of an All Terrain Vehicle (ATV) for SAE-BAJA(2014-2015)

- Member of Engine department for team BAJA IIT Patna which has successfully cleared the virtual round
- Successfully manufactured **BAJA ATV** and participated in main field event.

Design analysis of Differential gear

- Theoretical analysis of diametral pitch of differential gear for constant power and speed.

2nd year project

Fabrication of FIXTURE for Laser Machine

- Fabricated a fixture to fix metal sheet using manufacturing facilities available in our institute.

Presentation on Carbon Nanotubes

- Gave presentation on comprehensive process maps to synthesize high density plasma sprayed aluminium oxide composite coating with varying carbon nanotube content.

TECHNICAL UNDERSTANDING

Familiarity with machines

- CNC milling and lathe, Lathe machine, laser Cutting Machine, wire electrical discharge machine and Welding Machines.

Software skill

- Application software: ANSYS , Solid Works , AutoCAD .
- Programming Language: C, JAVA (OOPS), MATLAB.

EXTRACURRICULAR ACTIVITIES

- Organiser of 'EXERGIO'(event) in "ANWESHA" The annual fest of IIT Patna
- Member of SCME(Society of Mechanical Engineers),IIT Patna
- Got second prize in Wall-E(bot competition) in college technical fest CELESTA-2013
- Membership of SAE(Society of Automobile Engineers) India.
- Member of Rural Technology Development Club.

DECLARATION:

I hereby declare that all the information given above is true to the best of my knowledge.