



Saurabh Arya

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

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Date of Birth: 28/April/1993

EDUCATION

Level	Year	Institute	CGPA
B.Tech(Mechanical Engineering)	2012-Present	Indian Institute of Technology ,Patna	6.37/10(Up to 6 th semester)
Senior Secondary(C.B.S.E Board)	2011	Vidya Mandir School,Haridwar,Uttarakhand	68%
Matriculation(C.B.S.E Board)	2009	St.Xavier School,Alwar,Rajasthan	65%

WORK EXPERIENCE

Summer Intern || Premium Transmission LIMITED, KOLKATTA

Mentor- Pallab Bhattacharyya (DGM (Q&A), Premium Transmission LTD.) Duration-11 May-4June 2015

- Completed project on vibration analysis of gear box.
- Learned Design, Manufacturing, Heat Treatment process during industrial visit.

ACADEMIC PROJECTS

B.Tech Project(AUG 2015-PRESENT)

- Development and Analysis of Ultrasonic Vibration assisted Reverse μ EDM Process.

3rd year Project

Presentation on Methods for Improving Laser Beam Welding EFFICIENCY.

Presentation on design analysis of welded joints.

2nd year project

Manufactured gym equipment prototype.

Manufactured GYM equipment prototype using **Scotch Yoke mechanism**

Presentation on carbon Nanotube.

- Studied and presented a report on **Synthesis of Aluminium Oxide Coating with Carbon Nanotube Reinforcement**

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

- Member of IIT Patna Cricket Team, Represented College at InterIIT Sports Meet in year 2012 and 2013.
- General Secretary sports ,Student Gymkhana, IIT Patna.
- Member of SCME(Student council Mechanical Engineer).

DECLARATION:

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