

Ravindra Kumar Meena

B.Tech , 4th year

Department Of Mechanical Engineering

Indian Institute of Technology Patna

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Date of Birth: 23/April/1996

EDUCATION

Level	Year	Institute	CGPA
B.Tech (Mechanical Engineering)	2012-Present	Indian Institute of Technology ,Patna	6.58/10(Up to 6 th semester)
Senior Secondary(U.P. Board)	2011	St.F.Xaviers Inter college	76.40%
Secondary(Raj.Board)	2009	Ramvilas sec. school	90%

WORK EXPERIENCE

Summer Intern || **PREMIUM TRANSMISSION LIMITED,UNIT-II,FALTA(KOLKATA),W.B.**

Mentor- Mr Pallab Bhattacharyya (DGM (Q&A), PREMIUM TRANSMISSION LTD.)

Duration-11 May-4

June 2015

- Completed project on **Noise and Vibration Analysis of Gear Box.**
- Completed industrial visit of plant, Learned the Design, Manufacturing process, Heat Treatment, Testing and Assembly of Gear Box.

ACADEMIC PROJECTS

B.Tech Project (**AUG 2015-PRESENT**)

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

3rd year Project

Handle Operated Garbage and Soil Collector

- Fabrication of Garbage collector in association with RTDC (Rural Technology Development Club) IIT Patna.

Presentation on Methods For Improving Laser Beam Welding Efficiency

- Methods for laser beam welding process efficiency improvement are analysed and compared both separately and combined.

2nd year project

Manufactured a prototype of a Gym equipment

- Fabricated a prototype of gym equipment using **Scotch Yoke mechanism.**

Presentation on Carbon Nanotubes

- Gave presentation 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 skills

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

EXTRACURRICULAR ACTIVITIES

- Member of Rural Technology Development Club, IIT Patna.
- Member of IIT Patna Cricket team. Represented College at InterIIT Sports Meet 2013 and 2014.
- Member of SCME(Student council of Mechanical Engineers),IIT Patna.

DECLARATION:

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