

VISHWAJEET KUMAR

Bachelor of technology, 3rd year
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Department Of Mechanical Engineering
Indian Institute Of Technology Patna

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Premanent Address: Urmila Sadan,Shyambagh Road,Sultanganj-813213,Bhagalpur,Bihar

EDUCATION

Under-graduation: Indian Institute Of Technology, Patna.

Degree	DEPARTMENT	CGPA		DURATION
B.Tech	Mechanical Engineering	6.89		2013-2017

Schooling: K.N.S.M High School,Sultanganj,Bhagalpur,Bihar and B.S College Shakhund Bhagalpur Bihar

Class	PERCENTAGE	BATCH RANK	YEAR OF PASSING	STATE/BOARD
X	76%	1 ST	2011	Bihar Board
XII	77%	1 ST	2013	Bihar Board

OBJECTIVE

- Seeking for an internship program in a mechanical engineering Company/Institute where I can get opportunity to work under professionals to gain practical knowledge and improve my existing skills

INTEREST IN RESEARCH AREAS

- Non-linear Elasticity
- Thermodynamics
- Failure Criteria for Composites
- Turbulence and Heat Transfer
- Automobiles

MAJOR PROJECTS UNDERTAKEN

SAE INDIA BAJA (2014-2015).

- Member of the team which aimed to design and an All-Terrain Vehicle and compete at national level. **RESULT:** Qualified virtual round as only team from the state and one of the only two IITs.

HUMAN POWERED VEHICLE CHALLENGE-2015

- Member of the team which designed and manufactured a Human Powered Vehicle to compete at national level in an event organised by American Society of Mechanical Engineers(ASME). **RESULT:** Project is ongoing.

HACK SAW PROTOTYPE

- Designed and manufactured a working prototype of a human powered hack saw based on planet gear mechanism to increase the efficiency.

HYDRAULIC ARM

- Designed and manufactured a hydraulic arm for college level competition.

TECHNICAL UNDERSTANDING

EXPERIENCE WITH MACHINES

- CNC milling and lathe, Lathe machine, Grinding machine, Power Drill, laser Cutting Machine, Optical Micro Scopes, Hydraulic Press, Ultra Sonic Machine, WEDM and Welding Machines.

SOFTWARE SKILLS

- Softwares- SolidWorks, AutoCAD and Pro-E, Ansys, Abaqus, HyperWorks, ELCAM, MS-Office, LaTeX.
- Programming Skills- C, C++, Java (OOPS), MATLAB, Python.

LEADERSHIP AND POSITION OF AUTHORITY

- Technical Sub-coordinator of Student core-committee for Techno-Cultural Fest of the Institute.
- Organiser of the most successful technical event 'AQUA SOCCER' of Techno-Cultural Fest of the Institute in Anwesha 15.
- Event organising manager of the Annual Techno-Management Fest 'CELESTA' and organised event named 'BANG

EXTRA CURRICULAR ACTIVITY

- Worked as a part of Rural Technology Development Club, IIT Patna and recorded video lectures.
- Volunteered in various parts like technical team, verve, Media and Public Relation team during Anwesha 14 and 15.
- Member of Rural Technology Development Club and SCME club at IIT Patna.
- Member of basket team of IIT Patna and represented my college at 50th Inter IIT sports Meet held at IIT Bombay.