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OBJECTIVE

Seeking an industrial internship for application of my knowledge and skills and their continuous improvement.

EDUCATIONAL QUALIFICATIONS

Examination	University/Board	Institute	Year	CPI/%
Graduation	Indian Institute Of Technology Patna	Indian Institute of Technology Patna	2017	7.35
Intermediate	Central Board of Secondary Education	Grizzly Vidyalaya	2012	86.6
Matriculation	Central Board of Secondary Education	PVSS DAV Public School	2010	10

ACADEMIC PROJECTS

FABRICATION OF AN ALL TERRAIN VEHICLE (ATV) FOR SAE-BAJA

[2015]

- Member of **Power Train** department for team BAJA IIT Patna which has successfully cleared the virtual round.
- The team was ranked **95 out of around 300 teams** which participated.
- Used analytical method to analyze power train characteristics, efficiency, coupling, gear box calculations etc.

HUMAN POWERED VEHICLE CHALLENGE (ASME)

[Oct'14-Jan'15]

- Led the **transmission team** of 4 people in the international competition organised by **American Society of Mechanical Engineers (ASME)** which saw the participation of **more than 48 teams across the globe**.
- Successfully **finished at 5th place** in the **design event**.
- Designed a complex system of **gear transmission** of two wheeler **fully recumbent bicycle**.

POWERED HACKSAW

[March'15-April'15]

- Fabricated a **Human powered** hacksaw with improved efficiency.
- Used **planetary gear** system in the driving handle.

HYDRAULIC ARM

[Sept. 2013]

- Designed a robotic arm using concepts of hydraulics.
- The working model had **3 degrees of freedom** with operations of height and distance travel.

TRAINING/INTERNSHIP

NTPC (NATIONAL THERMAL POWER CORPORATION)

[June'15-July'15]

- Underwent a One month vocational training at **NTPC,Barh**.
- Got a very good exposure to the actual working scenario of the power plant.

TECHNICAL SKILLS / ACHIEVEMENTS

- Have a good command on programming languages of **C and JAVA**.

- Well versed with softwares such as **AutoCAD, ADAMS, CATIA**.
- Got **All India Rank 436** in **National Science Olympiad** in class 7.
- Got **1st prize** in **Carte blanche**, a **innovative design** competition in CELESTA, annual technical fest of IIT PATNA.
- Won various debate and speech competitions in secondary school.

POSITIONS OF RESPONSIBILITY

- Member of **Core committee** of **ANWESHA** ,the annual techno cultural fest of IIT PATNA.
- Coordinator of **Eco and Social Welfare club**.
- Member of **SAE** (Society of Automotive Engineers).
- Member of **ASME**(American Society of Mechanical Engineers).

DECLARATION

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

REFERENCES

Available on request.