

EDUCATION

Qualification	Year of Passing	Institute	Board/University	Aggregate
B.Tech (Mechanical)	2013 – 2017	Indian Institute of Technology, Patna	Indian Institute of Technology, Patna	8.04 / 10 CGPA
High School	2010	St. John's School	ICSE	94.3%
Intermediate	2012	Sunbeam School	CBSE	92.0%

OBJECTIVE: Seeking Internship to gain experience and explore my interests in various aspects of mechanical engineering.

INTEREST AREAS: Heat transfer, Manufacturing Technology, Thermodynamics.

TECHNICAL EXPERIENCE

Internship

Summer Training-**Diesel LOCOMOTIVE WORKS VARANASI (May-July 2015)**

Visited various workshops like **Heavy Welding Shop** , **Heavy Machining Shop**, **Loco Testing Shop**, **Engine Testing Shop** etc. Exposed to various welding , machining, assembling processes. Understood functions of various CNC Lathe and Milling machines etc.

Projects

- **Human powered hacksaw** (*March 2015– April 2015*)
Designed and manufactured prototype of powered hacksaw using planetary gear system.
- **Hydraulic Distant Door Locker**(*2015*)
Fabricated a door locker for hostel rooms which can reduce effort of standing and opening or closing door.
- **Manual spice grinder**(*2015-on going*)
Designing and fabrication of spice grinder which will be driven by hand.
- **Hydraulic arm** (*2013*)
Designed and made hydraulic arm in a college competition.
- **Buzzer system** (*2014*).
Made buzzer system for college quiz competition.

SKILLS

- Designing of Machine components, Solid Modeling, CAD and CAM (milling and turning operations).
- Basic knowledge of CNC Lathe, Milling, Laser cutting.
- Knows matlab ,C, JAVA, Solid Works, Adams, Pro-e, Autocad , Excel.

OTHER ACHIEVEMENTS

- Selected for **NTSE** Scholarship (2008).
- Qualified for **KVPY** Interview round (2011).
- City topper in **Ramanujan Memorial Mathematics Contest** (2011).
- City topper in **National Cyber Olympiad** (2008) and secured **96th AIR**.
- Secured **2nd rank** in city in **SHISHIR MEMORIAL INTER SCHOOL MATHEGENIUS** (2009).

EXTRA-CURRICULAR ACTIVITIES

- Core team member of **QuiZZarE** (Quiz Organizing Committee).
- Conducted various quiz competitions as Quiz Master in different schools under QuiZZarE.
- Organised **Are You Updated ,B Quiz** at annual fest of **IIT Patna**.
- Got **2nd** position in **QuizWiz at ANWESHA** annual fest of **IIT PATNA**.