



Ronak Jain

UG Third Year, Civil and Infrastructure Engineering (B.Tech)

Indian Institute of Technology Patna

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OBJECTIVE

Seeking an opportunity with a progressive industry to enhance knowledge and personal skills and positively contribute through the same.

EDUCATIONAL QUALIFICATIONS

Education Details	Board/ University	Institution	CPI / %	Year
Under-Graduate(B.Tech in Civil & Infrastructure Engineering)	N/A	Indian Institute of Technology Patna	8.07 / 10	2017*
Intermediate (+2)	CBSE	Bhartiya Public School, Sikar	73.80%	2012
Matriculation	RBSE	Vardhman Vidya Vihar Sikar	75.17%	2010

* expected graduation date

INDUSTRIAL EXPERIENCE / ACADEMIC PROJECTS

- ✚ **Internship at Jindal Realty Pvt Ltd New Delhi, India.** [May 2015 – June 2015]
 - Worked on the **production** of precast building structure and gained practical knowledge of the concept of precast technology.
 - Performed all the quality control test on concrete , aggregates and cement.
 - Analysed building design drawing and verified the material used with standard chart.
- ✚ **Demonstrated the effect of wind loads on buildings and structures.** [Nov 2014]
 - **Guide** : Dr Manabendra pathak
 - Demonstrated the effect of wind loads on buildings and structures by considering the basic parameters of wind loads and different aspects of wind. |
- ✚ **Designing human powered vehicle** [Sep 2014 –Jan 2015]
 - **Guide** : Dr. Atul Thakur
 - Designing a short wheel base recumbent bicycle for better comfort and good manual handling.
 - A detailed analysis of chassis.
- ✚ **Made a bridge model** [Jan 2014]
 - Fabricated a bridge model with balsa wood of truss type having high strength to weight ratio.
- ✚ **Hydraulic arm** [Sep 2013]
 - Fabricated mechanically controlled hydraulic arm having four degrees of freedom.

TECHNICAL SKILLS

- Application Software: AutoCAD, Staad pro, SAP2000, MatLab and computer language C.
- General Software: MS Office, Photoshop.
- Instruments Worked On: Drilling Machine , Arc Welding ,Tacheometer, Theodolite, Total Station and other Surveying Instruments.

HONOURS AND ACHIEVEMENTS

- Secured All India Rank-5504 in IIT-JEE-2013.
- Secured 1st rank in death race, wall-e and connectridge (bridge making competition) competition organized in CELESTA in IIT Patna.
- Participated in HPVC (human powered vehicle challenge) organized by ASME and secured 5th rank in design event.

EXTROF RESPONSIBILITY

- **SUB COORDINATOR**: - Subcoordinator of technical department in Anwesha, the annual techno-cultural fest of IIT Patna and led a team of 40 members.
- **ECO SECRETARY of boys hostel** in IIT Patna for the year 2014-2015.
- Represented IIT Patna at Inter-IIT sports meet in year 2013 and 2014 in volleyball.
- Achieved first rank in March Past in Inter-IIT sports meet 2014.