



J AJAY REDDY

Undergraduate student (third year)
Civil & Infrastructure Engineering
Indian Institute of Technology Patna, India
juturuajayreddy@gmail.com
+919472472498

OBJECTIVE

To acquire and enhance my technical skills in accordance to the growing need of industry and familiarize myself with professional challenges, by virtue of an internship in an institute / research lab offering challenging environment for this purpose.

EDUCATION

Degree	Year	Institute	Performance
B.Tech in Civil & Infrastructure Engineering	2013 - Present	IIT PATNA	8.51/10 (CGPA)
AISSCE (class XII)	2013	JAWAHAR NAVODAYA VIDYALAYA	92.2 %
AISSE (class X)	2011	JAWAHAR NAVODAYA VIDYALAYA	9.8 / 10 (CGPA)

SCHOLASTIC DISTINCTIONS

- Secured All India rank of 5166 in IIT-JEE 2013.
- Secured All India rank of 7214 in JEE MAINS 2013 out of 12 lakh students.
- Secured 6th position in the Statistics Olympiad conducted by AIMSCS as part of statistics day -2010
- Won second position after presenting ideas to make structures earthquake resistant by various retrofitting techniques in Civil engineering tech-fest organised by Indian Institute of Technology (IIT) Kharagpur.
- Got selected for Jawahar Navodaya Vidyalaya (JNV) after clearing entrance exam in class V.

PROJECTS

COURSE PROJECTS

- **Demonstration of Bernoulli's principle.** [Nov 2014]
GUIDE: Dr. Manbendra Pathak.

OTHER PROJECTS

- **Designing and manufacturing human powered vehicle.** [Sept 2014 – Jan 2015]
GUIDE: Dr. Atul Thakur.
Designed, analysed and manufactured a short wheel base recumbent bicycle for a better manoeuvre and increased comfort along with a team of fifteen members.
- **Designed and built a bridge model.** [Sept 2014]
The model was such that it has maximum load bearing capacity per unit weight . The small scale bridge is made by using balsa wood.
- **Designed and fabricated a hydraulically controlled mechanical arm.** [Sept 2013]

TECHNICAL SKILLS

- Familiar with **Autocad, Staad.Pro, SAP, Ms Office**
- Have a basic knowledge of **C language**

NON-SCHOLASTIC DISTINCTIONS

- Led a team of 15 members in HPVC-2015, an all India competition to design and build a human powered vehicle conducted by American Society of Mechanical Engineers (ASME), and secured 5th place in design category.
- Organised two events in ANWESHA (techno-cultural-fest of IIT Patna).
- Won first positions, with my team, in bot-race and ball collecting bot events organised in CELESTA (technical fest of IIT Patna).
- Had been an active participant in various debate, quiz and drama competitions and won several positions.
- Secured 367th position in Nationwide Biotechnology Olympiad-2009.