



KUMAR GAURAV

Third Year, B.Tech Civil Engineering, IIT PATNA

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Academic Background

Degree	Institution	Performance
B.Tech. Civil Engineering	IIT Patna	CPI: 8.33 SPI : sem 4: 8.55 sem 3: 8.30 sem 2: 8.27 sem 1: 8.20
AISSE (CBSE 12 TH Board)	Delhi Public School	89.6% (Phy, Chem, Math avg: 92%)
AISSE (CBSE 10 th Board)	Tender Heart Sr. Sec. School	CGPA: 9.8(Cumulative Grade Points Avg.)

Research & Industrial Experience

- Intern at **Water Resources Department, Govt. of Jharkhand**. The internship involved study of Barrage construction, canal lining and also tests at Design Division's structural laboratory.
- Participated in Summer Training & Internship Program on **Structural & Foundation Analysis** organized by Civil Simplified.
- Responsible for Aerodynamics and Design Analysis in college team for **Human Powered Vehicle Challenge (HPVC), India, 2015** conducted by ASME.

Academic Activities

- Demonstrated practical applications of Bernoulli Equation as part of course project.
- Participated in Easel, Bridge design competition in Techniche, IIT Guwahati. Designed a bridge from balsa wood.
- Underwent a two-day workshop in network management and ethical hacking conducted by Netcomp at IIT Patna

Positions of Responsibility

- Co-ordinator of Association of Civil Engineers, IIT Patna
- Bentley Student Ambassador for academic year 2015-2016.
- Literary Co-ordinator and core committee member of Anwesha 2016.
- Task Manager, Industrial Relations at Entrepreneurship club, IIT PATNA.
- Sub-coordinator, Literary affairs for Anwesha 2015.

Scholastic Achievements

- Received best performer award in Summer Training and Internship Program conducted by Civil Simplified.
- Secured first position in Blog Blast (a blog writing competition) in Anwesha 2015.
- Secured first position in Cart-e-Blanche where the problem statement was to model a technique to measure force on car pedal.
- Qualified for second round of TCS Codevita 2014.

Software Skills

- Proficient in SAP 2000, SAFE, ETABS, AUTOCAD and Matlab.
- Working knowledge of Catia & Ansys (fluent and structural module).
- Knowledge of C, C++ and Java languages, MS-Excel

Relevant Courses Undertaken

- Intro. to soil mechanics and foundation engg.
- Soil mechanics Laboratory
- Structural Analysis
- Design of Reinforced Concrete Structures
- Fluid Mechanics and Hydraulics (theory and lab)
- Structural Laboratory
- Mathematics I, II, III
- Geomatics Engineering

Personal Insight

With a keen interest to understand core civil engineering, I wish to specialize in foundation engineering and earthquake engineering. Presently I am learning important civil engineering software like SAP 2000, SAFE and ETABS.

On a parallel field, I am also constantly trying to hone my managerial and literary skills.

I enjoy reading novels and playing badminton and chess.

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