



Paresh Vishnoi
Civil Engineering
Indian Institute of Technology, Bombay
Specialization: Structural Engineering

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M.Tech.
Male
DOB: 10/02/1988

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2011	9.06
Graduation	VNIT Nagpur	VNIT Nagpur	2010	7.01

❖ AWARDS AND ACHIEVEMENTS

- INNOVATION
 - National finalist (total 18) of “Shaping the Future”, **National Geographic Channel** (2010)
- GATE 2010
 - Secured an **All India Rank 26** in IIT-GATE 2010, entrance examination for M.Tech

❖ KEY ACADEMIC PROJECTS UNDERTAKEN

- URBAN SEISMIC RISK ASSESSMENT, PROF. RAVI SINHA, M.TECH THESIS (July 2011 – present)
 - Implementing methods for **seismic hazard assessment** and vulnerability assessment of structures
 - Updating **risk assessment** system RISK.iitb on .NET platform in ArcGIS
 - Carrying out necessary **Visual Basic** software development
- TYPIFIED DESIGNS FOR STRUCTURES WITH STEEL ROOF TRUSSES, PROF. L.M. GUPTA, SUMMER PROJECT, VNIT NAGPUR (June - July 2009)
 - Conversion of the design tables of SP: 38 from Working Stress Method to Limit State Method
 - Development of **analysis and design modules** for steel members using **Excel spreadsheets**

❖ EXTRA CURRICULAR ACTIVITIES

- ROBOTICS
 - **1st position** in IIT Guwahati (2009) , VNIT Nagpur (2007) and NIT Warangal (2008)
 - **2nd position** in IIT Kanpur (2009) and VNIT Nagpur (2009)
 - Understood the concepts of **kinematics** better through robotics
- PHOTOGRAPHY
 - **5th position** in PG Cult photography, an Institute level photography for post graduates (2011)

❖ WORK EXPERIENCE

- INTERNSHIPS AT AFCONS INFRASTRUCTURES, NAGPUR
 - Six-lane Cable-stayed bridge & ROB Kalmana projects (Dec - Jan 2008)
 - Exposure to the design and construction details of **Cable-Stayed Bridge**
 - MIHAN flyover-cum-Interchange (May - June 2008)
 - Exposure to concept of **segmental construction** and voided slabs

❖ POSITIONS OF RESPONSIBILITY

- COORDINATOR TECHFEST 2012 (June 2011 - present)
 - Coordinating for overall **conceptualization** and execution of “Robowars” and “Ideate” event in Techfest, the Technological festival of IIT Bombay and the biggest one in Asia
 - **Pioneering** to introduce Concrete Canoe Competition for first time in India in collaboration with the American Society of Civil Engineers (ASCE)
- INSTITUTE STUDENT COMPANION (June 2011 - present)
 - Currently **mentoring** 8 first year students with their academics and extra- curricular activities
 - Developing an open courseware and research database to help mentees