



JITENDRA SHARMA

M.Tech Civil Engineering
Building Science & Technology (Structure Engg. Group)
Indian Institute of Technology Roorkee



Area(s) Of Interest: Design of Multistorey Buildings, Overhead water tanks, Design of Bridges and Steel Structures.

Educational Qualifications	Year	Board/Institution	CGPA*/ %
Postgraduate (1st Year IInd Semester) (Civil Engineering)	2010	IIT Roorkee	8.670
B.E. (Civil Engineering)	2009	M.B.M.Engineering College Jodhpur	78.170
Twelfth Class	2004	K.V. No-2 (Army) Jodhpur	77.000
Tenth Class	2002	R.G.M.P.School Jodhpur	77.600

*GPA on a scale of 10

INTERNSHIP

Central Building Research Institute, Roorkee

DESIGN OF FRAMED STRUCTURE (2 Months)

Work on the live problem of Design of industrial building in seismic active zone under guidance of scientist of structure division

Gammon India Pvt. Ltd.

Site Training on MAP Project (40 Days)

Get knowledge of on-site construction execution of housing scheme of MAP Project of Indian ARMY

PROJECTS

IIT-Roorkee

Performance of Flat Slab Shear Wall Core Building under Seismic loading (8-months)

Modeling of flat slab shear wall core building is done using simple frame element with some correction. Performance of the same is to be found out for different levels of seismic hazard using Push-over analysis by SAP-2000 and manually constructed excel sheets for flat slabs and shear cores.

IIT-Roorkee

F.E. Analysis & Design of Spherical Overhead Water Tank (1 month)

Comparison of analysis result for spherical overhead water tank by conventional approach and Finite element analysis is made using STAAD.Pro. software, followed by design of the same.

IIT-Roorkee**Strength Assessment of 64 m Truss Girder Bridge.**

An existing 64 m truss girder bridge has been checked for particular type of vehicle (similar to 70R) by generating 3-D model in STAAD.Pro.

MBM Engineering College**Preliminary Design of High Court Building at Jodhpur (1 month)**

Preliminary Design was done for the plan of proposed High Court Building. On basis of the design quantity estimation of materials were done

SKILLS And ACHIEVEMENTS

Computer Languages	Elementary Knowledge of C,C++
Software Packages	STAAD.Pro, ETABS 9.5, SAP-2000,AUTOCAD, Elementary knowledge of ABAQUS
Academic Achievements:	Got GOLD Medal for First Rank in Civil engineering Degree-2009
Additional Courses Taken	Design of Bridge Sub Structure; Finite element analysis; Repair, Restoration and Strengthening of structures; Analysis and Design for dynamic effects.
Language known	English (S/R/W); Hindi (S/R/W)

EXTRA CURRICULARS

Directorate Of Mountaineering & Allied Sports, Manali (2002)

Participated in high Altitude Trekking Program up to height of 11200 ft.

Youth Empowerment Seminar (2009)

Attended 7 days youth empowerment program organized by Govt. of Rajasthan (2008)

ENCARTA-2006, MBM Engg College (2006)

Participated in Rajasthan State level technical fest

Seismic Strengthening -2010 (IIT-R & NTU Singapore) (2010)

Attended Training and Capacity Building Programme organized by IIT-R and NTU-Singapore

Innovative Methods in Concrete Construction (2010)

Attended the Workshop organized By Indian Society for Construction Materials and Structures and The Institution of Engineers(INDIA)

Certificate of Proficiency (2003) Represent the House in Singing competition at K.V. NO 2 (Army) and Got first position.

PERSONAL DETAILS

Father's Name : Prem Chand Sharma

Date of Birth : 16-01-1986

Gender: Male

Permanent Address: Tater Street, Dhanmandi Mahamandir Jodhpur-342006

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REFERENCES

Dr. N.M. Bhandari

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Dr. A.K. Mittal

Scientist E-2

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