

Dear Sir

We have training modules that are tailor made according to the University Requirement (for credits in the Semester Examination) for Civil Engineering students in the 3rd Semester and 5th Semester.

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The topics covered under the Building Construction and Disaster Management Internship Program is as follows

Building Construction

Topics are:

- 1. Introduction to Building Construction
- 2. Materials Used in Building Construction
- 3. Laying of Reinforcement
- 4. Building Construction Process
- 5. Common Steps in Building Construction
- 6. Major types of Building Constructions

- 7. Construction of Residential Building
- 8. Construction of Commercial Building
- 9. Construction of other Building Types
- 10. Type of Building Structures
- 11. Building Foundations
- 12. Types of Foundation
- 13. Elements of Construction
- 14. Roofing Systems
- 15. Waterproofing System
- 16. Building Services
- 17. Construction Technology
- 18. Civil Construction



Disaster Management

Topics are:

- 1. Introduction to the Training Program
- 2. Construction of Foundation of Buildings
- 3. Damage from Disaster
- 4. Causes of Earthquake
- 5. Cause for weakness of Building
- 6. Instrument for Building Construction

- 7. Quality of Construction Material
- 8. Safety in Building Construction
- 9. Selection of Building Site
- 10. Layout of Buildings
- 11. Construction of Foundation of Buildings
- 12. Concrete and Material Making
- 13. Method of RCC work
- 14. Rules for Brick Making wall
- 15. During the Earthquake Conductance of Load Carrier wall
- 16. Shape & Design of Disaster Prone Building
- 17. Shape and Types of Earthquake Resistant walls
- 18. Seismic Reinforcement of Loader walls
- 19. Repairing of Cracked walls
- 20. Seismic Belt Retrofitting of Buildings with Load walls
- 21. Protection of Light Roof Buildings from Cyclonic winds
- 22. Making a fireproof house with bamboo
- 23. Description of rods according to RCC
- 24. RCC frame structure Building
- 25. RCC description of rods in the frame
- 26. Non Structure hazards
- 27. Classification of damage to buildings after earthquake
- 28. Fire Prevention
- 29. Septic tank and soak pit

Doing internships is no longer a choice but a necessity for college students. A large number of universities and colleges across India have made internships a part of their curriculum. With more and more employers looking for candidates with prior work experience, internships are the way out for students. They help them gain valuable professional experience and also understand the corporate work culture.

