

Department : Civil

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Group No: 7

Guided By

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**Project Title**  
**PLANNING, DESIGN AND ESTIMATION**  
**OF MULTI-STORIED RESIDENTIAL BUILDING**

**Abstract:**

As per present scenario the building construction is very costly and the cost of building is mainly influenced by material which will be use for its construction i.e. concrete, steel, wood etc. if we reduced the material of building in safe manner than cost can be minimized. Structural design is an art of designing, with economy and elegance, a safe serviceable and durable structure. The process of designing includes design of all the structural member such as beam, column, slab, footing etc. the main aim is to design and analysis of multi storied building manually and by software and compare the results and check variation.

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