Analysis and Design of Multi Story Residential Building using STAAD.Pro

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Abstract: *STAAD or (STAAD.Pro) is a structural analysis and design computer program originally analysed and a 3-D model is generated using STAAD Pro. The various loads acting on the structure is calculated and the structure is analysed for the various load combinations. Design of the building is done. The obtained results are analysed. Manual calculation and design of slabs, beams, staircase and columns are done. Also the design of the pile foundation and pile cap is done.*

Keywords: *STAAD.*

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