

# Structural Analysis of High Rise Building with Core and Outrigger System: A Review

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**Abstract:** *In India, the tall building has always been a vision of dreams and technical progress, leading to the progress of the world. Currently, with rapidly growing urbanization, the tall building has become a more convenient option for office and residential housing. Tall buildings are usually designed for residential, office or commercial use. They are primarily a reaction to the rapid growth of the urban population and the demand for business as close to each other as possible. Much of India is prone to damage to seismic hazards. Therefore, it is necessary to take into account the seismic load to design the design of the height design. The high-rise building - uses different resistance systems because the side loads caused by the earthquake are a cause for concern.*

**Keywords:** Tall buildings, seismic, displacement, outrigger and shear wall

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