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# Analysis & Design of a High Rise Unsymmetrical Building with Dampers

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**Abstract :** Earthquake load is changing into an excellent concern in our country as a result of not one zone may be selected as earthquake resistant zone. One of the most important aspects is to construct a building structure, which can resist the seismic force efficiently. In the present analysis, a residential building with 20 floors is analyzed with columns having viscous dampers at different locations were for all the 2 cases. The building is analyzed in Zone 2 & Zone 5 with three soils in both static & Dynamic Analysis. Moments, Shear, Displacement was compared for all the cases. It is observed that the deflection was reduced by providing the viscous dampers.

**Keywords :** Earth quake, column, dampers, static and dynamic.

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