**Structural Analysis of a Multi-Storeyed Building using ETABS for different Plan Configurations**

**Abstract:**

ETABS stands for Extended Three dimensional Analysis of Building Systems. ETABS is commonly used to examine: Skyscrapers, parking garages, metallic & concrete structures, low and excessive upward thrust homes, and portal body systems. The case take a look at in this paper mainly emphasizes on structural conduct of multi-storey building for unique plan configurations like square, C, L and I-shape. Modelling of 15- storeys R.C.C. Framed constructing is achieved at the ETABS software for analysis. Post evaluation of the structure, most shear forces, bending moments, and most storey displacement are computed and then as compared for all the analyzed instances