

# Seismic Analysis of Positioning of RC Shear Wall and Bracing on Lateral Performance of Building Having Re-Entrant Corners

**Mr. Buddharatna Ingole<sup>1</sup> and Prof. Bharti Changode<sup>2</sup>**

PG Scholar, Department of Civil Engineering<sup>1</sup>

Assistant Professor, Department of Civil Engineering<sup>2</sup>

G H Raisoni University, Amravati, Maharashtra, India

**Abstract:** *The current scenario has incorrect configurations both in terms of and at altitudes, which may experience devastating earthquakes in the future. However, a collective assessment of the impact of vertical and horizontal inequalities on the seismic demand of building structures is needed. Form T, L consists of both horizontal irregularity and the angle of entry Re - and vertical irregularity as mass irregularity. Inequality causes a sudden change in the strength or rigidity of the structure, which is not desirable in an earthquake-resistant - system. In this article, seismic analysis of the location of the RC shear wall and tightening of the lateral characteristics of the building, which have the angles of the input substances, is analyzed using the STAAD - PRO software.*

**Keywords:** Re-entrant corner, diaphragm discontinuity response spectrum, displacement, drift, base shear, overturning moment

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