

Earthquake Resistance Structure

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Abstract: *The effect of earthquake can be prevented or minimized by taking certain preventive measures as per standard scientific guidelines. In Earthquake prone areas, these measures may prevent the loss of lives and material. Due to suddenness of their occurrence, they are least understood and most dreaded. The earthquake resistant construction is considered to be very important to mitigate their effects. This paper presents the brief essentials of earthquake resistant construction and a few techniques to improve the resistance of building and building materials to earthquake forces, economically. This is the need of hour to educate the masses to adhere to the standard measures during the process of construction in earthquake prone areas. Organization of different workshops and revision of curriculum in engineering courses from the view point of frequent earthquakes in different parts of the country may be of great help to minimize the damage.*

Keywords: Earthquake Resistant Structure

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