



SRINIVAS UNIVERSITY

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RESEARCH CENTRE FOR TALL STRUCTURES AND DYNAMICS



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Nowadays, tall building, as one of the inevitable economic models in the world, has made great impact on the development of the region from the point of view of fulfilling increasing demand for space in the urban areas of developing nations. Although the tall building itself is not so economical, it brings a lot of benefits to the land surrounded and improves the regional value. Tall buildings use multiple floors to increase total floorspace without increasing the size of the building's footprint, making the design ideal for a congested city where real estate is at a premium. Technological advancement and know-how of construction strategy is the only way that can take open the door for all the nations to start taking up tall building projects. In the present era where a need for cost effective floor space is utmost in urban areas of all the developing countries, there will be no better solution than constructing tall buildings. In present story an attempt has been made to review the evolution of tall building's structural systems and the technological driving force behind tall building developments from available literatures. An emphasis in this story is given on benefits of tall building, recent developments of tall buildings and future of tall buildings.

Members:

1. Mr. Bhavani Shankar
2. Mr. Dheekshith K

Journal Publications:

- Journal paper entitled “Comparative Study on Vertical Irregular Composite Structure with RCC Structure” has published in International Research Journal of Engineering and Technology, Volume 5 Issue 7 July 2018.
- Journal paper entitled “Comparative Study of Different types of Bracing Systems by Placing at Different Locations” has published in International Research Journal of Engineering and Technology, Volume 4 Issue 8 August 2017.
- Journal paper entitled “Comparative Study of Rigid and Flexible Floor Diaphragm” has published in International Research Journal of Engineering and Technology, Volume 5 Issue 1 January 2018.
- Journal paper entitled “Stabilization of Lithomargic Soil using Fly Ash and Construction Demolition Waste” has published in International Research Journal of Engineering and Technology, Volume 5 Issue 6 June 2018.