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Vertical tech stressed for high-rise buildings

POST NEWS NETWORK

BHUBANESWAR: A seminar on 'Global Trend in Towers and Opportunities' was held recently at IIT Bhubaneswar here.

Fortune Consultants Director Rajah Venkatraman spoke about the importance and key role played by the engineering disciplines like Civil, Mechanical, Electronics, Materials etc) in the design and building of tall towers of international standards.

He emphasised vertical technology (VT) for towers and buildings and said that they were economical as well.

He said that there are technological aspects, financial aspects, psychological factors and natural phenomena (tsunami, earthquake etc) which play a major role in determining designs of tall structures. The technical requirements start from basic design parameter assumptions, oc-

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cupancy considerations, expectancy in waiting interval, the loading of elevator cars etc, to exact need in specific cases.

Later, he talked about safety and reliability of elevators and how technology has changed to make elevators safer.

Students asked many questions to Venkatraman. One of the students asked whether large towers can be connected together (for example say top floors of two adjacent towers). Venkatraman replied yes, but not rigidly due to safety considerations.

