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**Webinar**  
**On**  
**Building Design & Emerging Trends in Civil Engineering**

A webinar on “**Building Design & Emerging Trends in Civil Engineering**” was organized by **Training & Placement Cell, Faculty of Engineering & Technology, University of Lucknow** on **25<sup>th</sup>, April, 2020** for the students of B. Tech, Civil Engineering.

**Objective of the webinar:**

This webinar, held in 2 sessions, aimed at providing the students with the knowledge of various trends emerging in the field of building design along with providing a new positive perspective & learning approach during this global pandemic.

**About the webinar:**

**Audience:** *B. Tech. (Civil Engineering)*

**Highlights:**

**Session 1: ‘Pandemic Crisis’ Or ‘A Great Opportunity’**

Webinar was presided over by **Prof. R.S Gupta, Coordinator/Incharge, FOET, University of Lucknow** who inaugurated the webinar. Introduction of the programme was given by Er. Nidhi Srivastava.

**Mr. Rajendra Kumar**, a motivational speaker, started the session with great energy & enthusiasm. He came as a guiding light for the students, encouraging them to perceive this global lockdown situation as a great opportunity to learn & enhance their skills in various fields related to Civil Engineering & Building design. His positive approach helped the students to overcome the stress & anxiety regarding the future uncertainties due to Covid-19.

**Session 2: Building Design & Emerging Trends**

The session was taken over by **Mr. Ali Ansari**, a software expert in Building Design. He started the session with the introduction of various softwares involved in building design & their wide

range of applications in different aspects of drafting & drawing. Initially, the students learned about the drawing & drafting concepts with the help of AUTOCAD followed by the structural design of a building. This involved the use of STAAD Pro for structural analysis of individual components of a building like beams & columns. The students understood these concepts with the help live demo of the analysis showcased in the software.

Further, he emphasized on the architectural importance of a building, moving on to another software i.e. Revit Architecture. Live models of buildings designed with Revit were shown to the students with a new trending concept of 'Walkthrough' which is used in live projects nowadays. Finally, the session moved on to another important aspect of Construction projects, i.e. Project Management & Project Planning.