

Webinar
On
Concrete Technology and Design Standards by IS:456

A webinar on “**Concrete Technology and Design Standards by IS:456** (Code for Plain and Reinforced Concrete) ” was organized by **Training & Placement cell, Faculty of Engineering & Technology, University of Lucknow** on **1stMay 2020** for the students of B. Tech, Civil Engineering.

Objective of the webinar:

The objective of the webinar was to share the new developments in the field of concrete and to enhance the knowledge of students in the area of Reinforced Cement Concrete. It was also aimed to understand the design standards of Indian standard code and to inculcate its practical uses in Construction Projects.

About the webinar:

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

Highlights:

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. Jitendra Pratap Singh.

Prof. Veerendra Kumar, Civil Engineering Department, **IIT-BHU** talked about the new advances in the field of concrete technology. He shared his views on the various technical aspects related to cement & concrete. Various new alternatives of conventional cement such as Portland Pozzolana Cement (PPC), Lime Calcined Clay Cement (LC3) etc were also discussed with an emphasis on Low Carbon Content generated during their production. He also emphasized on the various technicalities involved in the curing of concrete during different seasons. Discussion went through a wide range of topics like ‘the properties of freshly prepared concrete’ to ‘an alternative of conventional concrete such as Self Compacting Concrete’. Further, the design mixes for various constituents were given a thorough explanation in the context of IS456.

At the end of webinar students raised several queries and expert answered their all questions satisfactorily. The webinar was successfully concluded with a formal vote of thanks to all the participants and the dignitaries present during the webinar.