

EXPERT LECTURE ON CONCRETE TECHNOLOGY

Date: 25/09/2021
Semester: 5th Civil



Civil Engineering Department

Expert Lecture Report

Objective-

- The objective of the expert lecture 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.
- To provide the knowledge of beyond the syllabus in the subject of concrete technology.

Summary:

Expert 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 Calced 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.



	Feedback from Participants	Out of 10 (Average)
(a)	Knowledge	9.8
(b)	Practical Experience	9.5
(c)	Duration	9.7
(d)	Expert Knowledge and Experience	9.9

Course Participant:

Expert Lecture was organized for the students of 5th Semesters, Civil Engineering.

Total of 40 participants participated and each one was explained the advanced technologies in concrete technology, its importance and the need to focus our shift to sustainability.

EXPERT:

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