

DEPARTMENT OF CIVIL ENGINEERING

09/07/2024

A Report on One day Program on “Hands on Training on Concrete Mix Design”

The Department of Civil Engineering & IIC NNRG, had conducted a one day program on ‘Hands on training on concrete mix design’ in association with Ultratech Cements on 08/07/2024 for II & III Year Students.

The program started at 10:00 AM in the conference hall. Mr. Mahesh from Ultratech Cements started the program by introducing about the usage of cement and concrete in different construction sectors. The person also explained about the types of concrete, strength of concrete, factors affecting strength of concrete and other mix design aspects through presentation.

After a short tea break, the students were given a short study material on how to design the concrete mix. M25 & M30 Concrete are prepared. All the students are asked to complete the task on mix design given by the person. The morning session ended up at 01:00 PM followed by lunch.

In the afternoon session, all the students were taken to the concrete technology laboratory; the completed task by the students is checked the trainers and the concrete is mixed according to the prescribed methodology. The casted concrete cubes are to be tested for the standard age after proper curing. Slump cone test is done for every sample of mix. 40 Students from II & III Year had participated in the program. The session ended up at 03:45 PM



Talk by Mr. Mahesh from Ultratech Cements



Dr. G. Janardhana Raju , Dean – SoE
addressing the gathering



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Students performing the Slump cone test in the field



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Students and faculty in the field

HoD-CE