



Department of Civil Engineering
SCMS School of Engineering and Technology (SSET)
Vidya Nagar, Palissery, Karukutty,
Ernakulam - 683 576, Kerala.

WEBINAR

4

**ECONOMICAL & DURABLE CONCRETE
WITH BLENDED CEMENTS**

Er. Sebin Jose

Asst. General Manager
- Customer Services



Zuari Cement
HEIDELBERGCEMENT Group



11.30 AM to 12.30PM

12th May 2020

*Join for the webinar at 11.15 AM to avoid last minute hassles.
Webinar open for students of SSET only.*



SSET Student Chapter



SCMS School of Engineering and Technology
Department of Civil Engineering
**REPORT ON THE WEBINAR ON “ECONOMICAL AND DURABLE
CONCRETE USING BLENDED CEMENTS”**

Date: 12th May 2020

A webinar on the topic “Economical and durable concrete using blended cements” was organised by the Department of Civil Engineering, SCMS School of Engineering and Technology on 12th May 2020 from 11.30 am to 12.30 pm. The speaker was Er. Sebin Jose who is currently the Assistant General Manager, Customer Services, Zuari Cements. There were 55 participants for the webinar including students and faculty of the department of Civil Engineering. The webinar provided insights into blended cement concrete for durable corrosion free concrete structures in aggressive environments.

Webinar started with the discussion on the basic concepts of ordinary portland cement, its manufacturing process and properties. Use of different materials to be added as ingredients for manufacturing blended cements was also dealt with. A comparison of the properties of concrete with ordinary portland cement and blended cement was made. Different advantages of using blended cement in concrete were explained in detail and the discussion mainly focussed on pointing out advantages of blended cement in durability and economical aspects. Chemical reactions that contribute to the strength development in concrete using blended cement were also explained.

The session concluded with a doubt clearance session where the students got the opportunity to clear their doubts regarding the use of blended cements. The problems related to the mixing of ordinary portland cement and blended cement in construction sites was a topic of discussion.

Zoom Meeting: [Name] is sharing [Name]'s screen

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THE INDUSTRY INSTITUTE LINKAGE INITIATIVE
HEIDELBERG CEMENT INDIA LIMITED

Presentation on Economical & Durable Concrete using Blended Cements

Selin Jose
AQM - Customer Services
HCL - Cochin

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