

Two day advanced online course on
**Quality control and assessment of field
concrete (QCAFC-2022)**

Online
course

during
03-04 March 2022



Course Coordinators

Dr. K. Sivasubramanian
Dr. K.N. Lakshmikandhan

Organised by

**CSIR-Structural Engineering Research Centre,
CSIR Campus, Taramani, Chennai-600113.**



Overview

CSIR-Structural Engineering Research Centre, Chennai, is one of the national laboratories under Council of Scientific & Industrial Research (CSIR), India. CSIR-SERC has built-up excellent facilities and expertise for the analysis, design and testing of structures and structural components. CSIR-SERC is conducting skill development programmes with the motive of creating skilled work force for the industrial / societal requirements. As part of the *CSIR Integrated Skill Initiative*, CSIR-SERC is organizing the two day advanced course QCAFC-2021.

Background

In India, most of the structures are built with concrete. As concrete is a heterogeneous medium, its quality control is a serious issue in the field even to major corporate players. During field execution, the quality control becomes a difficult parameter to stress upon. Overall, whether it is a full-fledged in-situ construction or a precast structure with partial in-situ construction, the lack of proper quality control measures and assessment practices is evident from the field investigations carried out in the last decade.

Objectives

The course aims at inculcating knowledge necessary to train engineers working in the field, budding engineers (UG and PG) who would be field engineers tomorrow and academicians.

Requirements for the online mode:

Desktop/Laptop/Smartphone with good internet speed and sufficient data pack. Web link will be sent to registered participants to join the course.

Course contents:

The course is envisaged to provide knowledge on various aspects from a field perspective like present day practices in concrete technology, quality control and assessment of concrete, influence of admixtures, practical difficulties in field, precast technology, material characterization techniques, and numerical techniques for condition assessment.

Fees:

Rs.1000/- per participant inclusive of GST for Indian delegates and **US\$25/-** for foreign delegates. Presentation material and participation certificate shall be provided to all registered participants. The brochure and details of registration can be downloaded from CSIR-SERC web site <https://serc.res.in/course>

Registration:

The course registration can be completed via online (<http://forms.serc.res.in/view.php?id=33087>).

Please choose/select the intended course title in the online registration form and fill all the particulars and pay the registration fee by clicking the **SBI collect** in the registration form.

For further details, please contact

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