

Advanced Course on Recent Advances in Concrete Technology & Durability of Concrete Structures 2023 (RACT & DCS 2023)

23-25 August 2023



Organized by

CSIR - Structural Engineering Research Centre
CSIR Campus, Taramani
Chennai - 600113, India

About the organization

CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai, is one of the national laboratories under the Council of Scientific & Industrial Research, India. CSIR-SERC has built-up excellent facilities and expertise for the analysis, design and testing of structures and structural components. Scientists of CSIR-SERC serve on many national and international committees and the Centre is recognised at the national and international levels as a leading research institution in the field of Structural engineering. CSIR-SERC is an ISO certified institution

Overview

CSIR-SERC is conducting skill development programmes with the motive of creating skilled work force. Recent Advances in Concrete Technology & Durability of Concrete Structures (RACT & DCS) is one such programme being carried out for the past six years. The primary objective of the course is to provide an opportunity for researchers, practising engineers, academicians and consultants, belonging to the public and private sector institutions, and other engineering professionals to familiarise themselves with the recent developments in concrete technology, durability related issues as corrosion of reinforced concrete structures, condition assessment by non-destructive testing (NDT) and repair & rehabilitation.

Course Content

The course will cover various topics such as Special concretes viz foam concrete, ultra high performance concrete, geopolymer concrete, textile reinforced concrete, recycled concrete, concrete durability, durability of RC structures including underground concrete, recent advances in durability based service life design, microstructural characterisation techniques for cementitious composites, Nano-engineered electrically conductive composite, Health monitoring and performance evaluation of structures, Field experience and issues during concrete construction, Time dependent properties of fly ash concrete, CO₂ Sequestration and 3D printing of concrete.

Venue & Duration

Training & Development Complex, CSIR Campus.

Three days; Time 09:00 a.m. to 05:30 p.m.

Fee & Registration details

Rs. 15000/- per participant inclusive of GST for Indian participants and US \$ 400/- for foreign delegates. The fee includes the cost of course material, lunch and refreshment during the course period. The brochure and details of the registration can be downloaded from the CSIR-SERC web site www.serc.res.in/course

Faculties

Faculty for the course would comprise mainly scientists from CSIR-SERC and experts from reputed research/ academic institutions / industry

Course Coordinators

Dr (Ms). P.S. Ambily & Dr. S. Bhaskar,
Scientists, Advanced Materials Laboratory
CSIR-Structural Engineering Research Centre
CSIR Campus, Taramani, Chennai
Tamil Nadu, India 600113

For further details, please contact

Email: ambilyps@serc.res.in
/bhaskar@serc.res.in
Tel.:(91) (44) 22549153/9167;
Mobile Nos.
9444042805/9444671577



Scan QR
code for
Promo

