



Engineering Staff College of India
An Autonomous Organ of The Institution of Engineers (India)
(ISO 9001:2015 Certified Institution)
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. India



CIVIL & TRANSPORTATION ENGINEERING

Continuing Professional Development Programme On

Concrete Mix Design & Acceptance Criteria of Concrete for Different Types of Structures

15 – 18 October, 2019



(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

INTRODUCTION:

Concrete is one of the most accomplished, cost economical, durable and effectively used material in the construction activity all over the world. It is among the few building materials produced directly on the job by the user. To know proper mix and its design, it is important for the user to determine desirable properties for components and methods to adopt the safety factors involved in producing concrete. Engineering Staff College of India (ESCI), keeping in view of the above requirements, is privileged to announce a programme on “**Concrete Mix design & Acceptance Criteria of Concrete for different types of structures**” from **15 - 18 October, 2019**.

OBJECTIVE:

The objective of this training programme is to provide technical knowledge and exposure on nationally accepted standard procedures and practices. The main purpose is to ensure the optimum proportions of the constituent materials to fulfill the design requirement of structure being built and to produce the concrete viable.

COURSE COVERAGE:

- Concepts of Mix Design & Acceptance Criteria
- Concrete Ingredients
- Chemical and Mineral Admixtures
- Mix Design procedures as per BIS
- IS Codes & Specifications / Requirements
- Testing Methods of ingredients and finished concrete
- Quality control procedures
- Visit to RMC batching Plant

METHODOLOGY:

The programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style. Every participant will be given study material.

TARGET PARTICIPANTS:

This programme is planned especially for Construction and QA/QC engineers, builders and consultants to know the procedures for mix design and acceptance criteria. The course is suitable to all engineers and officers working at middle and senior level working in government, public and private sectors.

BENEFIT TO THE PARTICIPANTS:

At the end of the course participants will be able:

- To know the procedures of mix design and acceptance criteria
- To determine the proportions of concrete mix constituents
- To produce concrete with the specified properties.
- To produce a satisfactory end product such as beam, column or slab as economically as durable.

RESOURCE PERSONS:

Renowned personalities both from industry as well as educational institutes / universities, who are experts in this field, will be involved in providing the training.

PROGRAMME VENUE & DATES &TIMINGS:

VENUE: Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad 500032, India.

DATES:

15 - 18 October, 2019

TIMINGS:

On the first day Registration will commence at 0900 hrs. On all other days, the programme timings will be from 0945 - 1715 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR

Shri P. Murali Krishna

Faculty & Head I/C, CTE Division

COURSE ADVISER

Shri A.R.K. Murty

Adviser, CTE Division

FEES:

₹. 20,000/- (Rupees Twenty Thousand Only) (Residential fee) per participant. Fee includes, course material, course kit and twin-sharing AC accommodation, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

Discounts

- ❖ **Non-Residential Fee-** 10% discount on course fee is allowed for non-residential participants.
- ❖ **Group Discount:** Additional 10% discount for three or more participants, if sponsored by the same organization.

GST 18% is to be paid extra over and above the training fee, as training is also brought under the purview of **Service Tax. PAN Card No AAATT3439Q; Service Tax registration No AAATT3439QST008 (under commercial training or coaching services – clause 65(105) (ZC) of Finance act – 1994).**

GSTN Number – 36AAATT3439Q1ZV (HSN Number – 999293)

Programme fee is to be paid in favor of “**IE (I) – Engineering Staff College of India**” in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 – MICR No.500002075.** While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.

REGISTRATION:**Online registration shall be available on ESCI website**

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee.

Addressed to:

Head, Civil & Transportation Engineering Division

Engineering Staff College of India

Old Bombay Road, Gachi Bowli, Hyderabad - 500 032

Phone: 040- 66304115, 4114, 4138, 4134

Programme officer : **9866771815**

Email : cte@escihyd.org

CERTIFICATE:

A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS:

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop **on payment basis** from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation) please feel free to contact programme officer 040-66304115, **9866771815**.
- Well developed Information Centre and Internet facilities are available at free of cost to the participants.