

**QUALITY IMPROVEMENT PROGRAMME
SHORT TERM COURSE ON
PARADIGM SHIFT IN GREEN AND
SUSTAINABLE CONCRETE STRUCTURES**

27th – 31st OCTOBER, 2014

REGISTRATION FORM

Name :
Designation :
Department :
Address :

Cell No. :
Email ID :
Accommodation required : YES/NO

PAYMENT DETAILS

Name of the bank :
DD No. :
Date :

DECLARATION

I _____ agree to abide by the rules and regulations governing the training programme. If selected, I shall attend the programme for the entire duration. The information provided herewith is true to the best of my knowledge.

Signature of the Applicant

SPONSORSHIP

This is to certify that Dr./Mr./Mrs. _____ is regular employee of our Institution and is hereby sponsored for attending the course at Coimbatore Institute of Technology, Coimbatore during 27th – 31st October, 2014. He / She will be permitted to attend the course for the entire duration if selected.

Place: _____
Date: _____
Signature with seal
Head of the Institution

ORGANIZING COMMITTEE

Chief Patron
Dr. S. R. K. PRASAD
Correspondent, CIT, Coimbatore

President
Dr. R. PRABHAKAR
Secretary, CIT, Coimbatore

Patron
Dr. V. SELLADURAI
Principal, CIT, Coimbatore

Chairman and Convener
Dr. K. SUBRAMANIAN
Professor and Head of the Department
Department of Civil Engineering, CIT

Coordinators
Dr. M. P. MUTHURAJ
Assistant Professor, Department of Civil Engineering, CIT
Dr. R. SARASWATHI
Associate Professor, Department of Civil Engineering, CIT
Mrs. K. NITHYAPRIYA
Assistant Professor, Department of Civil Engineering, CIT

ADDRESS FOR CORRESPONDANCE

Dr. M. P. MUTHURAJ
Assistant Professor
Department of Civil Engineering
Coimbatore Institute of Technology
Coimbatore- 641014.
E-mail: citcivil2014@gmail.com
Mobile: 9443935760

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SHORT TERM COURSE**

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STRUCTURES**

27th – 31st OCTOBER, 2014



CONVENER

Dr. K. SUBRAMANIAN

COORDINATORS

Dr. M. P. MUTHURAJ
Dr. R. SARASWATHI
Mrs. K. NITHYAPRIYA

Organized by

**DEPARTMENT OF CIVIL ENGINEERING
COIMBATORE INSTITUTE OF TECHNOLOGY**

(A Government Aided Autonomous Institution affiliated to
Anna University & accredited by NBA)

COIMBATORE - 641 014

TAMILNADU, INDIA

TEL: 0422-2574071, 72

Website: www.cit.edu.in

ABOUT CIT

Coimbatore Institute of Technology (CIT) started in 1956 by Sri. V. Rangasamy Naidu is reckoned for its academic excellence in engineering and technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. CIT offers under graduate, post graduate and PhD programs with a global standard curriculum promoting the students to compete internationally. The institute has celebrated its Golden Jubilee in the year 2006 and all the courses are accredited by NBA. The institute has collaborated with leading frontier universities and industries in India and abroad for the promotion of innovative engineering ideas. CIT has laurel foliage on the head as an emblem of victory. Recently, CIT has been awarded with the “Bizz-2012” the world business leader award and “ABB News National B-School award” for outstanding Engineering Institution in South India

ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering is one of the earliest departments in CIT which offers under graduate, post graduate and Ph. D. programmes. The department has a team of highly experienced faculty members with rich academic and industrial experience in various frontier engineering areas. The faculty members and students of the department are dedicated to work in the current needs of the industry and have the ability to improve their expertise in field of Civil Engineering. They continuously excel in specialized areas of Structural Analysis, Structural Design, Structural Optimization, Concrete Technology, Steel Structures, Earthquake Engineering, Prefabricated Structures, Composite Materials, Prestressed Concrete Structures, Geo-technical Engineering, Groundwater Improvement, Remote Sensing, GIS based Survey, Transportation Engineering, Electronic Surveying, Construction Project Management, Design of Formwork, Sustainable Development, Environmental Impact Assessment, Unit Process and Green Materials

RESOURCE PERSONS

Eminent persons from IITs, NITs, Research Institutes, Anna University, Government, Government Aided Institutions and leading Structural Consultants

ELIGIBILITY AND SELECTION

Faculty and Research Scholars in the field of civil engineering from AICTE approved Institutions are eligible to participate in the programme. The total intake is restricted to 30 and selection will be based on first come first served basis

IMPORTANT DATES

Last Date for Receipt of Application: 13.10.2014
Intimation of Selection: 15.10.2014

ALLOWANCE AND ACCOMODATION

- TA in the form of III Tier A/C Train fare will be provided for outstation participants with the proof of onward journey of train tickets and as per norms for local participants
- Food and Accommodation will be given in College Premises on all five days
- A refundable Registration fee in the form of DEMAND DRAFT for Rs. 1000/- (Rupees one thousand only) is to be drawn in favour of “THE PRINCIPAL, CIT, Coimbatore -641 014”, payable at Coimbatore. Registration fee will not be refunded, if the participant is not attending the programme after intimation of the selection.

ABOUT THE COURSE

Sustainable development requires strengthening and broadening the education of engineers and finding innovative ways to achieve needed development while conserving and preserving natural resources. The concrete manufacturing depends on the effective utilization of cement, admixtures, coarse and fine aggregates and water. The addition of mineral admixtures in concrete not only imparting compressive strength and also has the effect on the durability of the concrete structure. The admixtures show a large variation in terms of ratios of compressive strength to flexural strength and modulus of elasticity. The various additives in the concrete has affecting the performance of the concrete right from batching of raw ingredients, mixing, placing, compaction, setting, hardening and curing. Practically these things can be experienced with the help of better understanding of utility of raw ingredients in the concrete. Further, this QIP will provide the platform to initiate sustained interaction among the stake holders.

COURSE TOPICS

- Sustainable Concrete
- Green Materials in Concrete
- High Performance Concrete
- Self Compacting Concrete
- Geopolymer Concrete
- Light Weight Concrete
- Self Curing Concrete
- Pervious Concrete
- Bacterial Concrete
- Other Special Types of Concrete