

TEQIP-II SPONSORED

FACULTY DEVELOPMENT PROGRAMME

on

HEALTH MONITORING AND FORENSIC ENGINEERING OF CONCRETE STRUCTURES

12th - 18th September 2016



NPIU

COORDINATORS

Dr. V.G.SRISANTHI
Dr. V.G.KALPANA
Mr. P.JAGADESH

Organized by

**DEPARTMENT OF CIVIL ENGINEERING
COIMBATORE INSTITUTE OF TECHNOLOGY**
(Government Aided Autonomous Institution
Affiliated to Anna University & Accredited by NBA)
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RESOURCE PERSONS

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

ELIGIBILITY AND SELECTION

Faculty 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

- Receipt of Application: **08.09.2016**
- Intimation of Selection: **10.09.2016**

REGISTRATION

Registration fee in the form of DEMAND DRAFT for Rs. 1000/- is to be drawn in favour of "THE PRINCIPAL, CIT, Coimbatore-641014" payable at Coimbatore. The application in the attached format is to be sent to the coordinator on or before **08.09.2016**. No TA/DA will be provided.

ABOUT COIMBATORE INSTITUTE OF TECHNOLOGY

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. CIT has been awarded consecutive seventh time "Outstanding Engineering Institute (South) - 2014" and "Best Education Institute in Engineering" by Asian Education Leadership awards 2014. For maintaining global standards and excellence CIT is awarded as "BIZZ AWARD 2015"

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 which are accredited by NBA, New Delhi. 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. Recently, Students of CIT won **second prize** in national competitions conducted by INSDAG for steel design.

COURSE OBJECTIVE

- To make the participants conversant with principles of health monitoring
- To evaluate the state or condition of structures with numerous practical examples in order to have better and in-depth knowledge.
- To understand the diagnostics nature of concrete structures.
- To provide a strong foundation on serviceability and durability of concrete.
- To understand advance materials and techniques for repairs to structures.
- To provide a base on the application of sensors in health monitoring

COURSE TOPICS

- Maintenance of structures
- Diagnostics of damages
- Health monitoring of structures
- Materials and Techniques for repair
- Safety and Precautions
- Case Studies
- Testing methods

TEQIP-II SPONSORED ONE WEEK FACULTY DEVELOPMENT PROGRAMME

on

Health Monitoring and Forensic Engineering of Concrete Structures

12th - 18th Sep, 2016

REGISTRATION FORM

Name :
Designation :
Department :
Address :
Phone :
Email :
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. I undertake to inform the co- coordinator well in advance in case I am unable to attend the course. The information provided herewith is true to the best of my knowledge.

Signature of the Applicant

SPONSORSHIP

This is to certify that _____ is regular employee of our Institution and is hereby sponsored for attending one week TEQIP-II sponsored Faculty Development Programme on "*Health Monitoring and Forensic Engineering of Concrete Structures*" at Coimbatore Institute of Technology, Coimbatore during **12th – 18th Sep 2016**. He / She will be permitted to attend the course for the entire duration if selected.

Place:

Date:

Signature with seal
Head of the Institution