

## A Professional Development Program

# Structural Audit & Non-destructive Testing

(With Real Life Case Studies)

Sat, 17<sup>th</sup> September 2022

Organized by



Supporting Partners



Engineering Council of India



Construction Industry Development Council

Venue

All India Institute of Local Self-Government  
Sthanikraj Bhavan, C.D. Barfiwala Marg  
Juhu Gali Andheri (W), Mumbai 400058

Contact/ Registration

Dhargalkar Technoosis (I) Pvt. Ltd.

Tel: (022) 62517858/ 28461500, 9819732195

E: [technoosis@gmail.com](mailto:technoosis@gmail.com) W: [www.technoosis.co.in](http://www.technoosis.co.in)

## Objective

In view of the high number of dilapidated buildings and recent collapses, safety of people and fitness of buildings for human habitation have emerged as crucial concerns. As a result, the need for regular structural assessment is being felt more strongly than ever before. Maharashtra Act No. VI, through its amendments to various municipal corporation acts has made 'Structural Audit' mandatory for all buildings, which are older than 30 years. Municipal corporations have also brought out their guidelines and framed their requirements for Structural Audit.

This CPD Program is designed to guide the participants to understand various statutory provisions governing Structural Audit, conduct the condition survey, document and interpret the findings and prepare an Audit Report. It will also deal with the advantages and limitations of Structural Audit and Non-Destructive Testing (NDT).

*The Program will offer practical insights into the subject through case studies and active interaction with the participants. Participants will also get the benefit of attending a Free Online Follow-up Session for further sharing and interaction with the faculty.*

## Program Content

Technical sessions shall cover the following aspects:

- Structural Assessment & Structural Audit
- Provisions in Maharashtra Act No VI & MMC Act
- Structural Audit: Scope & Limitations
- Structural Audit: Methodology, Guidelines
- Structural Audit Report
- NDT: Methods, Interpretation, Pros & Cons
- Case Studies

*A Free Online Follow-up Session is also offered to participants for further sharing and interaction.*

## Faculty

Program will be conducted by the following Industry Experts each having about 35 years' experience:

- Umesh Dhargalkar – B Tech (Civil), M Tech (Stru) IIT Bombay, Consulting Structural Engineer & Sr. Professional Engineer
- Laxmikant Umarji – B E (Civil), Consulting Engineer & Sr. Professional Engineer

## Benefits

Participants of this course will learn the following:

- Levels of Structural Assessment
- Provisions governing Structural Audit
- How to conduct Structural Audit & prepare Report
- NDT & correlation with visual observations
- Limitations of Structural Audit & NDT
- Practical insight through case studies

The following will be provided to each participant:

- Formats for conducting structural audit
- Proceedings & Model structural audit report
- A Free online Follow-up Session

## Who Should Attend

- Practicing civil/ structural engineers, consultants
- Civil engineers from govt. and private sector
- Engineers in charge of building maintenance (banks, hotels, hospitals, malls, corporate etc)
- Faculty from colleges & polytechnics
- Contractors working in structural rehabilitation
- Fresh graduates/ students

## Certification

Certificates of 6 CPD Hours will be awarded to participants. This Program is approved and supported by ECI & CIDC and will help Professional Engineers fulfill their requirement of CPD Hours.

## Schedule

This Program is non-residential and will be conducted on Sat, 17<sup>th</sup> September 2022 from 9 AM to 5 PM.

## Participation Fees

Participation fees per person inclusive of training, lunch, refreshments and GST are as under:

- Up to 12<sup>th</sup> September 2022 ... Rs. 5,900/-
- From 13<sup>th</sup> September 2022 ... Rs. 6,490/-

Special discounts are offered as follows:

- Past Participants of Our Programs ... 10%
- PEs registered with ECI ... 10%
- Students/ Faculty ... 25%

Group Discounts are as under:

- Group of 3 or 4 ... 10%
- Group of 5 or more ... 15%

Seats are limited. Registration shall be on 'first come first served' basis. For group/ organizational registrations or GST invoice, please contact us.

Please pay by cheque/ bank draft drawn in favour of "Dhargalkar Technoosis (I) Pvt. Ltd." **OR** transfer to A/c No. 803249320, Indian Bank, Kandivali (E), Mumbai 400101, IFSC Code IDIB000K161 **OR** by UPI to technoosis@okhdfcbank



## Venue

All India Institute of Local Self-Government, C.D. Barfiwala Marg, Juhu Gali, Andheri (W), Mumbai 400058. *At short distance from Andheri W Rly & Metro Station and short drive from Mumbai Airport.*

*For outstation participants, accommodation is available in the premises.*

## About Technoosis

**Dhargalkar Technoosis (I) Pvt. Ltd.** (*Technoosis*) is an organization providing consultancy and professional training in various fields of Construction Industry. Technoosis programs are certified by ECI & CIDC. We have also been awarded the "CIDC Vishwakarma Award" for 'Construction Education'.

We have imparted over 30,000 manhours of professional training to more than 1500 participants from across India. Our programs are designed and conducted by experts with high professional background & are supported by professional bodies.

*For a list of our Programs, visit [www.technoosis.co.in](http://www.technoosis.co.in)*

## Supporting Partners

**Engineering Council of India (ECI)** is an Apex body of engineers, formed by 32 Professional Organizations/ Institutions of Engineers. ECI is forming a National Register of Professional Engineers & encourages Continuous Professional Development.

**Construction Industry Development Council (CIDC)** is an Apex body formed by the Planning Commission, Government of India and the Indian construction industry. One of its goals is training of manpower at all skill levels of Construction Industry.

*This 6 CPD Hour Program is approved and supported by ECI & CIDC.*

## Contact for Registration

**Dhargalkar Technoosis (I) Pvt. Ltd.**

D-104, Radha Govind, Near Siddharth Nagar  
Off W.E. Highway, Borivali (E), Mumbai 400 066

Tel: (022) 62517858/ 28461500, 9819732195

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## Registration Form

Please register me for the CPD Program "**Structural Audit & Non-destructive Testing**" to be held at Mumbai on 17<sup>th</sup> September 2022.

Name\*: \_\_\_\_\_

*\*As it should be printed on your Certificate*

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Tel: \_\_\_\_\_ Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

### Registration:

*Past Participant / ECI PE / Student / Faculty / Other*

Rs. \_\_\_\_\_ by Chq/ DD/ Bank Transfer/ UPI

### Payment by Cheque/ Draft:

Chq/ DD No. \_\_\_\_\_ Dt: \_\_\_\_\_

Bank \_\_\_\_\_

### Payment by Bank Transfer/ UPI:

Ref ID: \_\_\_\_\_ Dt: \_\_\_\_\_

Bank/ UPI: \_\_\_\_\_

*I agree that, in the event of cancellation of the Program, Organizers' liability shall be limited to refund of participation fees only.*

\_\_\_\_\_  
Signature Date