

A Professional Development Program

Structural Audit & Non-destructive Testing

(A Professional Perspective)

Sat, 14th October 2023

Organized by



Supported by



ECI



CIDC



ISSE



Venue

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

Contact/ Registration

Dhargalkar Technoesis (I) Pvt. Ltd.

P/ WA: 85910 86913, 98197 32195, 022-62517858

E: cpd.technoesis@gmail.com W: www.technoesis.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 participants to understand relevant statutory provisions, conduct a condition survey, document and interpret the findings and prepare an Audit Report and Fitness Certificate. It will also deal with the advantages & limitations of Structural Audit and Non-Destructive Testing (NDT).

The Program will offer practical insights from a professional perspective; through active deliberations 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 & Certificate of Fitness
- NDT: Methods, Interpretation, Pros & Cons
- Professional Challenges

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

Faculty

Program will be conducted by the following consulting engineers and industry experts in built environment:

- Umesh Dhargalkar – B Tech (Civil), M Tech (Stru) IIT Bombay, Consulting Structural Engineer, Chartered Engineer & Sr. Professional Engineer, Experience of 35 years
www.linkedin.com/in/umeshdhargalkar
- Shivaji Wandre – B E (Civil), M E (Construction Mgmt), Consulting Structural Engineer & Chartered Engineer, Experience of 25 years
www.linkedin.com/in/shivaji-wandre-9249aa59

Benefits

Participants of this course shall learn the following:

- Structural Audit: Scope & Limitations
- Statutory Provisions
- How to conduct Structural Audit
- How to prepare Report & Fitness Certificate
- NDT & correlation with visual observations
- Deliberations on Professional Challenges

The following will be provided to each participant:

- *Formats for conducting Structural Audit*
- *Proceedings of Technical Sessions*
- *Model Structural Audit Report*
- *Suggested Fitness Certificate*

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

Venue

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

The venue is easily accessible by road, railway, metro and air. It is at close distance to Andheri Western Railway & Metro Stations and at a short drive from Mumbai Airport.

For outstation participants, accommodation is available in the premises. For booking, please call AIILSG directly on 81048 00104, 022-26206716.

Schedule

- This is a one-day non-residential CPD Program
- It will be conducted on Saturday, 14th October 2023 from 9 AM to 5 PM.
- Registration and breakfast shall start at venue at 8:30 AM.
- Session-wise Schedule and further instructions shall be sent to registered participants through a WhatsApp Group.
- The date and time of the Online Follow-up Session shall be announced during the Program.

If the Program is cancelled, Organizers' liability shall be limited to refund of participation fees only.

Certification

Certificates of 6 CPD Hours will be awarded to participants.

This Program is accredited and supported by ECI & CIDC and will help Professional Engineers fulfill their requirement of CPD Hours.

Participation Fees

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

- Up to 10th October 2023 ... Rs. 6,490/-
- From 11th October 2023 ... Rs. 7,670/-

Special discounts are offered as follows:

- Past Participants of Our Programs ... 10%
- Members of ECI, ISSE, IC-ACI ... 10%
- Students/ Faculty ... 20%

Additional Discounts for Group Registrations:

- 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.

Fees may be paid by cheque/ draft drawn in favour of "Dhargalkar Technoosis (I) Pvt Ltd" **OR** transfer to Current A/c 59200027051997, HDFC Bank, Kandivali East, Mumbai 400101, IFSC HDFC0000182 **OR** by scanning this QR Code.



Registration

For registration, you may use the Form:

<https://forms.gle/p5a9fcjPgE1m6LKCA>

Or contact us:

Dhargalkar Technoosis (I) Pvt. Ltd.

D-104, Radha Govind, Near Siddharth Nagar

Off W.E. Highway, Borivali (E), Mumbai 400 066

P/ WA: 85910 86913, 98197 32195, 022-62517858

E: cpd.technoosis@gmail.com, technoosis@gmail.com

Organizers

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

We have imparted over 30,000 manhours of professional training to more than 2000 participants from across India. Technoosis programs are designed and conducted by experts with high professional background & are supported by professional bodies.

For list of our Programs, visit www.technoosis.co.in

Accreditation & Support

Engineering Council of India (ECI) is an Apex body of engineers, formed by 32 Professional Organizations/ Institutions of Engineers. ECI has formed a National Register of Professional Engineers & encourages Continuous Professional Development. Participants are encouraged to register with ECI as a Professional Engineer.

www.ecindia.org

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.

www.cidc.in

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