

A Professional Development Program

Structural Audit & Non-destructive Testing

(With Real Life Case Studies)

Sat, 30th June 2018

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 Technoesis (I) Pvt. Ltd.

Tel: (022) 28461500/ 1317/ 3012, 9819732195

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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 prime 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.

It is the need of the hour to take a closer look at various aspects of structural assessment with particular reference to the scope, methodology and limitations of Structural Audit. It is also necessary to understand various provisions under the recent amendments and to deliberate on different issues and impediments concerning implementation thereof.

This Program is designed to guide the participants to carry out Structural Audit, interpret their findings and NDT results and prepare an Audit Report. It will also offer practical insight into the subject through case studies and active interaction with the participants.

Program Content

Technical sessions in the Program 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
- Active Interaction: Experiences & Viewpoints

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 do Structural Audit & prepare a report
- NDT & correlation with visual observations
- Limitations of Structural Audit & NDT
- Practical insight through case studies
- Further Structural Assessment: An introduction

The following will be provided to each participant:

- Guidelines & formats for structural audit
- Proceedings & Model structural audit report

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 will be non-residential and will be conducted on Sat, 30th June 2018 from 9:30 AM to 5:30 PM.

Participation Fees

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

- Up to 23rd June 2018 ... Rs. 5,900/-
- From 24th June 2018 ... 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.

Fees may be paid by cheque/ bank draft drawn in favour of "Dhargalkar Technoosis (I) Pvt. Ltd." payable at par at Mumbai **OR** by direct bank transfer to A/c No. 803249320, Indian Bank, Kandivali (E), Mumbai 400101, Bank IFSC Code IDIB000K161.

In the event of cancellation of the Program, Organizers' liability shall be limited to refund of participation fees only.

Venue

Conference Hall, All India Institute of Local Self-Government, Sthanikraj Bhavan, C.D. Barfiwala Marg, Juhu Gali, Andheri (W), Mumbai 400058 (*Short distance from Andheri W Rly & Metro Station*).

For outstation participants, accommodation is available in the premises.

About Technoosis

Dhargalkar Technoosis (I) Pvt. Ltd. is an organization providing consulting services and professional training in various fields of Construction Industry. Technoosis programs are certified by ECI & CIDC. It has imparted over 30000 man hours of professional training to more than 1500 participants from across India. Technoosis programs are designed and conducted by experts with high professional background & are supported by professional bodies.

For a list of our ECI approved CPD Programs, visit 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) 28461500/ 1317/ 3012, 9819732195

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Registration Form

Please register me for CPD Program "**Structural Audit & Non-destructive Testing**" to be held at Mumbai on 30th June 2018.

Name*: _____

**As it should be printed on your Certificate*

Address: _____

Tel: _____ Mobile: _____

Email: _____

Registration:

Past Participant / ECI PE / Student / Faculty / Other

Amount: Rs. _____ by Chq/ DD/ Bank Transfer

Payment by Cheque/ Draft:

Chq/ DD No. _____ Dated _____

Bank _____

Payment by Bank Transfer:

Transaction No: _____ Dt: _____

Bank: _____

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

Signature Date

Professional Development Program by Technoesis
Structural Audit & Non-destructive Testing

Dt	Ses#	Hrs	Duration	Content	Faculty
Saturday 30th June 2018			09:30 AM - 10:00 AM	<i>Registration & Breakfast</i>	
	1	1.5	10:00 AM - 11:30 AM	Structural Assessment & Structural Audit: Scope & Limitations, Provisions in Maharashtra Act No VI & MMC Act	Umesh Dhargalkar
			11:30 AM - 11:45 AM	<i>Tea</i>	
	2	1.5	11:45 PM - 01:15 PM	Structural Audit: Methodology, Guidelines Structural Audit Report	Laxmikant Umarji
			01:15 PM - 02:00 PM	<i>Lunch</i>	
	3	1.25	02:00 PM - 03:15 PM	NDT: Methods, Interpretation, Pros & Cons	Laxmikant Umarji
			03:15 PM - 03:45 PM	<i>Tea</i>	
	4	1.25	03:45 PM - 05:00 PM	Case Studies	Laxmikant Umarji & Umesh Dhargalkar
	5	0.5	05:00 PM - 05:30 PM	Active Interaction: Experiences & Viewpoints & Evaluation	