

S. No.	10
PROGRAM	Condition Survey, Structural Audit & Non-destructive Testing of Buildings
CATEGORY	Struct Assess & Rehab
DURATION	2 Days

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. In Maharashtra, an assessment in form of a Condition Survey is called 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.

The 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

- ❖ Structural Assessment & Structural Audit
- ❖ Structural Audit: Scope & Limitations
- ❖ Structural Audit: Methodology, Guidelines, Report
- ❖ NDT: Methods, Interpretation, Pros & Cons
- ❖ Case Studies
- ❖ Active Interaction: Experiences & Viewpoints

BENEFITS

Participants of this course will learn the following:

- ❖ **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***