



IN ASSOCIATION WITH



IS ORGANIZING A ONE DAY WORKSHOP ON

## **Non Destructive Testing (NDT) Techniques for Reinforced Concrete Structures in Indian Scenario**

on Wednesday, May 27, 2015 from 9:30 a.m to 5:00 p.m

at JP Hotel, 1131, Inner Ring Road, Koyambedu,  
(Opposite Koyambedu Central Bus Terminus) Chennai - 600 107



The Workshop will be Inaugurated and Key Note Address will be delivered by :

**Dr. Manu Santhanam**

Professor, Dept. of Civil Engineering, IIT-Madras.

RESOURCE is a multifaceted group having divisions in organizing market specific seminars and symposiums, organizational training and marketing consultancy. We are very much known to the industry luminaries from 1993 onwards.

We have organized earlier successful programs like :

- Cost Effective Modern Construction Solutions
- Construction of Multi Storied Buildings – Issues & Solutions
- Cost Effective Construction – Through Better Project Management Methods
- Innovative Construction Techniques & Methodologies
- Modern trends in Construction Process
- Recent Trends in Construction Management
- Issues & Solutions in the Construction of High Rise Buildings
- Successful Marketing Strategies & Selling Techniques of Real Estate in India and Abroad!
- Challenges & Innovative Solutions in Modern Construction Practices!



# Program focus:

Today's burning issue for the construction industry worldwide is quality related, i.e., a number of structures while in the process of construction or after some period of completion are subject to various stages of distress. It is imperative to assess the current condition in order to decide the remedial measure.

In this context, a thorough understanding of the reasons leading to concrete deterioration, and the use of non-destructive techniques (NDT) and other methodology to assess the condition, are absolutely necessary.

This training workshop aims at giving a comprehensive view about the various non destructive testing being done in the industry including some case studies.

Update yourself with the Latest Material Quality Testing, using NON DESTRUCTIVE TESTING(NDT) techniques, which are being practiced around the globe and in India. These techniques will be detailed by the founders of Hitech Concrete Solutions Chennai Pvt Ltd who offers professional solutions for more than 20 years to the construction industry in the areas of Concrete Technology and Non Destructive Testing for quality related issues.

The program will extensively engage in the following aspects and domains:

## Session 1

Causes of damage in concrete structures; Steps in condition assessment

## Session 2

NDT of concrete

1. Ultrasonic Pulse Velocity (UPV) Test
2. Rebound hammer Test
3. Core Drilling Test
4. Carbonation Test
5. Half Cell Potential Test
6. Determination of chlorides and pH
7. Profoscope Survey
8. Pile Integrity

## Session 3

Analysis of reports, recommendation of appropriate repair & methodology and preparation of bill of quantities

## Session 4

Case Studies of non destructive testing selective industry

This program will be useful to all the Civil engineers, Structural Engineers, Architects, Consultants and Quality Assurance & Management Specialists, poised to carve a distinct niche for themselves amongst their co-professionals.

**CERTIFICATES WILL BE GIVEN TO ALL THE PARTICIPANTS.**

Look forward to your positive response and to meet you in person at the program.

Please find enclosed the registration form. Kindly take a print out, duly fill-in and send the hard copy, attaching your cheque / DD favouring "RESOURCE" to the address given below: For further details contact –

RESOURCE, Sri Anandham Apartments, 1A, Ground floor, Jai Nagar Second Street, Arumbakkam, Chennai - 600 106.

Ph: 044 2363 6363 | Mob: 98405 99888

Web: [www.resourceindia.co.in](http://www.resourceindia.co.in) | e-mail: [inforesource@gmail.com](mailto:inforesource@gmail.com)





Delegate Registration Form for the one day Workshop on  
**“Non Destructive Testing (NDT) Techniques For**  
**Reinforced Concrete Structures in Indian Scenario”**

Organized by RESOURCE & HiTech  
on Wednesday, May 27, 2015 from 9:30 a.m to 5:00 p.m  
at JP Hotel, 1131, Inner Ring Road, Koyambedu,

Name of the Organization:

Name of the Participant:

Office address:

Email:Official:

Personal:

Telephone: ( O )

( R )

( Mob )

Delegate fee: **Rs.7, 500/-** (Service tax extra\*) - in favour of RESOURCE payable at Chennai.

Cheque\*\* / DD No. :

Bank:

Branch:

Name, Seal & Signature of the approving official:

You can also remit online the delegate fee.

Name of our a/c: RESOURCE ; Current a/c no: 1040201001546. Bank and Branch name: Canara Bank, Arumbakkam Branch, Chennai-600106. IFSC Code: CNRB0001040.

Date:

\*Service Tax (as per actuals)

\*\*Cheques are Subject to realization.