



Sanjay Ghodawat Group of Institutions

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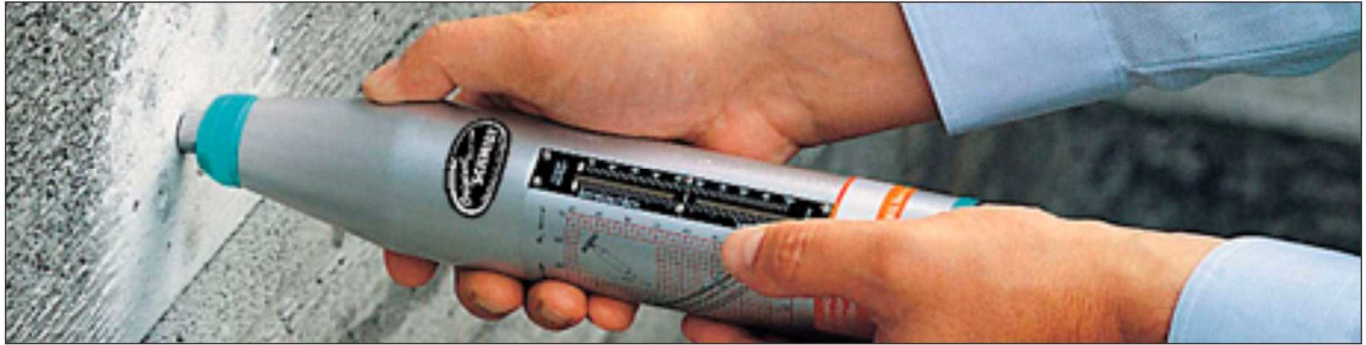
Department of Civil Engineering



SGI-STUDENT CHAPTER
of American Concrete Institute



India Chapter
of American Concrete Institute



A Hands-on Training Program on NON-DESTRUCTIVE TESTING OF CONCRETE STRUCTURES

13th February, 2018

Objectives ►►

The purpose of the workshop is to provide participants with a basic understanding on methods, principles and techniques for non-destructive testing and condition assessment of concrete structures.

Content ►►

- ✓ Introduction to non-destructive testing in Civil Engineering; Philosophies and test methods.
- ✓ Classical NDT methods: Concrete strength and rebound hammer; Concrete cover and location of rebars
- ✓ Ultrasonic test methods
- ✓ Laboratory demonstrations

The following NDT techniques will be included ►►

- ✓ Rebound Hammer to estimate in-situ concrete strength.
- ✓ Evaluation of cover depths to the reinforcement
- ✓ Half-cell potentials to assess the probability of reinforcement corrosion
- ✓ Acoustic methods (ultrasonic echo, impact echo, ultrasound methods) to locate voids and objects (reinforcement bars, ducts) and to assess member thickness

Eligibility ►►

- ✓ Faculty member / PG Students / UG Students
- ✓ Practising Engineers

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Sou. S.D.G.C. Trust's Group of Institutions - Faculty of Engineering
Payable at - Sangli

Sanjay Ghodawat Group of Institutions

Sangli - Kolhapur Road, Atigre 416 118, Dist.: Kolhapur (MH) India

www.sgoinstitute.in




Concrete Fest
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Registration

For Faculty member / PG Students /
UG Student Rs 200/-

For Practising Engineers Rs. 500/-

Contact

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SGI Student Chapter of ACI

For More Details Visit: www.sgoinstitute.in/civil_engineering.html