

About VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. Our Memoranda of Understanding with various international universities are our major strength.

About CDMM

The Centre of Disaster Mitigation and Management (CDMM) is one of the most modern, well-equipped, and progressive centres in India with a passion for excellence. CDMM addresses some of the most neglected areas of the highest national importance. Innovation in Disaster education, rendering of highly specialized disaster mitigation services and a Disaster Knowledge Network tagged with great learning exercises are the three areas of its current operation. The centre has a team of professionals from various disciplines such as Structural & Geotechnical Engineering, Geological studies, Geospatial Technology, Environmental and Climate Modelling.

About ISET Vellore Chapter

By the initiatives of VIT Vellore, the ISET Vellore Chapter was established in December 2016 for the public welfare and seismic resilient India, as a forum for scientists and engineers of various specializations to join and exchange

ideas and to promote research, development, and awareness work in the field of Earthquake Technology.

About IGS Vellore Chapter

The Indian Geotechnical Society (IGS) Vellore Chapter serves as a vital hub for geotechnical professionals and students in the Vellore region of Tamil Nadu. It functions as a local arm of the national IGS organization. The chapter actively organizes seminars, workshops, and technical lectures to promote knowledge exchange and best practices, while also playing a vital role in nurturing aspiring geotechnical engineers through various student-centric activities.

Registration

- Last Date of Registration: 25/03/2026
- Register online at:
- Registration Fees (Inclusive of GST)

Category	Fees
Student/ Research Scholar	Rs. 250/-
Faculty member	Rs. 450/-
Industry person	Rs. 650/-

Payment should be made online only using the link provided:

<https://events.vit.ac.in/>

Venue

CDMM 213

Centre for Disaster Mitigation and Management, VIT Vellore 632014

For Further Details Contact

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List of Equipment for Hands-on Training



Rebar Locator



Rebar Corrosion Detector



Ultrasonic Pulse Velocity Tester



MASW



pH Meter



Concrete Resistivity Meter



Rebound Hammer
(Rock and Concrete)



Soil Moisture Probe

About the Workshop

The utilization of concrete is exponentially increased for the development of infrastructure such as power plants, Irrigation structures, bridges, etc. Concrete undergoes deterioration due to corrosion of reinforcement, ageing, and other environmental conditions. For deteriorated concrete, it is necessary to evaluate to assess the state of concrete and reinforcement would help in selecting proper remedial measures. The condition assessment of old and new concrete structures can be done using Non-destructive testing methods. These NDT techniques can play a supporting role in the decision-making process of the conditional assessment of the structure. NDT methods are preferred because they will not alter the appearance or functionality of the structure. The testing of existing structures is usually related to an assessment of structural integrity or adequacy. The primary objective of this workshop is to familiarize participants with advanced NDT methods for assessing the health and performance of structures and supporting ground conditions.

The objectives of the workshop are: -

1. To explore the potential of NDT methods in accurately assessing damage in reinforced concrete structures.
2. To engage participants for a deeper understanding of the underlying principles and limitations of various NDT equipment.
3. To provide hands-on experience on using latest NDT equipment.

Major Topics to be covered

- Introduction to Non-Destructive Techniques
- Operations and Usage of Non- Destructive techniques
- Case studies
- Demonstration and Hands-On of NDT equipment

Organizing Committee

Chief Patron:

Dr. G. Viswanathan, Chancellor

Patrons:

Dr. Sankar Viswanathan, Vice President

Dr. Sekar Viswanathan, Vice President

Dr. G. V. Selvam, Vice President

Dr. Sandhy Pentareddy, Executive Director

Ms. Kadhambari S. Viswanathan, Assistant Vice President

Co-Patrons:

Dr. V.S. Kanchana Bhaaskaran, Vice Chancellor

Dr. Partha Sharathi Mallick Pro-Vice-Chancellor

Dr. T. Jayabarathi, Registrar

Convener

Dr. P. Rama Mohan Rao Professor & Director

Centre for Disaster Mitigation and Management

ISET, Vellore Chapter

Dr. P. Rama Mohan Rao, Professor & Director CDMM, Chairman ISET Vellore Chapter

Dr. Om Suganya, Associate Professor, School of Civil Engineering and Secretary

IGS, Vellore Chapter

Dr. P. Porchelvan, Professor (HAG), School of Civil Engineering & Chairman

Dr. Arunava Ray, Assistant Professor, CDMM and Secretary

Faculty Coordinators

Dr. Om Suganya, Associate Professor

School of Civil Engineering, VIT Vellore

Dr. Arunava Ray, Assistant Professor

CDMM, VIT Vellore



VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



One day Workshop
On

Advance NDT-Based Integrity Assessment of RCC Structures and Foundation Systems

27th March 2026



Jointly Organized by

Centre for Disaster Mitigation and Management
&

School of Civil Engineering

Vellore Institute of Technology, Vellore 632014

Tamil Nadu, India.

In association with



Indian Society of
Earthquake
Technology (ISET)
VIT, Vellore Chapter



Indian Geotechnical
Society (IGS) Vellore
Chapter