

### **About Department of Civil Engineering**

The Department of Civil Engineering of Anna University is the oldest in the Country. It dates back to May 17, 1794, as a Survey School and later a Civil Engineering College in 1859. Presently the Department of Civil Engineering has well-established divisions and centres viz., Structures, Water Resources, Soil Mechanics, Environmental Engineering, Transportation Engineering, Remote Sensing and Climate Change. The department offers 3 UG, 10 PG, and Ph.D. programs in all divisions.

### **About the Division of Soil Mechanics and Foundation Engineering (DSMFE)**

The Division of Soil Mechanics and Foundation Engineering is one of the oldest divisions, offering a postgraduate programme in Soil Mechanics and Foundation Engineering (full-time and part-time) since 1958, in addition to supporting the undergraduate Civil Engineering programme. With decades of expertise, the Division actively provides expert consultancy on geotechnical challenges for the state government and private projects. It is well-equipped with both basic and advanced digital Soil Mechanics laboratories for testing soil, rock, and geotextiles. Specialized facilities include cyclic triaxial testing systems, a Fredlund soil-water characteristic device, and state-of-the-art computational tools.

### **Highlights of the Training Programme**

- State-of-the-art industry relevant topics in subsurface investigations
- Resource persons from industry as well as academia
- Interactive and practical demonstration session by industry experts
- Hands-on session in the advanced soil mechanics laboratories of the division

### **Benefits to the Participants**

- Technical sessions for industry readiness of the participants
- Free Registration with kit
- Lunch and Refreshments
- Training Certificate

### **Who can attend?**

The Training Programme is open for the Undergraduate Students of Civil Engineering of College of Engineering Guindy, Anna University, Chennai.

### **Venue**

#### **TERZAGHI HALL**

Division of Soil Mechanics  
and Foundation Engineering,  
Dept. of Civil Engineering, CEG Campus,  
Anna University, Chennai – 600 025.



## **Three-Day Training Programme**



## **on Subsurface Investigation Techniques and Instrumentation (SITI – 2025)**

**16<sup>th</sup> to 18<sup>th</sup> December, 2025**



***Organized by***

**Division of Soil Mechanics and  
Foundation Engineering,  
Dept. of Civil Engineering,  
College of Engineering Guindy,  
Anna University,  
Chennai - 600 025**

***Sponsored by***

**National Higher Education  
Mission (RUSA)**

## **ORGANIZING COMMITTEE - SITl 2025**

### **CHIEF PATRON**

**Convenor Committee, Anna University**

### **PATRON**

**Prof. Dr. V. Kumaresan**, Registrar i/c

### **CO-PATRON**

**Prof. Dr. P. Hariharan**, Dean, CEG

### **RUSA PROGRAM MANAGER**

**Tmt. C. Geetha**, SPD, RUSA

### **CONVENOR**

**Prof. Dr. S. Kanmani**, Head, Civil Engg.

### **COORDINATORS**

**Dr. Jijo James**, Asst. Professor, Civil

**Prof. Dr. M. Muttharam**, Prof. and Head  
Div. of Soil Mechanics and Foundation  
Engineering, Department of Civil  
Engineering, CEG, Anna University,  
Chennai - 600 025

### **Why this topic?**

Subsurface investigation reveals critical information about soil and rock properties, ground water conditions, and site variability, which are fundamental for designing stable foundations and planning construction. Learning modern instrumentation and investigation methods helps students understand and mitigate site-specific risks like soil instability, seismic vulnerability, and underground hazards, directly impacting project safety and cost-effectiveness. Such training promotes hands-on proficiency with testing, sampling, and advanced geophysical technologies, preparing students for industry requirements.

## **External Resource Persons**

**Er. I. V. Anirudhan**, Geotechnical Consultant, Geotechnical Solutions, Chennai.

**Dr. S. V. Sivapriya**, Associate Professor in Civil Engineering, SSN College of Engineering, Chennai.

**Dr. R. B. Arun Murugan**, CEO, VRR Consultancy Pvt. Ltd., Chennai

**Er. J. S. Ravi Shhankkar**, Head-Technical and Operations, M/s. Padmavathy Buildmat, Chennai

**Er. N. Suresh Babu**, Executive Engineer, Soil Mechanics and Research Division, TNWRD

**Er. T. Kanimozhi**, Asst. Executive Engineer, Soil Mechanics and Research Division, TNWRD

**Er. R. Vignesh**, Sr. Lead Engineering Manager (Geotech.), Larsen and Toubro, Chennai

**Er. Arun Perumal**, Geotechnical Consultant, M/s. Ayyan Associates, Chennai.

## **Internal Resource Persons**

**Dr. V. K. Stalin**, Professor, DSMFE, CEG, Anna University, Chennai

**Dr. K. Premalatha**, Professor, DSMFE, CEG, Anna University, Chennai

**Dr. B. Soundara**, AP, DSMFE, CEG, Anna University, Chennai

**Dr. S. Bhuvaneshwari**, AP, DSMFE, CEG, Anna University, Chennai

**Dr. Jijo James**, AP, DSMFE, CEG, Anna University, Chennai

## **Registration Details**

Registration is free but limited to 40 seats, available on a 'first-come-first-served' basis. Last date for registration is 14<sup>th</sup> December 2025.

<https://forms.gle/6oUs1T6iCzRTHCMt6>



**Standard Penetration Test**



**Pressure Meter Test**



**Plate Load Test**



**Electrical Resistivity Test**