

About IGS Trichy Chapter

IGS Trichy chapter was inaugurated on 14th February 2014, with an objective to provide common forum for academicians, research workers, designers, construction engineers, equipment manufacturers and others interested in geotechnical activities in promoting co-operation among them for advancement and dissemination of knowledge in Geotechnical Engineering and allied fields and their practical application.

About the Seminar

This annual seminar is organized as a remembrance of birth anniversary of Prof.Karl Von Terzaghi well known as the father of modern geotechnology. This year, the theme of the seminar is fixed as Dynamics of soils and foundations.

Most of geotechnical and foundation design is based on the soil's behavior under static loads. Important structures, however, requires that the engineers know how to analyze structures under complex dynamic loads such as earthquakes, bomb blasts, operation of heavy machinery, pile driving, deep dynamic compaction, heavy traffic, wind and wave actions. Ground motions result in increased settlements, and tilting of the foundations. The objective of this seminar is to provide the audience with the fundamental concepts and theory of dynamic involved in the soils and foundation along with some research findings and case studies.

Resource Persons

1. **Dr.K.Ilamparuthi**, Professor (Rtd.), Anna University, Chennai
2. **Dr. R.Ayothiraman**, Associate Professor, IIT Delhi.
3. **Dr. Subhadeep Banerjee**, Associate Professor, IIT Madras, Chennai.
4. **Er. A. Vetriselvan**, Chief Engineering Manager, L&T Geostructure, Chennai.
5. **Er.A.Karthikeyan**, Chartered Engineer (India), Karthikeyan Associates, Chennai.

TERZAGHI MEMORIAL SEMINAR

Dynamics of Soils and Foundations

14th October 2017



KARL VON TERZAGHI

Father of Modern Geotechnology
(October 2, 1883 – October 25, 1963)

Organized by

**INDIAN GEOTECHNICAL SOCIETY
TRICHY CHAPTER**

In association with

**Department of Civil Engineering
National Institute of Technology
Tiruchirappalli – 15**



Venue

Seminar Hall, Department of Civil Engineering, NIT Trichy - 620015

Registration Fee

IGS Parent body / IGS Trichy members	Rs.300/-
Students / Research scholars	Rs.500/-
Faculty / Industrial persons	Rs.700/-
Registration with IGS Trichy Life Membership	Rs.1350/-

Registration fee (non-refundable) includes: kit, course material, lunch and refreshment.

Important Dates

Duly filled Registration forms accompanied by registration fee (in the form of DD/Transaction proof) should reach the coordinator not later than 09th October 2017. The selected candidates will be intimated through email.

Target Audience

Practitioners, Consultants, Personnel from implementation Agencies and Industries associated with Building and Pavement construction, Academicians and researchers working in the area of geotechniques.

Address for communication

Dr. K. Muthukkumaran

Chairman, IGS Trichy Chapter,
Department of Civil Engineering,
National Institute of Technology, Tiruchirappalli,
Tamil Nadu – 620015

Email: events.igstrichy@gmail.com website: www.igstrichy.org

For further queries Contact

Mr.S.Sivaraman, Mobile: +91-8883432110

Registration Form

Terzaghi Mamorial Seminar On Dynamics of Soils and Foundations

14st October 2017

Name :

Designation:

Organization:

Address:

Phone:

E-mail:

IGS Parent body (or)

IGS Trichy member : Yes / No If Yes, Membership No.:

Payment Details:

I enclose a multicurrency cheque / demand draft / Proof of online payment for

Rs.-/- drawn in favour of “**IGS Trichy chapter**”, payable at

Tiruchirappalli vide cheque / D.D. / Transaction No.....

dated..... drawn on bank.....

Bank details for NEFT/SBI Quick transfer payment:-

Beneficiary Name: **IGS Trichy chapter** Bank A/C No.: **33463659916**

Bank Name : **SBI, NIT Trichy branch** IFSC Code: **SBIN0001617**

Signature

(Additional registration forms may be photocopied. Single payment for a total sum amount shall be made for group registration)

INDIAN GEOTECHNICAL SOCIETY, TRICHY CHAPTER

Terzaghi memorial seminar on
“DYNAMICS OF SOILS AND FOUNDATIONS”
14th October 2017

Programme Schedule

Time	Resource person	Topic
9.00 am to 9.30 am	Registration	
9.30 am to 10.00 am	Inauguration & Felicitation	
10.00 am to 10.45 am	Terzaghi memorial lecture by Dr.K.IIamparuthi Professor (Rtd.), Division of Soil Mechanics and Foundation Engineering., CEG, Anna University, Chennai	
10.45 am to 11.00 am	Tea break	
11.00 am to 12.00 noon	Dr. Subhadeep banerjee Associate Professor, IIT Madras, Chennai	Dynamic properties of natural and cement treated soil and its application to site response analysis
12.00 noon to 01.00 pm	Dr. R.Ayothiraman Associate Professor, IIT Delhi.	Pile response to machine induced vibration and earthquake loads
01.00 pm to 2.00 pm	Lunch break	
02.00 pm to 3.00 pm	Er.A.Vetriselvan Chief Engineering Manager, L&T Geostructure, Chennai.	Excavation in urban scenario
3.00 pm to 03.15 pm	Tea break	
03.15 pm to 04.15 pm	Dr. A.Karthikeyan Chartered Engineer, Karthikeyan Associates, Chennai.	Design and construction of Machine foundations
4.15 pm to 4.30 pm	Valediction	

Venue: Seminar Hall, Department of Civil Engineering, NIT Trichy.