### **About IGS Trichy Chapter**

IGS Trichy chapter was inaugurated on 14<sup>th</sup> 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 cooperation 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.llamparuthi, 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**, Charted Engineer (India), Karthikeyan Associates, Chennai.

### **TERZAGHI MEMORIAL SEMINAR**

# **Dynamics of Soils and Foundations**14th October 2017

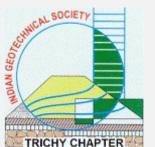


KARL VON TERZAGHI
Father of Modern Geotechnology
(October 2, 1883 – October 25, 1963)

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		Registration Form
IGS Parent body / IGS Trichy members Students / Research scholars Faculty / Industrial persons	Rs.300/- Rs.500/- Rs.700/-	Terzaghi Mamorial Seminar On <b>Dynamics of Soils and Foundations</b> 14st October 2017
Registration with IGS Trichy Life Membership Registration fee (non-refundable) includes lunch and refreshment.	Rs.1350/-	Name:  Designation:  Organization:
Important Dates		Address:
Duly filled Registration forms accompanied by registration fee (in the form of DD/Transaction proof) should reach the coordinator not later than 09 <sup>th</sup> October 2017. The selected candidates will be intimated through email.		Phone: E-mail:
Target Audience		IGS Parent body (or) IGS Trichy member : Yes / No If Yes, Membership No.:
Practitioners, Consultants, Personnel from implementation Agencies and Industries associated with Building and Pavement construction, Academicians and researchers working in the area of geotechniques.		Payment Details:  I enclose a multicity cheque / demand draft / Proof of online payment for  Rs/- drawn in favour of "IGS Trichy chapter", payable at
Address for communication		Tiruchirappalli vide cheque / D.D. / Transaction No
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		dated
For further queries Contact  Mr.S.Sivaraman, Mobile: +91-8883432110		(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"

14<sup>th</sup> October 2017

## Programme Schedule

Time	Resource person	Торіс	
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.Ilamparuthi 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 Charted 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.