

PROGRAMME

ONE DAY WORKSHOP ON

GEOTECHNICAL INVESTIGATION AND FOUNDATION SYSTEM

- 9:30 - 10:00 Registration
10:00 - 10:30 Inauguration
10:00 - 10:45 Tea break
10:45 - 12:45 Session 1
Prof. S. R. Gandhi, IIT Madras, Chennai
Er. S. P. Srinivasan, Chairman, Madurai ES consultancy services pvt ltd.,
Prof. K. Ilamparuthi, Anna University
Dr. K.S. Ramakrishna, L&T ECC, Chennai
- 12:45 - 13:45 Lunch break
- 13:45 - 15:30 Session 2
Er. Sanna Ratnavel, Chief executive, Sceba consultancy services, Madurai
Er. Ravikiran Vaidya, Geodynamics, Vadodara
- 15:30 - 15:45 Tea break
- 15:45 - 17:30 Session 3
Prof. A. Boominathan, IIT Madras, Chennai
Prof. R. Sanjay Kumar, T.C.E, Madurai.
Dr. V. Balakumar, Simplex Infrastructure, Chennai



IGS CHENNAI CHAPTER

INDIAN GEOTECHNICAL SOCIETY, IGS, was established in 1948 with the purpose of advancement and dissemination of knowledge in different fields of geotechnical engineering.

The Madras Chapter of IGS was established in 1987 and later named as Chennai Chapter. Chennai chapter has more than 900 life members including about 120 members of parent body.

The chapter has been organizing seminars and symposiums every year with emphasis on field practices.

The National Conference IGC-1983 was held at IIT Madras, IGC-1996 at Anna University and the chapter organised IGC-2006 at IIT Madras.

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

Thiagarajar College of Engineering (TCE), Madurai, an ISO 9001:2008 certified Institution affiliated to Anna University of Technology, Madurai, is one among the several educational and philanthropic institutions founded by Philanthropist and Industrialist Late. Shri. Karumuttu Thiagarajan Chettiar. TCE was established in the year 1957.

The institute is funded by State & Central Governments and the management. The courses offered in TCE are approved by All India Council for Technical Education, New Delhi. It was granted Autonomy in the year 1987 and been accredited by National Board of Accreditation.

TCE offers Seven Undergraduate Programmes, Thirteen Postgraduate Programmes and Doctoral Programmes in Engineering, Science and Architecture.

All correspondence related to the workshop may be addressed to
The Chairman

Indian Geotechnical Society Chennai Chapter Division of
Soil Mechanics and Foundation Engineering College of
Engineering Guindy

Anna University, Chennai 600 025
Email: igschennaichapter@gmail.com
Phone 09841106580

(or)
Professor and head of the dept of civil engineering, TCE,
Madurai – 625015
Email ; civiloffice@tce.edu

ONE DAY WORKSHOP ON GEOTECHNICAL INVESTIGATION AND FOUNDATION SYSTEM

SATURDAY
THE 27TH NOVEMBER 2010
9:30 HRS - 17:30 HRS

AT
THIAGARAJAR COLLEGE OF ENGINEERING
MADURAI

INDIAN GEOTECHNICAL SOCIETY
CHENNAI CHAPTER
CHENNAI



IN ASSOCIATION WITH
THIAGARAJAR
COLLEGE OF ENGINEERING
MADURAI

THE INDIAN GEOTECHNICAL SOCIETY

The Indian National Society of Soil Mechanics and Foundation engineering was established in the year 1948 soon after the second International Conference on Soil Mechanics and Foundation Engineering held at Rotterdam. The Society was affiliated to the International Society in the same year and since then it had strived to fulfill and promote the objectives of the International Society. In December 1970, the name Indian Geotechnical Society was adopted. In January 1994 it hosted XIIIth International Conference on Soil Mechanics and Foundation engineering. The Society celebrated its Diamond Jubilee in the year 2008. The Secretariat of the Society started functioning from its own house from the year 1996, after operating from a number of years from the premises of CBIP, Institution of Engineers India Delhi Centre, IIT Delhi and CSMRS.

The National Conference IGC 2010 is scheduled to be held at IIT Bombay, Mumbai during 16-18 December 2010.



Indian Geotechnical Society
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TOPIC OF THE WORKSHOP

Geotechnical Investigation provides important input for any Civil Engineering project. More complex constructions, deep excavations, large land reclamation, etc. resulted considerable improvement in the investigation methodology and the equipment used in the investigations. However, the geotechnical investigation in India still revolves around conventional methods and a major change is eluding because of lack of awareness on the importance of such investigations for important projects and also because of very limited funds allotted for investigation.

The subject of geotechnical investigation is discussed at several forums. However, it has its own charm and importance because of several uncertainties related to the selection of suitable foundation and its execution.

The present day constructions aim for maximum utilisation of the land available and the vertical expansion is order of the day. The ground conditions are often marginal for the adoption of shallow foundations. Deep foundations such as pile foundations, especially bored cast-in-situ type construction because of environmental issues, are commonly adopted.

The proposed workshop is aimed at addressing these two key topics in geotechnical engineering. The lectures will cover the following aspects

- Soil investigation report and the Structural Engineer
- Geotechnical investigation requirements
- SPT – myth and truth
- Advances in geotechnical investigation—SASW & ASW
- Soil characterisation by lab tests
- Pile foundation in weak rock
- Bored piling in difficult ground conditions
- Piled raft design and parameter requirement



REGISTRATION

ONE DAY WORKSHOP ON GEOTECHNICAL INVESTIGATION AND FOUNDATION SYSTEM

Name : _____

Designation : _____

Affiliation : _____

Organisation Address

: _____

: _____

: _____

: _____

Personal Email ID : _____

Phone Numbers : _____

Signature & Date : _____

The registration is free, but shall be done in advance so that the programme can be planned properly. Please make a xerox of this page, complete the details and send to the Chairman, IGS Chennai Chapter at the address given overleaf. Alternatively the completed form can be sent to the Head, Department of Civil Engineering, Thigarajar College of Engineering, Madurai.