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Wish to participate in the workshop as

Delegate Sponsor

I am enclosing a crossed demand draft payable at
Chennai in favour of Indian Geotechnical Society,
Chennai Chapter, with the following details

No.....Dated.....
Bank for
Rs.....
towards registration / sponsor fee

Date Signature

REGISTRATION FEE

1. Member of IGS and Academicians = Rs.1000/-
2. Practicing Engineers (Non member of IGS) = Rs.1500/-
3. Students and Senior Citizens = Rs. 500/-

The registration fee shall be paid by a crossed demand draft drawn in favour of "IGS Chennai Chapter" and shall be payable at Madras.

Those who wish to sponsor the programme may please contact the organisers. Free delegates and display boards will be available for the sponsors.

ACCOMMODATION

Limited accommodation can be arranged in the IIT campus on first come first served basis. The average cost for accommodation in IIT Guest House is Rs. 400/- per person per day.

All correspondence relating to the workshop shall be addressed to
Prof. S.R. Gandhi, Chairman,
Indian Geotechnical Society (Chennai Chapter)
Department of Civil Engineering
IIT Madras, Chennai 600036

Email: srgandhi@iitm.ac.in
Ph : 044-22574255, Mob : 9841027543

Email - chapter@igschennai.in, web - www.igschennai.in

INTERNATIONAL WORKSHOP ON HORIZONTAL DIRECTIONAL DRILLING



4 AUGUST 2008, MONDAY
9:30 AM - 5:30 PM

Organised by

Indian Geotechnical Society
Chennai Chapter



In association with



Digital Control Incorporate
Vermeer Manufacturing

and



Venue
Central Lecture Theatre
IIT Madras, Chennai, INDIA

THE INTERNATIONAL SOCIETY FOR TRENCHLESS TECHNOLOGY

The International Society for Trenchless Society, ISTT, was founded in 1986 when a group of civil engineers in the United Kingdom discovered that they were not alone in dealing with an increasing number of problems with old and leaking water and wastewater networks under cities and towns.

Other services, town gas and electricity, have also found that their first underground networks are beginning to reach the end of their useful working lives and need to be refurbished or replaced. So there was a growing need to share information and experience on ways of working in crowded towns and cities both installing new and repairing old underground utility services and networks.

The Society was established with the following objectives:

- > to advance the science and practice of Trenchless Technology for the public benefit,
- > to promote education, training, study and research in that science and practice.

Over the years, the ISTT has been instrumental in educating and promoting the benefits of trenchless technology all around the globe through its international and regional conferences, seminars and affiliates. Today there are 25 affiliated societies and 3500 members worldwide carrying the trenchless message.

Tel: +44 (0)1608 674900 Fax: +44 (0)1608 674707
Email: info@istt.co.uk Home Page: www.istt.com

INDIAN GEOTECHNICAL SOCIETY AND CHENNAI CHAPTER

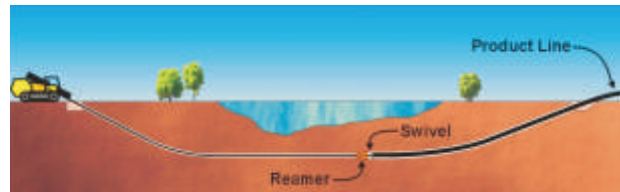
Indian Geotechnical Society, IGS, was established in 1948 with the purpose of advancement and dissemination of knowledge in different fields of geotechnical engineering. The society made valuable contributions to the development of geotechnical engineering in the country. IGS is affiliated to the International Society of Soil Mechanics and Geotechnical Engineering, ISSMGE. The IGS is celebrating its Diamond Jubilee this year.

The Madras Chapter of IGS was established in 1987 and later named as Chennai Chapter. Chennai chapter has more than 800 life members including about 100 members of the parent body.

The chapter has been organizing seminars and symposiums every year with emphasis on field practices. The National Conferences IGC1996 was held in Anna University and recently the chapter organised IGC 2006 in IIT Madras.

ABOUT THE SEMINAR

This international workshop on Horizontal Directional Drilling (HDD) is aimed at reviewing the latest techniques for trenchless construction methods. The subject has wide applications in laying utility lines such as internet cable, TV cable, telephone cable, power cable, small drainage pipes, etc. In view of the increasing requirements for laying such facility and increase in traffic which makes the conventional excavation of trench very difficult, the Trenchless Technology gains tremendous importance. In the last two decades there has been considerable improvement in the equipments, technology and necessity for trenchless construction.



WHO SHOULD ATTEND

Practicing engineers, Town planners, Construction companies and academicians dealing with design and construction of infrastructure facilities including installation of underground cables / pipe lines will benefit by attending the programme.

OUTLINE OF THE PROGRAMME

The programme comprises expert lectures by Prof. Samuel T. Ariaratnam, Professor in Arizona State University and his colleagues.

Prof. Samuel T. Ariaratnam has carried out considerable pioneering work in trenchless construction methods particularly on Horizontal Directional Drilling. He has obtained 3 patents for soil sampling from horizontal boreholes. He is member of about 14 professional societies and currently serves as the Vice Chairman of ISTT. He has published over 150 technical papers on the subject and several books.

The other experts who are expected to present various aspects of Horizontal Directional Drilling are:

Mr. Ehteshamul Haque, Digital Control Inc.
Mr. Sean Wharton, Earth Tool Company
Mr. Navneet Mathur, Vermeer Manufacturing Company

International Workshop on Horizontal Directional Drilling

4 August 2008, Monday

9:30 am - 5:30 pm

**Organised by
IGS Chennai Chapter**

In association with

**The International Society for Trenchless
Technology ISTT, London, UK
Vermeer Manufacturing Co., and
Digital Control Incorporated (DCI)**

TENTATIVE PROGRAMME

- 09:30 – 09:45 Welcome
Prof. S.R. Gandhi, Chairman IGS Chennai Chapter
- 09:45 – 10:00 ISTT Welcome
Dr. Dec Downey, Chairman ISTT
- 10:00 – 12:00 Introduction to Horizontal Directional Drilling
Prof. S.T. Ariaratnam, ASU
- 12:00 – 13:00 Lunch Break
- 13:00 – 14:00 HDD Locating Systems
Mr. Ehteshamul Haque, Digital Control Inc.
- 14:00 – 14:30 Drilling Fluid Applications in HDD
Prof. S.T. Ariaratnam, ASU
- 14:30 – 15:00 Afternoon Tea Break
- 15:00 – 15:30 HDD Assist
Mr. Sean Wharton, Earth Tool Company
- 15:30 – 16:15 Planning for HDD Projects
Prof. S.T. Ariaratnam, ASU
- 16:15 – 17:15 HDD Case Histories
Mr. Navneet Mathur, Vermeer Manufacturing Co.
- 17:15 – 17:30 Q&A and Closing Remarks (All)