

**ACTIVITY REPORT OF IGS CHENNAI CHAPTER
FOR THE PERIOD 01 DEC.2011 TO 30TH NOV.2012**

1. Office bearers

- a) Chairman: Dr. A. Boominathan
- b) Secretary: Dr. M. Muttharam
- c) Past-Chairman: Mr. I. V. Anirudhan

2. Meetings of EC

S.No	Date of EC Meeting	No of attendees
1	19.08.2010	7
2	30.03.2011	11
3	31.05.2011	7
4	25.08.2011	7
5	09.05.2012	12
6	30.10.2011	8
7	23.02.2012	5
8	13.06.2012	7
9	04.09.2012	9

3. Lectures

- 1. Prof. Dr. Hemanta Hazarika, Professor, Department of Civil & Structural Engineering, Kyushu University, Fukuoka, Japan. "Damages To Geotechnical Structures" on 21 September 2011
- 2. Prof. Dr. V. Sivakumar, Professor in Civil Engineering, Queen's University Belfast, UK., "Experimental Observations of The Stress Regime in Unsaturated Compacted Clay when Laterally Confined" on Wednesday, 21 December 2011
- 3. Prof. Krishna R. Reddy, Director, Geotechnical & Geoenvironmental Laboratory, University of Illinois at Chicago, "Landfill liner and cover systems" on 22nd June 2012
- 4. Prof. Dr Gopal Madabhushi, Reader in Geotechnical Engineering University of Cambridge, UK, "Seismic Design of Pile Foundations" 28th July 2012.
- 5. Prof. Dr Fook-Hou Lee, Professor, Department of Civil & Environmental Engineering, National University of Singapore, "Cement-Soil Treatment in Urban Underground Construction: Some Issues and Recent Research" on 30th July 2012.
- 6. Prof. P.V. Sivapullaiah, Professor, Department of Civil Engineering, Indian Institute of Science, Bangalore, "Stabilisation of Kuttanad Clay" on 29th October 2012.

4. Any other Special Activities

Workshops

- 1. The chapter organised a one day workshop on 'Ground Improvement Techniques' along with the Tanjore Chapter of Indian Geotechnical Society at Sastra University, Tanjavur on 15

October 2011. Er. S.Asokan, Superintending Engineer, PWD, Govt. of Tamil Nadu, inaugurated the workshop. Dr.Boominathan, Dr. R. G.Robinson, Dr. K. Ilamparuthi, Dr.S.V.Ramasamy, Dr.Radhakrishnan, Dr.V.K.Stalin, Dr.K.Premalatha, Er. Madhan Kumar (Keller India limited), Dr.I.V.Anirudhan , Dr.S.Seshadri, Dr.K.Saravana Raja Mohan, Dr.T.R.Neelakantan, Dr.G.Dhinakaran, Dr.Sujatha E.Ramani, Er.N.T. Balasundaram, Er.Vaidhyanadhan and Er.Sekar (Builders Association of India) were the faculty for this workshop. 120 delegates attended the workshop.

2. The chapter also organised a one day workshop on ‘Landfill design and construction’ at College of Engineering Guindy, Anna University on 28th April 2012. Er. R. Raghunathan, Chief Engineer (Retd.), Commissionerate of Municipal Administration, Govt. of Tamil Nadu, Chennai, inaugurated the workshop. Prof. Dr. K. Ilamparuthi, Dr. Kurian Joseph, Prof. Dr. S. Mohan, Dr. N. K. Prakasam, Dr. R. G. Robinson, Dr. Dali Naidu Arnepalli, Prof. Dr. V. K. Stalin, Dr. Saiprasad, Dr. K. Premalatha and Dr. G. Janardhanan were the faculty for this workshop. 100 delegates attended the workshop.
3. The chapter organised a one day workshop on “Design and Construction of Diaphragm Walls, Contiguous and Secant Pile Walls, and Anchors/Strutting Systems” in association with DFI, on 17th September 2012. Dr. Hussein Hatata, Al Ghurair Construction- Foundations Llc; UAE; Dr. Christian Gilbert, Soletanche-Bachy, France and Dr. Olivier Peter, Soletanche-Bachy, France were the faculty for this workshop. 84 delegates attended the workshop.

Conference

The Chennai Chapter in association with DFI conducted a three day conference on “Deep Foundation Technologies for Infrastructure Development in India” during 18-20th September 2012. A site visit was arranged to Chennai Metro Tunnelling and Diaphragm wall construction site on the last day of the conference. The following were the invited lectures for the workshop and conference.

Hussein Hatata, Al Ghurair Construction- Foundations Llc,
Christian Gilbert, Soletanche-Bachy,
Olivier Peter, Soletanche-Bachy,
Manfred Schoepf, Bauer Maschinen Gmbh,
Roland Kleina, Bauer Spezialtiefbau Gmbh,
A. K. Dhawan, Fugro Geotech Pvt. Ltd,
Narayan V. Nayak, Gammon India Limited/Gammon Realty Limited,
S.R. Gandhi, Indian Institute of Technology Madras,
David Yang, Jafec Usa, Inc.,
V.R. Raju, Keller Asia,
Wolfgang Sondermann, Keller Group Plc,
James A. Morrison, Kiewit Infrastructure Engineers,
M. Sohel Amin, Langan Engineering And Environmental Services,
Rudolph P. Frizzi, Langan Engineering And Environmental Services,
K.S. Rama Krishna, Larsen & Toubro Ltd - L&T Geosturcture,
Pierre Orsat, Menard,
Gilles Costa, Menard Asia,
Brent Robinson, Pile Dynamics Inc.;

Prof. Madhav Madhira, Jawaharlal Nehru Technical University; Mr. Shankar Guha, Simplex Infrastructures Limited; Dr. Chandramohan P.V., Navayuga Engineering Company; Dr. Mohan Gupta, Mott Macdonald Pvt. Ltd.; Prof. K. Rajagopal, IIT Madras; Prof. K. Ilamparuthi, Anna University; Prof. A. Boominathan, IIT Madras and Dr. V. Balakumar, Simplex Infrastructure chaired the sessions’

260 delegates including 25 speakers registered for the conference and 242 of them attended the conference, 42 members joined the site visit to one of the tunnelling sites and diaphragm wall sites of Chennai metro construction site.

There were 21 exhibitors for the conference and the exhibition was well attended. IGS Chennai chapter and DFI also set up their booths for in the exhibition in which old conference volumes, IGS Journal, etc. were showcased. Several attendees joined the chapter and some registered in the main body. IGC 2006 volumes and CDs were sold during the conference.