

**Activities of Chennai Chapter  
October 2010 – September 2011**

**Present Office Bearers**

Chairman -Mr. I.V. Anirudhan,  
Secretary- Dr. K. Premalatha,  
Past Chairman – Prof. S.R. Gandhi,  
Executive Committee Members- Prof S.V. Ramaswamy, Prof. K. Ilamparuthi,  
Prof. A Boominathan, Er. M. Elangovan, Prof. V.K. Stalin, Dr. V. Balakumar,  
Dr. M. Muttharam, Er. Subas Chandrabose, Dr. K. Janardhanan, Mr. K. Bhaskaran

**Executive committee Meetings and AGM**

Four EC meetings were conducted on 20.01.2011, 30.03.2011, 31.05.2011, 25.08.2011 & the fifth meeting is scheduled on 25.10.2011

**Technical Lectures**

**Dr. R. Kerry Rowe**, Professor, Queen's University, 'Systems Engineering the Design and Operations of Municipal Solid Waste Landfills to Minimize Contamination of Groundwater' on 16 November 2010

**Er. R. Radhakrishnan**, Director, Bharat Geosystems Pvt Ltd, 'Reinforced Earth Structures- Defects & What We Can Learn' on 10 February 2011

**Er. Y. Hari Krishna**, Keller Ground Engineering India Pvt Ltd. 'Ground Improvement using Deep Soil Mixing' on 11 March 2011.

**Dr. P.V. Sivapullaiah**, Professor, IISc Bangalore, 'Changing Behaviour of Fine Grained Soils' on 8 April 2011

**Dr. D. N. Singh**, Professor, IIT Bombay, 'Porous Media Characterization using Energy Field Concept' on 05 July 2011

**Mr. Zeljorad Maricic**, GCTS Testing System, USA, "Advancement In Geotechnical Testing" 20<sup>th</sup> July 2011

**Dr. Hemanta Hazarika**, Professor, Kyushu University, Fukuoka, Japan 'Damage to Geotechnical Structures by the 2011 Great East Japan Earthquake Disaster' on 21 September 2011

**One Day Workshop at Madurai**

One Day Workshop on Geotechnical Investigation & Foundation Systems was held at Thiagarajar College of Engineering, Madurai on 27<sup>th</sup> November 2010. More than 140 delegates attended the seminar.

**Shri M. Suyambulingam**, Chief Engineer, Southern Railways, Chennai, inaugurated the seminar and **Dr. V. Abhai Kumar**, Principal, Thiagarajar College of Engineering, presided over the inaugural function.

**Dr. S.R. Gandhi**, Professor, IIT Madras, 'Design and Construction of Pile Foundation'.

**Dr. K. Ilamparuthi**, Professor, Anna University, Chennai, 'Application of Pressuremeter In Geotechnical Engineering Practice and Interpretation of Electro Piezocone Data of Chennai Coast'.

**Dr. K.S.Rama Krishna**, Larsen & Toubro Ltd, Chennai, 'Piling In Difficult Ground Conditions'.

**Dr. V.K. STALIN**, Professor, Anna University 'Problematic Soil – Classification and Identification and Techniques to Improve Soil'.

**Er. S.P. Srinivasan**, Consultant, Madurai, 'SPT, myth and reality'

**Er. Sanna Ratnavel**, Consultant, Construction Systems, 'Evolution of SPT & its Changes'.

**Dr. V. Balakumar**, Sr. Consultant, Simplex Infrastructures Ltd, Chennai, 'Concept of Piled Raft Design and Parametric Requirements'.

**Er. I. V. Anirudhan**, Geotechnical Solutions, Chennai, 'Sampling in Geotechnical Investigation'.

**Er. Ravikiran Vaidya**, Principal, Geo Dynamics (India) 'Advanced Non Destructive Testing Practices for Pile Foundations'.

#### **Other Activities**

**Best Paper Competition** for Post Graduate Students was held on 17<sup>th</sup> September 2011 at Anna University, Chennai. The programme was inaugurated by Prof. K. Ilamparuthi and the key note address was delivered by Prof. K. Rajagopal.

Dr. C.V. Prasad, Chairman and Managing Director, Geomarine consultants (I) Pvt. Ltd, Chennai; Er. R. Ravi Kumar, Head of Geotechnical Department, Metro Elevated Package Project of L&T, Chennai and Dr. V. Balakumar, Senior Consultant, Simplex Infrastructure Ltd, Chennai evaluated the presentations during the students paper competition.

Ms. M. Balamaheswari, Former PG Student, CEG, Anna University, bagged the first prize for her paper 'Performance of Footing on Reinforced Soil Bed'. The Second Prize was won by Ms. Parimala Rangunathan, Former Student of IIT Madras, for her paper on Seismic Hazard for Chennai using Adaptive Kernel Technique. The awardees were give cash prize of Rs 2500/- and 2000/- apart from offering the registration fee (as regular delegate) and travel allowances for attending IGC 2011 to be held during 14-16 December 2011 at Kochi.

**One Day Seminar** on 'Ground Improvement Techniques' was held on 15<sup>th</sup> October 2011 at School of Civil Engineering Sastra University, Thanjavur, in association with IGS Thanjavur Chapter. Details will be included in the next year's activity report.

#### **Chapter website**

The chapter website is updated regularly.

#### **Accounts for year 2010-2011**

The accounts for the year 2010-2011 is included separately.

Dr. K. Premalatha  
Secretary  
IGS Chennai Chapter

Photographs and an abridged form of the activity report are enclosed.

## TECHNICAL LECTURES

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Municipal Solid Waste Landfills to Minimize  
Contamination of Groundwater' on 16 November 2010



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Ltd, 'Reinforced Earth Structures- Defects & What We  
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