

**INDIAN GEOTECHNICAL SOCIETY
NEW DELHI**

**FOURTH
INDIAN YOUNG GEOTECHNICAL
ENGINEERS CONFERENCE
17 - 18 MAY
2013**

4IYGEC

ORGANISING COMMITTEE

Chairman
Prof. A. Boominathan, IIT Madras

Organising Secretaries

Dr. R. G. Robinson, IIT Madras
Dr. M. Muttharam, Anna University

ADDRESS FOR COMMUNICATION

Dr. M. Muttharam,
Organising Secretary, IYGEC-2013
Div. of Soil Mechanics & Foundation Engg.
Dept. of Civil Engineering
Anna University, Chennai-600 025
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FINAL BULLETIN - MAY 2013

TECHNICAL COMMITTEE

Dr. K. Premalatha, Anna University
Dr. V. Balakumar, Simplex Infrastructure
Dr. G. R. Dodagodar, IIT Madras
Dr. Dali Naidu Arnepalli, IIT Madras
Dr. Subhabeep Banerjee, IIT Madras
Dr. T. Thyagaraj, IIT Madras
Dr. V. B. Maji, IIT Madras
Dr. S. Karthigeyan, Anna University
Dr. G. Janardhanan, NITTTR Chennai

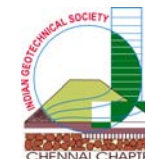
IMPORTANT FACTS

No of papers accepted	68
No of papers to be presented	68
No of technical Sessions	12
No of keynote lectures	05
No of invited lectures	05
Free accomodation and travel assistance to presenting authors	

Organised by

IGS Chennai Chapter

Indian Institute of Technology Madras
Anna University, Chennai



INVITATION

Indian Geotechnical Society, Chennai Chapter, in association with Indian Institute of Technology, Madras and Anna University, Chennai, extends a hearty invitation to the geotechnical engineers to attend the Fourth Indian Young Geotechnical Engineers' Conference (IYGEC-2013), being held at IIT Madras, Chennai, during 17-18 May, 2013.

CONFERENCE THEMES

1. Soil Behaviour
2. Ground Improvement
3. Geosynthetics
4. Geoenvironmental Engineering
5. Foundations
6. Underground Structures
7. Soil Dynamics & Earthquake Engineering
8. Site Investigation

VENUE

The Conference will be held in the IC & SR auditorium and other conference halls of IIT Madras, Chennai.

REGISTRATION FEE

For authors and coauthors INR 500

For others INR 1500

Offer: Conference kit, lunch and refreshments, conference proceedings, interesting keynote and invited lectures and presentations by young engineers

FOURTH
INDIAN YOUNG GEOTECHNICAL
ENGINEERS CONFERENCE
17 - 18 MAY
2013
4IYGEC

CONFERENCE SCHEDULE

Day 1, 17th May 2013

8:30 - 9:00 Registration

9:00 - 9:30 Inauguration

9:30 - 10:00 High tea

10:00 - 11:30 **Session 1:** Key Note Lectures, Chair: Prof. S. V. Ramaswamy

1. *Current state of the art on Piezocone Penetration Testing;*

Prof. Debasis Roy, IIT Kharagpur

2. *Estimating rock mass properties for civil engineering structures*

Prof. Mahendra Singh, IIT Roorkee

3. *Challenges in underground metro construction*

Dr. Kumar Pitchumani, AECOM India Pvt Ltd

11:30 - 11:45 Tea Break

11:45 - 13:00 **Session 2:** Invited Lectures, Chair: Prof. H. N. Ramesh

1. *Geosynthetic reinforced walls and slopes to dynamic shaking*

Dr. G. Madhavi Latha, IISc, Bangalore

2. *Foundation Interferences- its consequences;*

Dr. Priyanka Ghosh, IIT Kanpur.

3. *Shredded Tyres-Sand Mixtures as a Geomaterial;*

Dr. B. Umashankar, IIT Hyderabad

13:00 - 14:00 Lunch break

14:00 - 16:00 **Session 3:** (Parallel)- Soil Behaviour- Chair: Dr. G. Janardhanan

Session 4: (Parallel)- Ground Improvement-Chair: Dr. T. Thyagaraj

16:00 - 16:30 Tea Break

16:30 - 18:00 **Session 5:** (Parallel)- Geosynthetics- Chair: Dr. K. Premalatha

Session 6: (Parallel)- Foundations- Chair: Dr. V. Balakumar

Day 2 18th May 2013

9:00 - 11:15 **Session 7:** Key Note Lectures, Chair: Prof. A. Boominathan

1. *Geotechnical site investigation and analysis for tunnels & underground construction*

Prof. T. G. Sitharam, IISc, Bangalore

2. *Geotechnical challenges in power plants;* **Dr. D. N. Naresh**, NTPC

Session 8: Invited Lectures, Chairman: Prof. V. K. Stalin

1. *Centrifuge Modelling of Tunnelling Induced Ground Deformation*

Dr. Ashish Juneja, IIT Bombay

2. *Dynamic response of pile foundations;* **Dr. R. Ayothiraman**, IIT Delhi

11:15 - 11:45 Tea Break

11:45 - 13:00 **Session 9:** (Parallel)- Underground structures, Chair: Dr. V. B. Maji

Session 10: (Parallel)- Site Investigation, Chair: Mr. I. V. Anirudhan

13:00 - 14:00 Lunch

14:00 - 16:00 **Session 11:** Soil dynamics and earthquake engineering,

Chair: Dr. Subhadeep Banerjee

16:00 - 16:30 Tea Break

16:30 - 18:00 **Session 12:** Geoenvironmental Engineering,

Chair: Dr. D. N. Arnepalli

Concluding session

FOURTH INDIAN YOUNG GEOTECHNICAL ENGINEERS CONFERENCE (4IYGEC-2013)

17 - 18 May 2013

Registration Form

Name:

Date of birth:

Position and Affiliation:

Address:

Phone No.:

E-mail:

I enclose a crossed demand draft drawn in favour of Indian Geotechnical Society, Chennai Chapter, payable at Chennai. Please request for Bank account details for direct remittance [4iygec2013@gmail.com]. [INR 500 for authors & coauthors and INR 1500 for other registrants. Preregister by email for spot payment at the conference venue]

DD No. _____ Amount: Rs. _____

Bank: _____ Date: _____

Date: _____ Signature: _____