

**4<sup>TH</sup> INDIAN YOUNG GEOTECHNICAL ENGINEERS CONFERENCE****IC & SR Auditorium, IIT Madras, Chennai****17, 18 May 2013****TECHNICAL PROGRAMME**

<b>Date/Day</b>	<b>Time</b>	<b>Programme</b>	
<b>Day 1</b> <b>17<sup>th</sup> May 2013</b> <b>Friday</b>	8:30 - 9:00	Registration	
	9:00 - 9:30	Inauguration	
	9:30 - 10:00	High tea	
	10:00 - 11:30	<b>Session 1: Key Note Lectures</b> , Chairman: 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	<b>Session 2: Invited Lectures</b> , Chairman: 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	<b>Session 3: Soil Behaviour</b> , Chairman: Dr. G. Janardhanan <b>Session 4: Ground Improvement</b> , Chairman: Dr. T. Thyagaraj	
	16:00 - 16:30	Tea Break	
	16:30 - 18:00	<b>Session 5: Geosynthetics</b> - Chairman: Dr. K. Premalatha <b>Session 6: Foundations</b> - Chairman: Dr. V. Balakumar	
	<b>Day 2</b> <b>18<sup>th</sup> May 2013</b> <b>Saturday</b>	9:00 - 11:15	<b>Session 7: Key Note Lectures</b> , Chairman: 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 <b>Session 9: Invited Lectures</b> , 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 3. Ground Improvement – Principles & Applications in India Keller Ground Engineering
		11:15 - 11:45	Tea Break
11:45 - 13:00		<b>Session 9: Underground Structures</b> , Chairman: Dr. V. B. Maji <b>Session 10: Site Investigation</b> , Chairman: Mr. I. V. Anirudhan	
13:00 - 14:00		Lunch	
14:00 - 16:00		<b>Session 11: Soil dynamics and Earthquake Engineering</b> , Chairman: Dr. Subhadeep Banerjee	
16:00 - 16:30		Tea Break	
16:30 - 18:00		<b>Session 12: Geoenvironmental Engineering</b> , Chairman: Dr. D. N. Arnepalli <b>Concluding Session</b>	