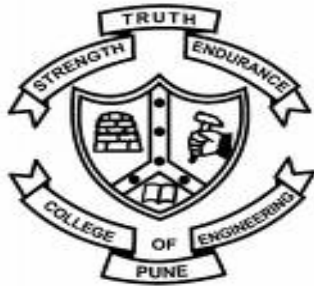


FINAL BULLETIN

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IGS, Pune Chapter



Savitribai Phule Pune University

organises

50th INDIAN GEOTECHNICAL CONFERENCE (IGC –2015)

**GEOTECHNICS FOR INFRASTRUCTURE & FOUNDATION TECHNIQUES
(GIFT)**

17-19 December 2015

to be held at



College of Engineering, Pune

(An Autonomous Institute of Govt. of Maharashtra)

PUNE – 411 005

www.coep.org.in

GREEN CONFERENCE

INVITED PLENARY SPEAKERS

FROM ABROAD

S.No.	NAME	DETAILS
1	Anand Puppala	University of Arlington, Texas, US anand@uta.edu
2	Buddhima Indraratna	University of UOW, Australia buddhima_indraratna@uow.edu.au
3	Hemanta Hazarika	Kyushu University, Japan, hazarika112@gmail.com
4	Ikuo Towhata	Vice-President, ISSMGE(Asia), University of Tokyo, Japan, towhata@geot.t.u-tokyo.ac.jp
5	Michael Lisyuk	Consultant, Russia lisyuk@gmail.com
6	Silvano Marchetti	University of L' Aquila, Italy silvano@marchetti-dmt.it

FROM INDIA

S.No.	NAME	DETAILS
1	AlokAvasthy	Commandant, NDRF alokavasthy@gmail.com
2	V K Raina	Consultant, World Bank rainavk1@rediffmail.com
3	Manoj Verman	Consultant, Delhi m_verman@yahoo.com
4	Narayan V. Nayak	Tech. Advisor, Gammon India nvn@gammonindia.com
5	Chandan Ghosh	NIDM, Delhi cghosh24@gmail.com
6	G L Sivakumar Babu	IISc Bangalore gls@civil.iisc.ernet.in
7	Manoj Datta	IIT Delhi mdatta@civil.iitd.ac.in

SUB THEME SPEAKERS

Sr. No.	SPEAKER	AFFILIATION	PAPER TITLE
1.	Prof. Cholachat Rujikiatkamjorn	Associate Professor University of Wollongong, Australia	SMEAR ZONE CHARACTERIZATION: CONCEPTUAL MODEL
2.	J S Vinod	Associate Professor University of Wollongong, Australia	BEHAVIOR OF SAND-TYRE CHIP MIXTURE DURING MONOTONIC AND CYCLIC LOADING
3.	Sanjay Nimbalkar	Associate Professor University of Wollongong, Australia	EFFECTS OF FOULING AND DEGRADATION ON GEOTECHNICAL BEHAVIOUR OF RAILWAY BALLAST
4.	Bashir A. Mir	Associate Professor NIT Srinagar	AN EXPERIMENTAL STUDY ON THE CHARACTERIZATION AND BEHAVIOR OF STABILIZED DREDGED SOIL FROM FLOOD SPILL CHANNEL OF JHELM RIVER SRINAGAR
5.	S Rajesh	Assistant Professor IIT Kanpur	GAS BREAKTHROUGH CHARACTERISTICS OF COMPACTED SOIL BARRIERS UNDER VARIOUS TEST CONDITIONS
6.	Vishwas Sawant	Associate Professor IIT Roorkee	COUPLED FINITE ELEMENT ANALYSIS OF STRIP FOOTING RESTING ON PARTIALLY SATURATED SOIL
7.	Vikas Thakur	Professor Norwegian University of Science and Technology (NTNU)	INTERPRETATION OF UNDRAINED SHEAR STRENGTH OF SOFT MARINE CLAY DEPOSITS BASED ON LABORATORY AND IN-SITU TESTING METHODS
8.	S. Sireesh	Associate Professor IIT Hyderabad	BEHAVIOR OF GEOCELL REINFORCED GRANULAR BASES OVERLYING WEAK SUBGRADE UNDER SINGLE AXLE WHEEL LOAD
9.	B. Munawar Basha	Associate Professor IIT Hyderabad	COMPACTION CHARACTERISTICS OF HYDERABAD MUNICIPAL SOLID WASTE LANDFILLS
10.	Sai Vanapalli	Associate Professor University of Ottawa, Canada	REDICTION OF VARIOUS MECHANICAL PROPERTIES OF AN UNSATURATED FINE-GRAINED SOIL USING A SIMPLE UNIFIED MODEL
11.	Jaykumar Shukla	AGM, L&T – Sargent & Lundy ltd, Vadodara	SEISMIC SLOPE STABILITY OF ASH TAILING DAMS IN INDIA
12.	Vikas S Patil	C.M.D, Savi Infra Pvt. Ltd., Pune	SMART SOLUTIONS IN INFRASTRUCTURE DEVELOPMENT OF SMART CITIES: EARTH RETAINING STRUCTURES
13.	Dr. K R Dhawan	Scientist 'D' CWPRS, Pune	ROCK MECHANICS STUDIES FOR HEAD RACE TUNNEL AT KUMBHE H.E PROJECT, MAHARASHTRA

CONFERENCE SCHEDULE

17 December 2015

- | | |
|--------------------|---|
| 9.00 – 10.30 a.m. | Inauguration |
| 10.30-11.00 a.m. | Inauguration of Exhibition & Tea |
| 11.00 - 12.00 noon | IGS Annual Lecture –Dr. S. R. Gandhi, IIT, Chennai |
| 12.00 – 1.30 p.m. | Plenary Lectures :
Dr. Buddhima Indraratna
Dr Anand J Puppala
Dr. Hemanta Hazarika |
| 1.30- 2.30 p.m. | Lunch |
| 2.30 –4.00 p.m. | Plenary Lectures :
Er. N V Nayak
Dr Manoj Datta
Dr. V K Raina |
| 4.00 – 4.30 p.m. | Tea Break |
| 4.30– 6.00 p.m. | Parallel Technical Sessions: |
| 1. | Sub-Theme 2: Challenges In Expansive Soils - Mini Auditorium
Sub-Theme Speaker: B A Mir |
| 2. | Sub-Theme 3: Design Of Foundation In Urban Areas – AC 101
Sub-Theme Speaker: R. Cholachat |
| 3. | Sub-Theme 5: Earthquake Geotechnical Engineering – AC 102
Sub-Theme Speaker: Jay KumarShukla |
| 4. | Sub-Theme 6: Environmental Geotechnics – AC 103
Sub-Theme Speaker: S. Rajesh |
| 5. | Sub-Theme 14:Investigations – Geological, Geotechnical and – AC 104
Sub-Theme Speaker: Rupam Mahanta |

6. Sub-Theme 10: Geotechnics for Infrastructure, Transportation and High Speed Railways – AC 201
Sub-Theme Speaker: [Sanjay Nimbalkar](#)
7. Sub-Theme 7: Geosynthetics And Their Applications – AC 202
Sub-Theme Speaker: [Ashish Gharpure](#)

6.00 p.m. IGS Annual General Meeting (AGM)

18 December 2015

9.00 – 9.30 a.m. Bharat Ratna Sir M. Visvesvaraya Annual lecture –
Dr. Sharad.Y.Mhaiskar, Dean, MPSTME, Mumbai

9.30 -11.00 a.m. Plenary Lectures :
Dr. Ikuo Towhata
Dr. Manoj Verman
Cmdt. Alok Avasthy

Corporate Presentations

11.00 - 11.30 noon Tea Break

11.30 – 1.30 p.m. Parallel Technical Sessions

1. Sub-Theme 2: Challenges In Expansive Soils - Mini Auditorium
Sub-Theme Speaker: [Vikas Thakur](#)
2. Sub-Theme 3: Design Of Foundation In Urban Areas – AC 101
3. Sub-Theme 5: Earthquake Geotechnical Engineering – AC 102
Sub-Theme Speaker: [G Madhavi Latha](#)
4. Sub-Theme 6: Environmental Geotechnics – AC 103
Sub-Theme Speaker: [Munwar Basha](#)
5. Sub-Theme 14: Investigations – Geological, Geotechnical and – AC 104

6. Sub-Theme 10: Geotechnics for Infrastructure, Transportation and High Speed Railways – AC 201

Sub-Theme Speaker: [Dr. Ashok Nene](#)

7. Sub-Theme 7: Geosynthetics And Their Applications – AC 202

Sub-Theme Speaker: [Gautam Dalmiya](#)

1.30- 2.30 p.m.

Lunch

2.30 – 5.30 p.m.

Parallel Technical Sessions with tea break(4.00 - 4.30 p.m.)

1. Sub-Theme 13: Ground Improvement Techniques - Mini Auditorium

Sub-Theme Speaker: [J S Vinod](#)

2. Sub-Theme 3: Design Of Foundation In Urban Areas – AC 101

3. Sub-Theme 5: Earthquake Geotechnical Engineering – AC 102

4. Sub-Theme 8: Geotechnical Applications in Coastal and Marine Environment – AC 102

Sub-Theme Speaker: [S. Sireesh](#)

5. Sub-Theme 18: Physical And Numerical Modeling – AC 103

Sub-Theme Speaker: [Vishwas Sawant](#)

6. Sub-Theme 14: Investigations – Geological, Geotechnical and – AC 104

7. Sub-Theme 10: Geotechnics for Infrastructure, Transportation and High Speed Railways – AC 201

Theme 15: Landslides, Disaster Management and Risk Mitigations in urban & rural areas - AC 201

Sub-Theme Speaker: [Thiru Kulkarni](#)

8. Sub-Theme 9: Geotechnics for Earth Retaining Structures and Dams– AC 202

Sub-Theme Speaker: [Vikas Patil](#)

6.00 – 8.00 pm Cultural Programme

8.00 p.m. onwards

Banquet Dinner

19 December 2015

9.00 -11.00 a.m.

Plenary Lectures :

Dr. Michael Lisyuk

Dr. Silvano Marchetti

Dr. Chandan Ghosh

Corporate Presentations

11.00 - 11.30 noon

Tea Break

11.30 – 1.30 p.m.

Parallel Technical Sessions

1. Sub-Theme 13: Ground Improvement Techniques - Mini Auditorium
 2. Sub-Theme 3: Design Of Foundation In Urban Areas – AC 101
Sub-Theme Speaker: [Dr. D M Dewaikar](#)
 3. Sub-Theme 4: Developments In Rock Mechanics for infrastructure, Tunnels and Underground Openings – AC 102
 4. Sub-Theme 8: Geotechnical Applications in Coastal and Marine Environment – AC 102
Sub-Theme Speaker: [Dr. K R Dhawan](#)
 5. Sub-Theme 18: Physical And Numerical Modeling – AC 103
 6. Sub-Theme 14: Investigations – Geological, Geotechnical and – AC 104
 7. Sub-Theme 1: Applications of GIS and Remote Sensing for Geotechnical Engineering– AC 201
- Sub-Theme 11: Geotechnics for Unsaturated Soils – AC 201
Sub-Theme 12: Geotechnics for Urban Development, Planning & High Rise Structures – AC 201
Sub-Theme 16: New concepts in Professional practices and Geotechnical Education – AC 201
Sub-Theme Speaker: [Sai Vanapalli](#)

1.30- 3.00 p.m.

Lunch

3.00 p.m.onwards

Closing Ceremony followed by Tea