

# 3<sup>rd</sup> Indo-Korea Joint Geotechnical Engineering Workshop

on

## **Geotechnical Issues for Urbanisation**



**Date: Wednesday 18<sup>th</sup> December 2019**  
(Pre-conference workshop of IGC-2019)



Indian Geotechnical Society (IGS)

Venue:

Korean Geotechnical Society (KGS)

The LE-MERIDIEN,  
Magdalla Circle, Dumas Road, Surat, Gujarat, India 395007.

Time (IST)	Session No.	Invited Speaker	Title of Presentation
<b>8:30 - 9:00 Registration</b>			
<b>9:00 - 9:45 Inauguration</b>			
Prof. G.L. Sivakumar Babu (IGS President), Prof. E.C. Shin (ISSMGE Vice President (Asia)), Prof. J. T. Shahu (IGS Secretary), Prof. S. R. Gandhi (Director SVNIT-Surat), Prof. Deepankar Choudhury (Convener from IGS), Prof. Jong-Sub Lee (Convener from KGS), Prof. C. H. Solanki (Chairman, IGC-2019), Er. Hitesh Desai (Co-Chairman, IGC-2019)			
<b>9:45 – 10:15 Tea Break</b>			
<b>Technical Session - I (10:15 – 13:15) (Chair: Prof. Ikuo Towhata)</b>			
10:15-10:45	1	Prof. Eun Chul Shin (Vice President ISSMGE-Asia, KGS )	Social Infrastructures of Songdo Economic Free Zone in Incheon
10:45-11:15	2	Prof. M. R. Madhav (Former Vice President ISSMGE-Asia, IGS)	Shaft and Base Resistances of a Rigid Pile from Load Test Results
11:15-11:45	3	Prof. V. S. Raju (Former Director, IIT Delhi, IGS)	Need for Foundation optimisation in Urban Infrastructure; Case studies
11:45-12:15	4	Prof. Jong-Sub Lee (Convener and Secretary of International Affairs, KGS)	Detection and Characterization of Ground Cavity in Urban Areas using Ground Penetrating Radar (GPR)
12:15-12:45	5	Er. Ravikiran Vaidya (Principal Engineer, Geo Dynamics, IGS)	Recent Trends in Deep Foundation Testing in India
12:45-13:15	6	Prof. Sang Seom Jeong (Former President KGS, KGS)	Strength Recovery in Liquefied Korean Weathered Soil
<b>13:15 – 14:15 Lunch Break</b>			
<b>Technical Session - II (14:15 – 15:45) (Chair: Prof. A. Boominathan)</b>			
14:15-14:45	7	Er. Steve Davies (Technical Director, Royal Haskoning DHV India)	Piled Foundations in Maritime Construction - Global Variations, Trends and Emerging Technologies
14:45-15:15	8	Prof. G. Madhavi Latha (IISc Bangalore, IGS )	Geotechnical Challenges in Connecting Jammu and Kashmir by Train
15:15-15:45	9	Mr. Arvind Srivastava (Chief Engineer & Head Civil, NPCIL)	Foundation Design of Nuclear Structure in Alluvial Soil
<b>15:45-16:00 Tea Break</b>			
<b>Technical Session - III (16:00 – 17:00) (Chair: Prof. A. Murali Krishna)</b>			
16:00-16:30	10	Daewoo - Tata Projects (IGS/KGS Speaker)	Design and Construction Challenges of RCD Piling for Marine Bridges (MTHL-Pkg2) in India
16:30-17:00	11	Prof. Jong-Sub Lee (Secretary of International Affairs, KGS)	Skin Friction of Driven Piles Considering Scouring
<b>17:00-17:30 Panel Discussion and Concluding Session</b>			
Prof. E. C. Shin, Prof. M. R. Madhav, Prof. Deepankar Choudhury, Prof. Jong-Sub Lee, Er. Hitesh Desai, Prof. D. L. Shah, Dr. Jaykumar Shukla, Prof. C. H. Solanki			

### Chief Sponsor



49, Atmajyoti Nagar Society, Near Atmajyoti Ashram, Ellora Park, Vadodara - 390 023  
Phone: +91 265 2393205, 2388139  
Email id: jaykumar@geodynamics.net

### Technical Contact:

Prof. Deepankar Choudhury  
Convener, 3<sup>rd</sup> Indo-Korea Joint Workshop IGS,  
Institute Chair Professor,  
Department of Civil Engineering,  
IIT Bombay, Powai, Mumbai 400076, India  
Email id: dc@civil.iitb.ac.in; dchoudhury@iitb.ac.in

### For Workshop Registration Use Link

<https://igc2019.com/IGC2019/RegisterForm>  
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For any query regarding registration:  
Jiji Krishnan +91 7201819498  
Mohit Mistry +91 7405892539