

A Bulletin of the
Indian Geotechnical Society

IGS NEWS

Vol. 45 No. 4

Editor : Mr. Jai Bhagwan

October-December, 2013



The President's Message

Dear Fellows/
Members,

Season's greetings and best wishes for the New Year-2014.

Since its establishment in the year 1948, our Society has grown year after year and has done marvelous job in disseminating Geotechnical knowledge within India and also across the world. Our members have represented IGS at international level and have contributed to important projects around the world.

India has embarked on massive Energy, Irrigation and Infrastructure development plan to make our country Industrial Superpower within next few decades. The plan includes construction of Thermal & Nuclear power plants, Highways & Expressways, Underground metros, and Dams..... all requiring Geotechnical expertise for their successful and safe installations. The country also faces problems of recurring earthquakes, landslides, floods and other natural calamities requiring ingenious disaster mitigation techniques and solutions to minimize risk to human life and property. Further, if we look it broadly, there is a saying: Roti-Kapada & Makan i.e. Food-Clothes & Shelter; these are humans' basic needs. Therefore, as long as human race exists, demand for shelter and infrastructure will remain. Thus, requirement of geotechnical expertise will be never ending.

Let us also think Outside the Box. Currently research is going on to use

genetically engineered micro organisms to manufacture high strength materials. Smart materials and Self-repairing materials may see the day light soon. Metallic memory is being tried in incorporating during manufacture of materials such that upon deformation, the implanted memory will bring the material back to its original shape. Knowledge has no boundaries. Principles of one area of civil to other areas of civil, one area of engineering to other areas of engineering, Engineering principles to Medicine and vice versa.....are being applied. So there is going to be plenty of opportunities for all future engineers.

For success of any project, three phases are important: 1st Design, 2nd Construction and 3rd Instrumentation & Monitoring. We are fairly good with 1st phase, weak with 2nd phase due to poor or deliberate poor QC while the 3rd phase is hardly given any serious consideration. Thus there is a general concern with regard to the quality of work being produced and this is being echoed by most of us time and again. The quality related problem is faced by other professions also. We all need to stop to be too greedy about money and start worrying about the safety and economy of our structures. This can happen fast if we common people change our perception and start respecting honesty and integrity of our citizens more than their wealth.

Friends, when I took over as IGS President in December last year, I had promised that we shall continue with the usual routine

activities of the Society but we shall also make reforms and modifications in our procedures wherever needed and also take new initiatives in IGS activities. Because of the faith you have reposed in me as your President and the support, cooperation and advice I have received from the excellent team you have given to me-the Executive Committee members; I have been able to move to great distance in fulfilling my promise during 1st year of my tenure. I ask you to refer to my report included in 55th AGM notice for the details. Among new initiatives, two are latest: (1) Young Geotechnical Engineers (YGE) are the future of IGS. To encourage them to get involved and participate in Geotechnical research and field work, biannual Best Paper Awards especially for YGE are now instituted. The first set of even-year Awards totaling eight (8) will be given during IGC-2014. I ask all YGE to participate and submit their papers when called for. (2) We are going to issue ID cards to our members starting from year-2014. Details are provided in this News Bulletin.

The last but not the least, the magnificent IGC-2013 was organized by the Roorkee Chapter during 22-24 December, 2013. The Conference was a grand success. I am confident that after three days of deliberations, the participants went home enriched with further knowledge, having enjoyed good hospitality and made new friends. Congrats to all the members of IGC-2013 organizing committee.

Prof. G. N. Gandhi
gngandhi9002@yahoo.co.in



IGC-2014

INDIAN GEOTECHNICAL CONFERENCE

Geotechnics for Inclusive Development of India (GEOIND)



December 18-20, 2014

Venue:

Jawaharlal Nehru Technological University, Kakinada

Organized by:

IGS-Kakinada Chapter and Jawaharlal Nehru Technological University, Kakinada

Invitation

Indian Geotechnical Society, Kakinada Chapter and Jawaharlal Nehru Technological University, Kakinada extend you a hearty invitation to IGC-2014 to be held in Kakinada during 18-20 December 2014.

IGS Kakinada Chapter

Inaugurated in the year 1989, IGS Kakinada Chapter has been one of the most vibrant chapters of the national professional body. The chapter, which has ever 150 members, has organized several conferences, seminars, symposia and work-shops over the years. Two major conferences, Terzaghi-1996 and CONCEPTS-2006 are still green in the memory of the participants. Members of the chapter have contributed significantly to research in the areas of expansive soils and ground improvement.

About JNTU Kakinada

Jawaharlal Nehru Technological University, Kakinada has been started in 2008, by trifurcating JNTU Hyderabad. The University has been striving to grow into a world-class university. A Series of reforms have been initiated recently to make learning on 'out come - based' experience rather than a teacher - centric and monotonous exercise. Excellence is its watch - word.

Conference Themes

The main theme of the conference is 'Geotechnics for Inclusive Development of India'.

The Sub-themes are:

- Innovative Techniques in Field and Laboratory Testing
- Earthquake Geotechnical Engineering and natural Disaster Mitigation
- Ground Improvement and Geosynthetics
- Design and Construction Practices for Rural Roads
- Environmental Geotechnics
- Remote Sensing and GIS Applications
- Numerical and Physical Modeling
- Rock Studies in Geotechnical Engineering

- Developments in Design and Construction of Foundations
- Risk Analysis and Reliability
- Embankments, Slope Stability and Earth Dam Engineering
- Green Practices and Sustainable Development of Infrastructure
- Forensic Geotechnical Engineering
- Geotechnical Education and Professional Practice

Proceedings

Proceedings of the Conference in CD will consist of key-note addresses and invited papers. Besides, they contain contributed papers. A CD of the proceedings will be sent to the delegates who register before 31st October 2014, a month ahead of the conference.

Call for Abstracts

Authors interested in contributing papers for the Conference are requested to send extended abstracts not exceeding 300 words by e-mail on the sub-themes mentioned, by furnishing the following information along with them;

- Sub-theme number
- Title of the paper
- Names(s), affiliation (s) and e-mail ID(s) of the authors

Important Dates

Submission of abstracts	15 April 2014
Acceptance of abstracts	5 May 2014
Last date for receipt of full-length paper	15 July 2014
Acceptance of full-length papers	5 Sept. 2014

Exhibition

A technical exhibition will be arranged near the conference venue. An enclosed space of 3m x 3m with a table, two chairs and power supply will be made available at a tariff of Rs.30,000/- for domestic exhibitors and US\$ 1500 for exhibitors from abroad. Exhibitors will get two free delegates. Manufacturers, Consultants, Contractors, Equipment Suppliers, Service Providers etc. are invited to avail of the opportunity.

Registration Fees

Category	Up to 31st Oct. 2014 (Rs.)	After 31st Oct. 2014 (Rs.)
IGS Member	4000	4500
Non-IGS Member	4500	5000
SAARC Country delegates	6000	7000
Other Countries	300 USD	400 USD
Senior Citizens (above 60 years as on 18th December, 2014)	2000	2500
Students PG	2000	2000
UG	1500	1500
Accompanying Persons	1500	2000

All payments should be made through demand draft/at par cheque drawn in favour of IGC-2014, payable at Kakinada.

Sponsorship

The Tariffs for sponsorship are as under:

Category	Sponsorship Fee	Free Delegates	Free Souvenir Advertisement
Diamond*			
Platinum	Rs.2 Lakhs	6	Full-page Colour
Gold	Rs.Lakh	4	Full-page Colour
Silver	Rs.50,000	2	Half-page Colour
Bronze	Rs.25,000	1	Half-page colour

*Contact the Organizing Secretary for more details

Besides, sponsorship slots are available for banquet, cultural programme, lunch and dinners.

Contact

Prof. K. Ramu

Phone: +91 9704198555

E-mail: kramujntu@gmail.com

Dr. R. Dayakar Babu

Phone: +91 9985678426

E-mail: baburd1108@hotmail.com

C/o Department of Civil Engineering
University College of Engineering Kakinada
Jawaharlal Nehru Tech. University Kakinada
Kakinada-533003, Andhra Pradesh, India
E-mail: igc2014kakinada@gmail.com
Website: www.igc2014kakinada.org

A BRIEF REPORT ON INDIAN GEOTECHNICAL CONFERENCE (IGC-2013)

The IGS Roorkee Chapter organized Indian Geotechnical Conference (IGC 2013) in association with Indian Institute of Technology (IIT) Roorkee and CSIR-Central Building Research Institute (CSIR-CBRI) Roorkee. The conference was held in the Department of Civil Engineering, IIT Roorkee during Dec 22-24, 2013. The primary theme of the conference was Geotechnical Advances and Novel Geomechanical Applications (GANGA).

After announcement of the conference, the enthusiasm of geotechnical fraternity became evident in the form of an over whelming response when the technical committee received more than 500 abstracts covering all aspects of geotechnical engineering in 14 sub-themes. About 500 delegates attended the conference. The conference was inaugurated by Er. Anoop Kumar Mittal,

Chairman and Managing Director, NBCC New Delhi. Prof G. N. Gandhi, President, Indian Geotechnical Society(IGS) presided over the inaugural function. Prof Pradipta Banerji, Director IIT Roorkee and Dr. S K Bhattacharyya Director CSIR-Central Building Research Institute (CSIR-CBRI) Roorkee graced the occasion as Patrons of the conference. The IGS annual lecture was delivered by Dr. Mahavir Bidarasia on the topic Geotechnical Problems in Dams - Case Studies. IGS awards were presented during the inaugural function. 180 full length papers were presented in 17 technical sessions in addition to 15 invited keynote lectures in 4 plenary sessions. The key note lectures were delivered by seven experts from abroad; four from Japan and one each from Australia, Germany and Singapore. There was a Special Session on the Disaster of Uttarakhand - Facts and Lessons. IGC

2013 has provided an excellent platform for interaction among experts from construction industry, design and consultancy organisations, Govt., public and private sectors as well as multi-national organisations and research and academic institutions. A Geotechnical Exhibition was also organised in which 32 exhibitors from all over India exhibited their products and capabilities. Prof Deepak Kashyap, Head Department of Civil Engineering inaugurated the exhibition. The Valedictory function was graced by Prof Ikuo Towhata of University of Tokyo-Vice President Asia, International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) with President, IGS presiding over the function.

For photo feature on IGC-2013 please refer page 10-11

IGS Membership Cards

It has been decided to issue membership card (ID card) to individual members. All IGS individual members are requested to provide information in the following format along with recent photograph on or before April 30, 2014 to IGS Secretariat, New Delhi. Early response will facilitate issue of cards at the early date. The Student membership-a special category by its nature is an annual membership and is not eligible for ID card.

Note: Details be provided in BLOCK LETTERS in black ink.

Name: _____

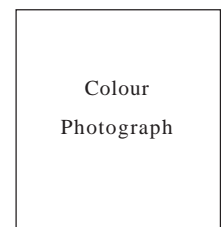
Membership Category and No. _____

Address _____

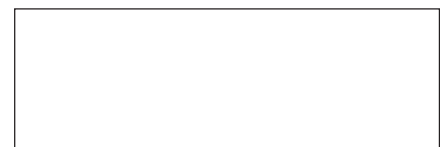
Name of City _____ State _____ Pincode _____

Mobile : _____ E-mail: _____

Blood Group: _____ Date of Birth (DD/MM/YYYY): _____



Signature of member in the box →



Local Chapter News

IGS Indore Chapter

IGS Indore Chapter in association with Vindhya Institute of Technology & Science Indore organized a one day National Training Workshop on "Soil Highway Material Testing & Concrete Mix Design (SHMMD-13)" on 21st September 2013. The inaugural function of the event was arranged at 10:30 am in the auditorium of VITS, Dr .S. S. Bhadoria, Director of SGSITS was the Chief Guest, Dr.R.S.Tare Director of VITS Indore presided over the function, Dr. H.S.Mehta organising Chairman of SHMMD-13 delivered the welcome address, Dr. Vandana Tare Hon. Secretary narrated various activities of the chapter and about the program , Dr. H.K.Mahiyar expressed about the



Releasing Proceedings of Workshop

background and need of such event and proposed the vote of thanks. Er. Priya Chouhan Head of Civil Engg. Department VITS Indore presented mementos to the guests.

About 200 student delegates from various govt. and private institutions attended the program. This activity has been arranged since 2002 every year and it is having overwhelming response.

IGS Indore chapter in association with Civil Engineering & Applied Mechanics Department SGSITS Indore organized Geotechnical Day-2013 celebration as

Karl Tarzaghi's Birthday & IGS gold medal ceremony on 21st Oct 2013 in Golden Jubilee Auditorium of SGSITS, Dr. Sudheer Bhadauria Director, SGSITS

and need of such event .Dr Vijay Rode highlighted the life sketch of Karl Tarzaghi.



A View of the Inaugural

Indore was the Chief Guest of the function. Prof. H.S. Mehta Chairman of IGS Indore chapter delivered the welcome address. Dr. Vandana Tare Hon. Secretary narrated various activities of the chapter and expressed about the background

Six Gold Medals sponsored by various agencies were awarded to: Mr Rahil Gupta, Ms Sunita Jain, Mr Faraz Ahmad & Mr Gaurav Khadelwal. On this occasion Er Mukesh Chouhan Chief Engineer and Secretary of Narmada Control Authority delivered lecture on Lower Narmada Zone Projects- Geology & Foundation Treatment. Dr. H. K. Mahiyar proposed the vote of thanks. Dr. Vijay Rode and Er. Kapil Bhalla presented mementos to the guests. This is the regular activity of IGS Indore chapter and is organised every year.

IGS Kochi Chapter

The Indian Geotechnical Society, Kochi Chapter (IGS-Kochi) in association with the Association of Piling Specialists (API), Kochi Centre organized the second annual Lecture in the memory of late Sri. Praphulla Kumar, the founder Vice Chairman of IGS-Kochi Chapter. The lecture was delivered by the eminent Geotechnical Engineer Dr.N.V.Nayak, Principal Consultant, Gammon India Ltd., and the Managing Director of Geocon

International P.Ltd. on 28th Sept 2013 at the Hotel Mercy, Kochi. The topic was 'Innovative Developments in Bored Cast-in-situ Piling Practices'.

The function was presided over by Sri M.D.Nair, Chairman of IGS Kochi Chapter. He gave a brief account of the background of the lecture series held annually. He also narrated the service Sri. Praphulla Kumar rendered to the Geotechnical Community. He expressed satisfaction that the idea of Dr.Babu T Jose, Patron of IGS Kochi Chapter that

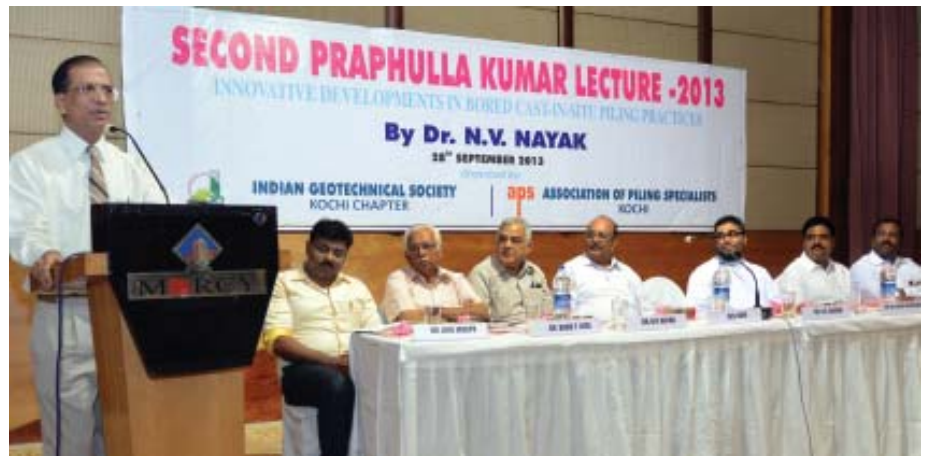
the lecture series from second year onwards would be a full day activity to gain benefits to the participants, by including more interactive sessions.

A brief message of Good Wishes from Mrs.Sadhana Verma, wife of Sri.Praphulla Kumar was video cast to the audience.

The Chief Guest Dr.G.N.Gandhi, President IGS expressed his admiration to the organizers that the day's deliberations were extremely useful to both the practising engineers and to the student community. Dr. Gandhi later released the

lecture copy and presented to Rev.Dr.Clement Valluvassery, Manager of Albertian Institute of Science and Technology (AISAT), who was present during the occasion for signing, later during the session, an MOU with IGS Kochi Chapter for a very intimate industry-institute interaction. As a part of the MOU, an IGS Kochi-AISAT award was announced by Dr.Babu T Jose for the best M.Tech project in Geotechnical Engineering to be given out every year, which will include a cash prize of Rs.10,000, a memento and a certificate to the winner. Eventhough the MOU with IGS-Kochi Chapter was signed only later on during the day's deliberations, the competition was held earlier to decide the winning project. The Director of AISAT and Patron of IGS Kochi Chapter Dr.Babu T Jose was the chairman of the selection committee to decide the winner.

Dr.N V Nayak delivered a very informative and interesting talk on innovations in modern piling practices, citing examples of many installations in the country where he was involved intimately as designer and also as a contractor. He gave elaborate details of some of the shortcomings in piling practices and innovative remedial measures adopted to overcome those. He also spoke of new and improved methods using simple tools to improve the efficiency of piling process



Prof. G.N. Gandhi, President, IGS delivering the inaugural address

and to prevent failures. Following the lecture, there was overwhelming response from the participants which led to a very lively question-answer session. The standing ovation and the long applause given to Dr.Nayak was itself a proof of a great appreciation from the participants.

Earlier, Mr. Martin Kuruvilla, President of API-Kochi Centre extended a warm welcome to the Guest speaker, Chief Guest and all other participants, Dr. Anil Joseph, Hon. Secretary of IGS-Kochi Chapter introduced the Guest Speaker and Mr.Chandra Mohanan, Secretary, APS-Kochi Centre proposed the vote of thanks.

With great fanfare, the website of IGS-Kochi Chapter was formally inaugurated

by the President,IGS, Dr.G.N.Gandhi.

After lunch, an illuminating talk was given by Sri. Alexander Vaidian, who is one of the pioneers in the field of Piling. He spoke on 'Problems and Prospects of Piling' His talk mainly concentrated on the problems faced by the practising engineers while on the job of casting of the piles and thereafter.

A Panel discussion was organized under the leadership of Dr.Babu T Jose and Dr.Chandrakaran from NIT Calicut as Moderators. The panelists were Dr.K.Balan from CET Trivandrum, Dr.K.S.Beena from CUSAT, Prof.G.Hari from Saingits College of Engg, Dr.Jallaludeen Shah from IES College of Engg., Dr.K.K.Babu from Thejus Engineering College, Prof.V.Rani from Marian Engg. College. All of them are conducting the M Tech (Geotch) Course in their respective colleges. Mr.Ramesh Kulkarni, IGS-EC member and the former Hon.Secretary of IGS Dr.R.Kuberan also gave valuable suggestions during the panel discussions. The outcome of the discussions will lead to evolve the methodologies to be adopted in the future to improve the interaction of the students with practising engineers.

A vote of thanks was proposed by IGS Kochi EC member Sri. A.V.S. Chakravarti.



Dr. Babu T. Jose, Patron, IGS Kochi Chapter delivering the inaugural address

IGS Shimla Chapter

IGS Shimla Chapter organized a lecture on "Physical Modelling in Geotechnical Engineering" on 21 Sept 2013 in Wagnaghat, Solan. The lecture was delivered by Dr. R.G. Robinson, Professor of Civil Engineering, IIT Madras. Nearly 75 people attended the talk.

CALL FOR NOMINATION

IGS KUECKELMANN BIENNIAL AWARD 2012-2013

The IGS Kueckelmann Award is presented once in two years to honour an eminent geotechnical engineer for the outstanding cumulative contribution made to geotechnical engineering in India. All IGS Members with Indian Nationality are eligible for this award. The award comprises Rs.30,000/- plus Rs.5000/- to cover travel expenses and a plaque. The award for the period 2012-2013 will be presented at the IGS Annual General Session at JNTU-Kakinada in December 2014. Nominations for the award are invited on the prescribed form available on IGS Portal. The completed nomination form in quadruplicate should reach IGS Secretariat not later than 31st May 2014.

IGS-PROF. DINESH MOHAN AWARD 2012-2013

The award is presented once in two years to an eminent geotechnical engineer for best Innovative Geotechnical Practice in India. All IGS Members with Indian Nationality are eligible for the award. The award carries a cash prize of Rs.5000/- and a plaque.

Nominations for the award for above years are invited. Nominations for the award should be on the prescribed form available on IGS Portal. The completed nomination form in quadruplicate should reach IGS Secretariat not later than 31st May 2014.

36TH IGS ANNUAL LECTURE 2014



The prestigious
**36th IGS
Annual Lecture 2014**

will be delivered by
Prof. P.V. Sivapullaiah, IISc, Bangalore during
IGC-2014, Kakinada (December 18-20, 2014).

The topic of his lecture is
**“Influence of Minerology and Minerological
Changes on the Geotechnical Behaviour of
Soils in Normal and Contaminated Environment”**

4TH IGS-FERROCO TERZAGHI ORATION



The prestigious IGS-Ferroco Terzaghi Oration (IFTO Oration) the fourth in the series is scheduled on 11th October 2014 at Ludhiana at Guru Nanak Dev University organized by IGS-Ludhiana Chapter.

The Oration shall be by the eminent Professor Dr. A.Sridharan, an authority in Geotechnical Engineering who taught at the famed Indian Institute of Science, Bangalore for several years and retired as its Dy. Director. The topic of the Oration shall be announced soon.

The earlier three Orations were delivered by Prof. Harry G. Poulos, Prof. M.R. Madhav and Prof. Kerry Rowe respectively, alternatively by an eminent foreign and an eminent Indian Geotechnical Engineer.

ATTENTION IGS MEMBERS

Members, please send your email ID and mobile number to the IGS Secretariat in the following format

Name:	
Membership No:	
Email ID:	
Mobile No:	

IGS Secretariat will update the above information in the database, and use the same for future correspondence. Please hurry and sent above information at the earliest.

Members may give their suggestion, if any, on the web portal to the email ID: admin@igs.org.in

Jai Bhagwan
Hon. Secretary

IGS AWARDS PRESENTED DURING IGC-2013

IGS-Sardar Resham Singh Biannual Award for "Innovative Original Research Applications or Procedures to Benefit Infrastructure Projects in the Field were jointly given to Prof. Pijush Samui and Prof. Satyendra Mittal for the years 2011-12.

IGS-H.C. Verma Diamond Jubilee Biannual Award for "Innovative Instrument Design" were jointly given to "Development of a Large Scale Test Apparatus for Measuring Interface Bond Resistance Between Geosynthetics/G.I. Strips and Backfill" by P.S. Prasad, S. Gangopadhyay and M.R. Madhav, and "Multipurpose Permeability/Consolidated Test Apparatus with Internal PWP Measurements" by Chandan Ghosh for the years 2011-12.

IGS-Prof. G.A. Leonards Biannual Prize for the best Doctoral Dissertation in Geotechnical Engineering titled: "Some Studies on Uplift Capacity of Pile Anchors and Horizontal Plate Anchors" by Vivek Balwantrao Deshmukh.

IGS-Prof. A.V. Shroff Biannual Prize for the best paper on "Grouting Technology/Environmental Geotechnical Engineering" titled: "Gas Breakthrough Characteristics of Soil Barriers of Landfill Cover System Subjected to Deformation" by S. Rajesh, J.P. Gourc and B.V.S. Viswanadham published in the Proceedings of IGC-2012 (pp.854-857).

IGS-Dr. Shamsheer Prakash Biannual Prize for the best paper on "Soil Dynamics" titled "Seismic Response of Piles Under Earthquake Force" by Indrajit Chowdhury and Shambhu P. Dasgupta published in the Indian Geotechnical Journal, Vol.42, No.2, April-June 2012 (pp.57-74).

IGS-Dr. B.B. Rai - S.N. Gupta Biannual Prize for the best paper on "Earth and Earth-Retaining Structures" titled "Some Studies on the Seepage Analysis of Geosynthetic Reinforced Soil Walls Constructed with Low - Permeability Backfill Soils" by Dipankana Bhattacharjee, Sreeja

Balakrishnan and B.V.S. Viswanadham published in the Proceedings of IGC-2012 (pp.347-350).

IGS-Shri R.N. Prasad Biannual Prize for the best paper on "Slope Stability and Land Slides" titled "Investigation and Design for Restoration of Hill Slope in Mizoram" by R.K. Panigrahi, U.K. Guruvittal, P.S. Prasad, Sudhir Mathur and Pankaj Gupta published in the Indian Geotechnical Journal, Vol.41, No.4, October 2011 (pp.215-255).

IGS-Shri M.S. Jain Memorial Biannual Prize for the best paper on "Innovations in Piling and other Foundation Techniques" titled "Multi Helix Micropile for Retrofitting of Bridge Foundations" by D.P. Doshi, A.K. Desai and C.H. Solanki published in the IGC-2011 (pp.247-250).

IGS-Prof. Dinesh Mohan Biannual Prize for the best paper on "Pile Foundation" titled "A Model Study on Micropiles Subjected to Lateral Load and Oblique Pull" by Binu Sharma published in the Indian Geotechnical Journal, Vol.41, No.4, October 2011 (pp.196-205).

IGS-Shri B.N. Gupta Biannual Prize for the best paper on "Shallow Foundations" titled "Influence of Heavily Loaded Mat Foundation on Adjacent Drilled Shafts Constructed in Clayey Soils" by Pravin Jha, Sanjeev Kumar, Vijay K. Puri, Prabir K. Koley and Shamsheer Prakash published in the Proceedings of IGC-2012 (pp.584-587).

IGS-HEICO Biannual Prize for the best paper on "Rock Mechanics" titled "Ultimate Bearing Capacity of Shallow Foundations on Jointed Rock Mass" by Ajay Bindlish, Mahendra Singh and N.K. Samadhiya published in the Indian Geotechnical Journal, Vol.42, Issue 3, July-September 2012 (pp.169-178).

IGS-AIMIL Best Local Chapter Award for the year 2013 is presented to IGS-Chennai Chapter for best overall performance amongst various IGS Chapters. The award carries a cash prize of Rs.10,000/- and a Memento.

IGS WEBSITE !

IGS is now accessible on Website !

Please log on: www.igs.org.in

for all information about IGS.

Your valuable suggestions if any are welcome.

IGC-2015

IGC-2015 would be hosted by
IGS-Pune Chapter.

The Venue, Theme, scheduled dates etc. are being worked out and shall be announced soon.

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- Seismic Refraction and Crosshole Seismic Test
- Earth Resistivity Test
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DFI-IGS-IITB-APS Conference-2013

International Conference on Deep Foundation Technologies for Infrastructure Development in India was jointly organized by the Deep Foundations Institute(DFI), Indian Geotechnical Society(IGS), Indian Institute of Technology-Bombay(IITB) and Association of Piling Specialist(APS)-Mumbai during 14-16 November, 2013 at IITB. The Conference was intended to bring latest technologies and practices in deep foundation industry to the Indian market by inviting expert speakers from India and abroad.

To summarize the event, the first day of the event, 14th November, ear-marked for the workshop titled "Large Diameter Rock Socketed Piles". The workshop covered design aspects, various construction methods, state-of-art equipment, latest inspection testing and QC/QA procedures, material specifications and case studies. Two distinct methods of construction (Kelly drilling and piling top drilling methods) were presented by experts from reputed industries. Inspection, testing and QC/QA methods such as dynamic testing and integrity

inspection methods, bi-directional load testing, sonic calipers and embedded data collectors were presented by experts from India and abroad. This workshop evoked an overwhelming response with as many as 138 participants and the presentations included rock socketed piles in land and marine environment.

The conference on Deep Foundation Technologies evoked very healthy response with as many as 258 delegates attending this two day event: 15th -16th



Mr. J.A. Morrison, Immediate Past President-DFI Addressing Delegates

November. The conference had four themes, with two keynote presentations on each theme, followed by presentations on experiences and case studies by



Prof. G.N. Gandhi, President-IGS Addressing Delegates

selected speakers. The themes focused on the field practices and case studies related to Driven and Bored cast in situ piles; Deep Excavation support systems and Ground Improvement techniques.

There were 20 exhibition stalls with displays from all major sectors of the Foundation Industry, like Equipment Suppliers, QC/QA agencies, Consultants, Infrastructural and piling agencies, which evoked enthusiastic response and intensive networking.

The event realized its earmarked objectives of technology availability; it's sharing and practicing in India and dissemination of the deep foundation knowledge.

Young Geotechnical Engineer Awards (Biannual)

To motivate and encourage Young Geotechnical Engineers(YGE) to get involved and participate in Geotechnical research and field work, biannual Best Paper Awards especially for YGE are recently instituted for best paper in various areas of geotechnical engineering. All interested YGE are requested to participate and submit their papers when called for. Following even-year Awards totalling eight(8) will be given during IGC-2014 at Kakinada.

1. IGS-Kochi Chapter YGE Award for Best Paper on Deep Foundations.
2. IGS-FERROCO YGE Award for Best Paper on Dam Engineering and Allied Areas.
3. IGS-Ahmedabad Chapter YGE Award for Best Paper published during immediate past Indian YGE Conference.
4. IGS-HEICO YGE Award for Best Paper on Slope Stability and Landslides.
5. IGS-Baroda Chapter YGE Award for Best Paper on Ground Improvement.
6. IGS-Delhi Chapter YGE Award for Best Paper on Computational Geomechanics.
7. IGS-Dr. M.D. Desai Memorial YGE Award for Best Paper on Geosynthetics and Natural Fibres.
8. IGS-Guwahati Chapter YGE Award for Best Paper on Soil Dynamics and Earthquake Engineering.

Note: The YGE for Awards of 2014 is defined as an Engineer of Indian origin who is of the age of thirty five(35) years or less on 1st January, 2013. Invitation to submit/nominate papers and other related information will be published in due course of time via IGS website, January-March-2014 issue of IGS News and other suitable medium.

G L I M P S E S



Inaugural Function



Welcome Address by Prof M N Viladkar



Presidential Address by Prof. G N Gandhi



Information about IGS by Shri Jai Bhagwan



IGS Annual Lecture by Dr. Mahavir Bidasaria



Felicitation of Dr. Bidasaria by Prof. G.N. Gandhi



Cultural Program



Cultural Program

IGC - 2013



Lighting of Lamp



Lighting of Lamp



Inaugural Speech by Er. Anoop Kumar Mittal



Vote of Thanks by Prof. N.K. Samadhiya



Inauguration of Exhibition



Prof. Banerji and Prof. Bhattacharyya, Patrons



Shri Amitabh Ghosh handling Plenary Session



Valedictory Function



Valedictory speech by Prof Ikuo Towhata, ISSMGE, V.P. - Asia

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CALL FOR ABSTRACTS

15 ARC OF ISSMGE, FUKUOKA, KYUSHU, JAPAN 9-13 NOVEMBER 2015

The 15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (15ARC) will be held under the auspices of the Japanese Geotechnical Society (JGS) in the City of Fukuoka, Kyushu, Japan on 9th - 13th of November 2015. The subtitle of this conference is "New Innovations and Sustainability" which indicates not only new technologies and methods in Geotechnical Engineering but also the sustainability of a better human life are the main topics of interest at this conference.

Prospective authors should submit the abstract in English up

to 300 words related to the theme topics. The work in the proposed paper must be original and not have been submitted elsewhere. Please check the website www.15arc.org for more details.

Abstract submission to IGS Hq by - **30th April 2014**

Note: Only members of ISSMGE can submit the abstract. All the authors should enroll for membership of ISSMGE before submitting the abstract. For details please log on to our website: www.igs.org.in

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The ISSMGE is the pre-eminent professional body representing

the interests and activities of Engineers, Academics and Contractors all over the world that actively participate in geotechnical engineering.

As a truly global organisation, for the ISSMGE to provide a focus for professional leadership to 88 Member Societies and over 20,000 individual members, the website is created:

- to provide the membership with regular and up to date news and information about the activities of the society around the world, including webinars, lectures, conferences.
- to provide communication platform for the effective management and administration of the society.
- to provide a communication platform for the effective coordination of the Technical Committees and the dissemination of TC publications and reports.
- to provide a single point of access for our members to obtain information on upcoming events and conferences.

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INDIAN GEOTECHNICAL JOURNAL

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MEMBERS NEWS



Prof. B.A. Mir
(LM-2072)

Prof. B.A. Mir attended Third International Conference on Geotechnique, Construction Materials and Environment GEOMATE 2013, Organized by Nagoya Institute of Technology and GEOMATE International Society Japan in Nagoya, Japan from Nov. 13-15, 2013.

He also successfully chaired a Technical Session in this International Conference on Nov. 15, 2013 and also presented Research Paper No. 3343 titled: "Permeability and Consolidation Behaviour of Composite Ground Reinforced with Sand Columns" in this Conference.



Dr. Mohammad Ali
(LM-0751)

Shri Mohammad Ali has been conferred with the degree of Doctor of Philosophy by National Institute of Technology, Warangal (NITW) on acceptance of his thesis on "Performance evaluation of flexible pavement laid over stabilized sandy subgrade" in September 2013.

Our hearty Congratulations!

ISSMGE BULLETIN

Vol.7, Issue 6, December 2013

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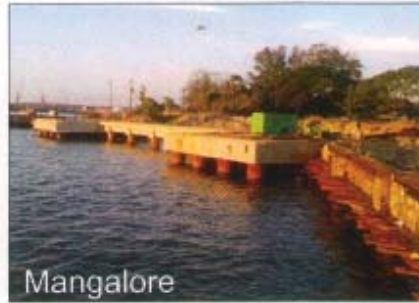
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Welcome to New Members

The Executive Committee of IGS extends hearty welcome to the following members who have been admitted to the Society recently/Elevated to Fellowship.

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S. SENTHAMIL KUMAR	LF 0503
R. JAYA SANKAR	LF 0504
P.A. KRISHNAN	LF 0505
G. SWAMINATHAN	LF 0506
C. NATARAJAN	LF 0507
P. JAYABALAN	LF 0508

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APPRECIATION AWARD FOR HOSTING IGC

IGS-Delhi Chapter has been given an appreciation award during IGC-2013 for hosting a very memorable and successful IGC-2012. The Award was received by their Executive Member Mr. Sorabh Gupta.

Our hearty Congratulations!



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- Parallel Seismic Test (PS)
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- Under-reamed Piles
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GEOTECHNICAL CALENDAR

ABROAD

2014

March 24 - 25 Istanbul, Turkey

15th EU/ME Workshop on Metaheuristics Algorithms.

For details:

Visit Website: <http://mh.bilecik.edu.tr>

March 30 - April 2 Philadelphia, PA, USA

29th IC on Solid Waste, Technology & Management.

Contact:

Ronald L. Mersky
Widener University
Conference Chair

Website: redir.targetx.com/cgi-bin

May 28-30 Vancouver, British Columbia

IC on Bettering Environmental Stewardship & Technology.

For details:

Contact: www.civil.ubc.ca

June 04-06 Rome, Italy

1st IC on "Geotechnical and Structural Monitoring".

For details:

www.geotechnicalmonitoring.com

June 10-12 Oslo, Norway

3rd IS on Frontiers in Offshore Geotechnics under TC 209 of ISSMGE

Contact:

Philippe Jeanjean, Ph.D., P.E.
Chairman, TC-209, ISSMGE
E-mail: Philippe.Jeanjean@bp.com

June 30 Athens, Greece

2nd Eastern European Tunnelling Conference (EETC 2014).

For details:

Contact: www.eetc2014athens.org

July 2-4 Sydney, Australia

Conference on Unsaturated Soils: Research & Applications

Guideline on Website:

www.unsat2014.com/abstract

July 20-22 Hubei, China

GeoHubei IC 2014 on Sustainable Infrastructures Using Innovative Technologies & Material.

Contact:

Dar Hao Chen, Ph.D., P.E.
Website: Geohubei2014.geoconf.org

August 25-27 Seoul, South Korea

8th IS on Geotechnical Aspects of Under-ground Construction in Soft Ground.

Contact:

Prof. Yong-Joo Lee
E-mail: tc204@is-seoul2014.org
Website: www.is-seoul2014.org

September 9-11 Vienna, Austria

50th Anniversary of Danube-European Conferences on Geotechnical Engg.

Contact:

Chairman/Co-Chairman
Austrian Society of Soil Mechanics and Geotechnical Engineering
Vienna University of Technology,
Institute of Geotechnics
Karlsplatz 13, A-1040 Vienna, Austria
E-mail: decge2014@tuwien.ac.at
Website: www.decge2014.at

2015

September 2015 Edinburgh, UK

XVI European Conference on Soil Mechanics and Geotechnical Engg.

For Details

E-mail: mwinter@tri.co.uk
Website: www.tri.co.uk

November 9-13 Fukuoka, Kyushu, Japan

15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (15 ARC) on New Innovations and Sustainability.

Contact:

Dr. Yoichi Watabe
Secretary of the Japanese Geotechnical Society
Port and Airport Research Institute
3-1-1, Nagase, Yokosuka, 239-0826, JAPAN
Tel: +81-46-844-5053
E-mail: watabe@ipc.pari.go.jp
Website: www.15arc.org

2016

August 14-18 Chicago, Illinois, USA

Geo-Chicago 2016: Geoenvironment & Sustainability Speciality Conference.

For Details

Website: www.asce.org/geo/conferences

INDIA

2014

December 18-20 Kakinada, India

Indian Geotechnical Conference 2014 on Geotechnics for Inclusive Development of India (GEOIND).

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Prof. K. Ramu
Phone: +91 9704198555
E-mail: kramujntu@gmail.com
Dr. R. Dayakar Babu
Phone: +91 9985678426
E-mail: baburd1108@hotmail.com
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