The President’s Message

Dear Fellows/Members,

The new government is in place and has taken up the task of making reforms in several sectors such as manufacturing, economic, foreign relations, the most noteworthy being “Make in India”. It will be a great challenge for the government to work out good and sustainable balance between our nation’s economic growth, free trade, relations with U.S., Japan, Russia and other strategically and economically important countries on one side and unreceptive neighbors on the other side.

It is for sure that the country is poised for industrial growth with over one trillion dollar investment in various areas in next five years or so. This will require good and efficient transport system, international standard quality work, multi-disciplinary and multi skilled technical workforce, and QA-QC agencies that are honest to their work.

Let me brief you about our IGS activities.

The election for office bearers for two year term 2015-16 is going on thru’ online mode. It is a significant step forward in making our Society paperless and hence, eco friendly. All members have been provided their log in ID and password. I request the members to cast their vote before the deadline, 27-10-2014, 4.00 pm.

Last year we instituted by sponsorship 15 Best Paper Awards for Young Geotechnical Engineers (YGE), 8 of which will be presented during IGC-2014 at Kakinada. To motive further YGE to get involved in geotechnical research & field activities and publish papers at international level and also to promote their other activities; IGS has launched Technical Activity Promotion Fund (YGE TAP Fund) details of which has been circulated by emails to members, is placed on IGS web and also published in this News letter. I request all members to provide their contribution and also motivate other individuals and firms to be sponsors for the noble cause.

The prestigious IGS Ferroco Terzaghi Oration-2014 will be delivered by Prof. A. Sridharan on 11-10-2014 at Guru Nanak Dev Engg. College, Ludhiana, Punjab. The 5th IYGEC will be held on March 14-15, 2015 at Vadodara, Gujarat.

Our efforts to curb expenses and generate additional funds have succeeded and we are able to add to our corpus fund notably.

I am happy to announce installation of 39th IGS Chapter at Amravati. The Chapter has been inaugurated on September 15, 2014 alongside one day National Seminar.

Since last News letter, Seminars/Workshops have been conducted by Kolkata, Chennai, Guntur and Kochi Chapters and are planned by Ludhina, Guwahati and Baroda Chapters.

The annual mega event IGC-2014 is scheduled on December 18-20, 2014 at Kakinada and is being organized by Kakinada Chapter. The Kakinada Chapter has hosted and organized several technical events very successfully in the past. I am sure, with support and participation from all of you, IGC-2014 will also be a very successful event.

Prof. G. N. Gandhi

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MEMBERS NEWS

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

Prof. B A Mir (NIT Srinagar) and Prof. Ashish Juneja (IIT Bombay) have been awarded Best Paper Award for their Research Paper titled: "MODEL STUDIES ON SCP REINFORCED RECONSTITUTED KAOLIN CLAY" during International Conference on Advances in Engineering and Technology (ICAET-2014) organized by Institute of Research Engineers and Doctors (USA) held at RIT Roorkee in Association with Uttarakhand Technical University India on May 24-25, 2014.

IGS YGE Technical Activity Promotion Fund

INVITATION FOR CONTRIBUTION

Dear IGS members:

As you know young engineers are the future our Indian Geotechnical Society(IGS). They are the future of engineering profession of our nation and the world. It was my passionate desire to institute biannual IGS awards, specially designed for Young Geotechnical Engineers(YGE) to encourage them to work and publish papers in the area of Geotechnical Engineering. With the support and cooperation of all Executive Committee members, Chairmen/Secretaries of Local Chapters and other IGS members; last year we were able to institute fifteen(15) awards in different areas of Geotechnical Engineering; eight(8) of which will be given during IGC-2014 at Kakinada.

We now need to move further in the direction of providing financial assistance to our YGE when they travel overseas to participate in technical events and present papers in the area of Geotechnical Engineering. This will help our YGE to have wider exposure at international level and through them; IGS will also get recognition internationally for its noble gesture.

With this view and also to promote other activities, IGS YGE Technical Activity Promotion Fund (IGS-YGE-TAP Fund) scheme is launched. The salient features of the scheme are as below:

1. The target amount of the Fund is Rs.800,000=00. Amount in excess of the target amount will be welcome.

2. Each year the amount to be utilized shall not exceed the interest earned on the fund amount.

3. Terms and conditions of operation of the fund and modality of providing financial assistance to YGE shall be as decided by IGS Executive Committee.

4. All categories of IGS members viz. Honorary Fellow, Donor Fellow, Life Fellow, Donor Member, Life Member, Institution Member and Associate Member as well as IGS Local Chapters are invited to participate as sponsors. YGE members if they wish, can also participate as sponsor.

5. Any firm, organization, consultant, laboratory or individual wishing to promote Geotechnical activity can be sponsors.

6. All IGS members and local chapters to be informed of the scheme thru' emails, IGS web portal and by July-September, 2014 IGS News letter.

7. The scheme opens for sponsorship subscription on September 15, 2014 and will close on November 30, 2014 or till target amount of Rs.800,000=00 is received from sponsors whichever is later.

8. List of sponsors will be published along with notification inviting applications from YGE for foreign travel assistance each year in IGS News and on web portal.

9. Category of sponsors (one time payment):

   - Platinum : Rs.50,000=00
   - Gold : Rs.25,000=00
   - Silver : Rs.15,000=00
   - Bronze : Rs.10,000=00

All members are invited to help IGS to achieve the Fund target by participating as sponsor of the category of their choice. They may also motivate other individuals and firms/organizations to be sponsors for the noble cause.

With warm regards,

s/d
Gautam N. Gandhi
President

Note: The payment of sponsorship amount shall be made by DD or cheque drawn in favour of "Indian Geotechnical Society" payable at par at New Delhi and sent to IGS HQ at 206, Manisha Building, 75-76 Nehru Place, New Delhi-110019.

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 “Surprising Soil Behaviour – Is It Really?”
IGS Amravati Chapter

Inauguration of IGS Amravati Chapter

IGS Amravati Chapter inauguration program was held on 15th September 2014 at Govt. College of Engineering, Amravati. Prof. G. N. Gandhi, President, IGS, New Delhi was Chief Guest while Prof. D. N. Shingade, Joint Director, RDTE, Amravati was Guest of Honor. Prof. R. S. Dalu, I/c Principal of Govt. College of Engineering Amravati presided over the function.

Dr. S. P. Tatewar HoD Civil, Dr. S. S. Pusadkar, Chairman, and Dr. S. P. Bajad, Secretary IGS Amravati Chapter were also present on dais during inauguration. IGS, New Delhi Executive Members, Prof. Deepankar Chaoudhari, IIT Bombay Mumbai, Prof. H. N. Ramesh Bangalore University, Bangalore and Er. Ramesh Kulkarni CMD, SoilTech Pune; Executive Members of IGS Amravati Chapter, Chief Engineer, Water Resource Department, Engineers, Faculties and M. Tech / Ph. D. students were present during the inaugural program. On this occasion one day workshop on "Geotechnical Engineering Practices - Risk and Safety" was also held.

Prof. G. N. Gandhi elaborated the functions and importance of IGS. He told the gathering that this is 39th IGS Chapter and 3rd in Maharashtra. President announced the launch of IGS YGE Technical Activity Promotion Fund from 15th September and appeal to all for generous help to raise fund. Prof. Shingade illustrated the importance of geotechnical engineering practice to construct high rise structures. Dr. Pusadkar assured the gathering and President that IGS Amravati Chapter will soon bloomed on IGS map and will show its strength through various activities. Dr. S. P. Bajad expressed the vote of thanks on the occasion.

A one day workshop on "Geotechnical Engineering Practices - Risk and Safety" was organized for faculties, field engineers and M. Tech and Ph. D. students. Prof. G. N. Gandhi, Prof. A. A. Nene, Prof. Deepankar Chaoudhari, Prof. H. N. Ramesh, Er. Ramesh Kulkarni and Prof. Yashwant Kolekar delivered the lectures on various issues of Geotechnical Engineering Practices. Prof. G. N. Gandhi delivered the lecture on "Earthquake Resistant Design-Geotechnical Aspects & Case Studies".

Prof. H. N. Ramesh demonstrated the "Importance of Soil Investigations in Civil Engineering Construction and Earthquake Effects" Er. Kulkarni talks on "An Introduction to IS : 1892 - 1979 - Code of Practice for Subsurface Investigation for Foundations". Prof. A. A. Nene presented "Legendry of Ancient India - Multani Mitti" and illustrated how ancient Indianfindings about the soil are helpful to various purposes. Prof. Deepankar Choudhari delivered lecture on "Combined Pile Raft Foundation (CPRF)". Prof. Yashwant Kolekar demonstrated application of software in geotechnical engineering with case studies.
IGS Guntur Chapter

The IGS-Guntur Chapter in association with Dept. of Civil Engineering, KKR & KSR Institute of Technology and Science, Guntur conducted a one-day Seminar on Problems related to Infrastructure Geotechnics (SPRING) on 23rd August, 2014 at KKR & KSR Institute of Technology and Science (KITS), Guntur. About 200 participants attended the Seminar which comprised of professional engineers, faculty and students from various engineering colleges in and around Guntur.

Sri.K.Subba Rao, Secretary and Correspondent, KITS, Guntur in his opening remarks mentioned that the Seminars would provide both the teachers and the students, a platform on which they could expand the horizons of their knowledge. There were three speakers for the technical session.

In the afternoon session an informative lecture was delivered by Dr. P.D. Arumairaj. His talk was mainly focused on the negligence we pay towards the health of pavement, which indirectly affects our society. A hands on training on the usage of Light Weight Deflectometer was conducted by Mr. J. Satish and Team in which they explained the participants the usability and working of LWD. In the late evening, valedictory function was held followed by which Dr. T. Meenambal, Professor of Civil Engineering Department, Government College of Technology, proposed the vote of thanks.

After the successful completion of one-day workshop, the post graduate students of Geotechnical Engineering attended three day training on the working of Light Weight Deflectometer to make them familiar with the instrument and harness the best output from it.

Students were also given the training for using the LWDmod software, which is used to analyse the raw data collected from the field and determine various soil parameters. Dr. S.P. Jeyapriya, Secretary of IGS Coimbatore Chapter and Tmt. S Sathyapriya, Treasurer of IGS Coimbatore Chapter had made all the arrangements.

IGS Coimbatore Chapter

One-day workshop on "Evaluation and Design of Pavement using Light Weight Deflectometer" was conducted by IGS-Coimbatore Chapter on 24th June 2014 in association with AIMIL Ltd. New Delhi and Government College of Technology, Coimbatore. Engineers from Highway Department and Coimbatore Corporation as well as practicing engineers took part in the programme apart from the post graduate students of Geotechnical Engineering.

Er. G. Manuneethi, Divisional Engineer of National Highways was the Chief Guest during inaugural function. Dr. P.D Arumairaj, Chairman of IGS Coimbatore Chapter delivered the welcome address and briefed on the workshop. Mr. Satish, National Manager - AIMIL Limited gave an introductory speech about the special features of Light Weight Deflectometer (LWD), a recent technology in the field of pavements. Dr. V. Lakshmiprabha, Principal, GCT Coimbatore delivered the Presidential address and presented mementos to the guests.

In the afternoon session an informative lecture was delivered by Dr. P.D. Arumairaj. His talk was mainly focused on the negligence we pay towards the health of pavement, which indirectly affects our society. A hands on training on the usage of Light Weight Deflectometer was conducted by Mr. J. Satish and Team in which they explained the participants the usability and working of LWD. In the late evening, valedictory function was held followed by which Dr. T. Meenambal, Professor of Civil Engineering Department, Government College of Technology, proposed the vote of thanks.

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IGS Kakinada Chapter

Indian Geotechnical Society Kakinada Chapter in association with the University College of Engineering, Jawaharlal Nehru Technological University Kakinada, has conducted a National Seminar on Theoretical and Applied Research in Soils (STARS) on 22nd March 2014. Prof. G.N. Gandhi President, IGS was the Chief Guest. Prof. T. Ramamurthy and Prof. M .R. Madhav, former Presidents of IGS were the guests of honour. Prof. A. Srerama Rao, President of the Kakinada Chapter, welcomed the gathering. Prof. G V. R. Prasad Raju, Co-Chairman gave an account of the activities of the Chapter. Er. G. Jaibhagwan, Hony. Secretary, IGS, briefed about the activities of IGS, New Delhi. Prof. G. N. Gandhi, Prof. G.l. Sivakumar Balu, I.I.Sc., Bangalore, Prof. A. Boominathan , I.I.T., Madras, Dr. A. Ghosh, C.B.R.I. Roorkee, Prof. D.L. Shah, M.S. University, Baroda and Prof. B.V.S. Viswanadhan, I.I.T., Bombay delievered technical talks. Prof. K. Ramu, Secretary of the Chapter proposed a vote of thanks. The Seminar was followed by a meeting of the National Executive Committee of IGS.

Dr. T.G. Sitharam, Professor in Civil Engineering, Indian Institute of Sciences (IISc), Bangalore discussed "Avenues in Infrastructure geotechnics:Challenges and opportunities. "Dr. K.S. Rama Krishna, Chairman-DFI-India explained "Embedded Retaining Structures-Diaphragm Walls". Dr. S. Sireesh Associate Professor, Dept. of Civil Engg., IIT Hyderabad discussed "Resilient Behavior of Reclaimed Asphalt Pavements for Pavement Construction". The Seminar concluded with a prolific discussion by the participants with the resource persons.
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IGS Kochi Chapter

The IGS-Kochi Chapter in association with DFI (India) organized a two day workshop on 'Piling-Design and Practice' during 22 & 23 September, 2014 at the Taj Gateway Hotel in Kochi, Kerala. The workshop was attended by 160 delegates belonging to the Construction Industry, premier engineering colleges and foundation consultants.

The function was presided over by Mr. M D Nair, Chairman of the Chapter. After giving a brief account of IGS and its Kochi Chapter activities, he welcomed the guests and the participants of the workshop. Dr. Babu T Jose, the Patron of the Chapter explained the background and concept of the theme of the workshop. The workshop was then inaugurated by the Chief Guest Prof. G. N. Gandhi, National President of IGS. The Mayor of Cochin City Mr. Tony Chammany was the Guest of honour. Mr. James A Morrison, Board Member and past President of the DFI, USA gave a brief account of the functioning of the organisation and Dr. K S Ramakrishna, President, DFI(India) spoke on the activities of DFI(India). The Inaugural function was concluded by Dr. Anil Joseph, Honorary Secretary of the Chapter by proposing a vote of thanks.

The workshop proceedings consisted of six technical sessions.

Three experts from abroad; Dr. Gopal Madabhushi from University of Cambridge, UK, Dr. J P Singh from J P Singh & Associates, California, USA and Mr. Manfred Schoepf of Bauer Maschinen, Germany delivered two each of the theme lectures. They spoke on various theoretical and practical aspects of the field problems related to various types of piles, their design, installation and testing.

Eight experts from India spoke on various problems connected to piling practices. These speakers were Dr. V S Raju, former Director of IIT Delhi, Prof. S R Gandhi of IIT Madras, Mr. Madan Kumar Annam from Keller Ground Engineering Co., Mr. Ravi Kiran Vaidya of Geodynamics, Vadodara, Dr. K S Ramakrishna, President, DFI (India), Dr. A. Boominathan of IIT Madras, Dr. K Balan from College of Engineering, Trivandrum and Dr. S. Chandrakaran from NIT Calicut. The workshop ended after vote of thanks proposed by Dr. K. S. Beena, EC member of the Chapter.

IGS Pune Chapter

Expert lecture on "GEOTECHNICAL ENGINEERING" was conducted at Department of Technology, Shivaji University Kolhapur on 31st July, 2014. Mr. Ramesh Keshav Kulkarni was available as Chief Guest and resource person to guide the students of Second Year, Third Year Civil and Final Year of Environmental Science Engineering. Dr. G.S. Kulkarni graced the program as guest of honor.

In the welcome speech, Dr. G.S. Kulkarni emphasized on the role of geotechnical engineering and the awareness required among the students on this recent important topic like "Malin"village landslide event near Pune. The chief guest gave short description of the work done in this field of geotechnical engineering. He share the 36 years working experience in the field of geotechnical engineering with students and staff of Department of Technology. He gave the detail information of Indian Geotechnical Society working and how to get membership of IGS. Discussed the recent issue of landslide of Malin Village at geotechnical point of view. After the speech of chief guest, Dr. G. S. Kulkarni started the interaction session with chief guest. At the last Ms. P. P. Phadnis delivered the votes of Thanks.
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IGS Vellore Chapter

IGS-Vellore Chapter in association with School of Mechanical and Building Sciences, VIT University organized a guest lecture on "Construction of very high geosynthetic reinforced soil retaining walls" by Dr. K. Rajagopal, Professor, Department of Civil Engineering, IIT Madras, Chennai. The guest lecture was held at CDMM 204, VIT University, Vellore on 07-07-2014 at 3:00 pm. Faculty and students of VIT and from nearby engineering colleges and engineers from government and private organisations in Vellore attended the guest lecture.

The Chapter also organized a guest lecture on "Rock Engineering Issues and Challenges" by Dr. V. B. Maji, Assistant Professor, Department of Civil Engineering, IIT Madras, Chennai. The guest lecture was held at CDMM 203, VIT University, Vellore on 15-09-2014 at 3:00 pm. Faculty and students of VIT and from nearby engineering colleges and engineers from government and private organisations in Vellore have attended the guest lecture.

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.

**LIFE FELLOWS**

- M.V. Rao LF-0510
- G. Venkata Ramana LF-0511
- A.K. Choudhary LF-0512
- Kapilesh Bhargava LF-0513
- M. Venkateswarlu LF-0514

**LIFE MEMBERS**

- Nidal Raj Bhuria LM-3761
- Mamata Mohanty LM-3762
- Vaishali J. Rajurkar LM-3763
- B. Sruthi LM-3764
- Ajay Kumar Agarwal LM-3765
- Manoj D. Kulkarni LM-3766
- R. M. Damgir LM-3767
- Sudhanwa Shingarey LM-3768
- Vijay U. Kosamkar LM-3769
- Hemant Y. Mohod LM-3770
- Avinash M. Gulhane LM-3771
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- Soni Kumar LM-3780
- Prashant N Kathale LM-3781
- Jyotirmoy Bhargava LM-3782
- Shrikhand Shingade LM-3783
- Ahmed Naseem A.K. LM-3784
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- Sagar D. Dhengle LM-3787
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- Aditya P. Kapare LM-3790
- Sheetal B. Baral LM-3791
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- Tanveer Ahmed LM-3793
- Rushikesh Langote LM-3794
- Sarika D. Kulkarni LM-3795
- Santosh B. Kapse LM-3796
- Sanjay R. Kandalkar LM-3797
- Anil Kumar S. Patode LM-3798
- Tulsidas K. Rangan LM-3799
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- Shailesh Deka LM-3803
- Lav Singh LM-3804
- Saurabh Rawat LM-3805
- Niraj S. Parihar LM-3806
- S. Srikant Reddy LM-3807
- Vankayalapatkar Srinivas LM-3808
- Tabitha S. Geddam LM-3809
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- K. Madhusudhana Rao LM-3818
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- Satish B. Halayya LM-3820
- Vivek Ganesh Anhyankar LM-3821
- Paveen Kumar Sinha LM-3822
- Ashok Jaiswal LM-3823
- Vishal R. Patel LM-3824
- Samir P. Parmar LM-3825
- Santiram Chatterjee LM-3826

**STUDENT MEMBERS**

- Saptarshi Kundu SM-0123
- Mainak Majumder SM-0124
- Chaitanya Bhandia SM-0125
- Ugale S. Sudhakar SM-0126
- Snehal M. Avhad SM-0127
- Dhanashree D. Behere SM-0128
- Sweta Rajendra L SM-0129
- Hemant S. Tiwari SM-0130
- Aditya S. Tiwari SM-0131
- Bora S.S. SM-0132

**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.

**IGS WEBSITE**

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CONTENTS

ORIGINAL PAPERS

Single Piles in Cohesionless Soils Under Lateral Loads Using Elastic Continuum Approach
V.S. Phanikanth, D. Choudhury 225

Strength Improved of Loose Sandy Soils Through Cement Grouting
B.M. Abraham, T.G. Santhosh Kumar, A. Sridharan, B.T. Jose 234

Attenuation of Hexavalent Chromium by In Situ Compacted Clay Liner in a Chrome Laden Tannery Sludge Disposal Site
S. Ghosh, S. Mukherjee, R.B. Shahu 241

Calculation Models of Soil Pressure in Opened Bottom Elliptical Barrel Structure
X. Zhang, W. Yao 249

Foundation Subjected to Moment Loading: Re-evaluation of Meyerhof’s Approach
M. Padmavathi, V. Padmavathi, M. R. Madhav 260

Probabilistic Liquefaction Potential Evaluation for India and Adjoining Areas
S. Kolathayar, T.G. Sitharam, K.S. Vipin 269

Behaviour of Lime Treated Cured Expansive Soil composites
S. Bhuvaneshwari, R. G. Robinson, S.R. Gandhi 278

Effect of Uncertainties in the Field Load Testing on the Observed Load-Settlement Response
S. M. Dasaka, A. Jain, Y. A. Kolekar 294

3-D Elasto-Plastic SEM Approach for Pseudo-Static Seismic Slope Stability Charts for Natural Slopes
R. C. Tiwari, N. P. Bhandary, R. Yatabe 305

Effect of Homogeneous Earth Dam Hydraulic conductivity Ratio(Kx/Ky) with Horizontal Drain on Seepage
F. Salma, B. Mansuri 322

Probabilistic Critical Slip Surface for Earth Slopes Based on the First Order Reliability Method
S. Metya, G. Bhattacharya 329

TECHNICAL NOTES

Consolidation Behavior of organic Soil in Normal Kolkata Deposit
Bh. K. Reddy, R. B. Sahu, S. Ghosh 341

Application of Triangular Polypropylene Fibres on Soil Subjected to freez-Thaw Cycles

CASE REPORT

Engineering Geological Study of NWCT Tunnel in Iran with Emphasis on Squeezing Problems
M. Shamsoddin Saeed, P. Maarefvand 357

ISSMGE BULLETIN

Vol 8, Issue 4, August 2014

Table of Contents

Messages from the President and the new Editor-in-Chief
By R. Frank, C.W.W. Ng 1

REPORTS FROM MEMBERS SOCIETIES

Austrian Member Society
[50th Anniversary of Danube-European Conferences on Geotechnical Engineering, Vienna 2014 and other activities of the Austrian Member Society of ISSMGE By H. Brandl 2

Report from Malaysian Geotechnical Society (MGS)
[Inaugural 1-Day Short Course on “Soil-Structure Interaction in Geotechnical Design” for the new MGS]
By Y.W. Yee 5

Report from Geotechnical Society of Singapore (GeoSS)
[Education Trip to Kuala Lumpur on 18th /19th April 2014]
By Y.W. Yee 6

REPORTS FROM BOARD-LEVEL COMMITTEES

AWAC - ISSMGE Awards
By E. Jacobsz 10

Young Member Presidential Group (YMPG)
By J.E. Nicks 18

Research Highlights - Cambridge University
By D. Paul 22

Regional Report from Australasia
By D. Paul 31

MAJOR PROJECT

1st runner up of the ISSMGE’s Outstanding Geotechnical Project Award
35

CONFERENCE REPORT

By D. Toll, H. Zhu, A. Osman 41

NEWS

Obituary - Professor Charles C. Ladd
By D.J. DeGroot 43

NEWS from ICE Publishing:
Issue 2 of open access journal Geotechnical Research - free to ALL to read online now
By B. Ramster 45

NEWS from TC 203:
Call for nominations sought for 2014 Young Researcher Award
Event Diary 46

Corporate Associates 53

News from Corporate Associates
Golder Associates Launches Foundation By K. Raihill 57

Foundation Donors 58

ISSMGE’s International Journal of Geoengineering Case Histories
Call for Papers
(For details refer ISSMGE Website: www.issmge.org) 60
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<td>November</td>
<td>Melbourne</td>
<td>7th International Congress on Environmental Geotechnics.</td>
<td>Website: <a href="http://www.7iceg2014.com">www.7iceg2014.com</a></td>
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<td>November 2-4</td>
<td>Christchurch, New Zealand</td>
<td>6th International Conference on Earthquake Geotechnical Engineering.</td>
<td>Website: <a href="http://www.6icege.com">www.6icege.com</a></td>
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<td>2014</td>
<td>November 9-13</td>
<td>Fukuoka, Kyushu, Japan</td>
<td>15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (15 ARC) on New Innovations and Sustainability.</td>
<td>Email: <a href="mailto:watabe@ipc.pari.go.jp">watabe@ipc.pari.go.jp</a> Website: <a href="http://www.15arc.org">www.15arc.org</a></td>
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<td>Philadelphia, PA, USA</td>
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<td>2015</td>
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<td>Website: <a href="http://www.gen2014mnnit.in">www.gen2014mnnit.in</a> Email: <a href="mailto:gen2014mnnit@gmail.com">gen2014mnnit@gmail.com</a></td>
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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 over 150 members, has organized several conferences, seminars, symposia and workshops 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 bifurcating 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 initiated recently’ 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 keynote 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;

(i) Sub-theme number
(ii) Title of the paper
(iii) 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.

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*Contact the Organizing Secretary for more details

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

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