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ISEG

NEWS

Bridging communication gap...

Biannual Newsletter

INDIAN SOCIETY OF ENGINEERING GEOLOGY
(Indian National Group of IAEG)


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From Editor's Desk ...

Peninsular India is a water deficient region in general where hundreds of minor and major irrigation and water supply projects are at various stages of planning, investigation and construction for providing sustained irrigation to water deficient and draught prone areas of the region. With the boom in developmental activities in the country, this sector has also gained momentum. Although the geotechnical and engineering problems of important sectors like communication including metros and railways, hydropower, highways, oil storage, coal mining, etc. are commonly discussed and deliberated at various seminars, symposia, conferences, etc., geotechnical engineering aspects of irrigation projects are hardly given much significance at such forums. Common problems of Peninsular India are erratic weathering of country rocks, siting of spillways due to availability of sound bedrock at deeper levels, excavation of weathered rock masses, etc. These issues may not be complex, but can result into large cost and time overruns. Even if simple geological problems are not properly identified and forethought of, they may pose great difficulties during construction stage. For example, spillway location of a less known irrigation project on Baitarani river in Orissa, Kanpur Major Irrigation Project having 3.4 km long and 48m high earthdam, had to be totally shifted on geological considerations at the construction stage at a time when the excavation for it had taken place to some extent. The project on completion will provide irrigation to large draught prone areas of Keonjhar district, Orissa. This project is also facing great difficulty in the excavation of a part of its proposed 78 km long canal on the right bank of the river in some stretches where rock cutting and/or cut-and-cover sections are involved. Highly weathered granitic rock has been encountered in place of expected disintegrated mass leading to contractual as well as excavation problems because the weathered rock present here is neither amenable to excavation without blasting by excavator/ shovel nor it gives desired pull on blasting and the charge per cubic meter is very high. Suitable blasting technique/ design need to be developed for such weathered rock materials. The construction of canal is likely to be stopped due to these difficulties, which will lead to commissioning delays and cost overruns. Although, the problems are not complex, they require innovative solution.

On account of some pressing difficulties, the last issue of ISEG News, which was due in October 2011, could not be published. The Council is happy to be back with the current issue of ISEG News, which includes Presidential address, notification on the election for the Term 2013-2014, a report on Geotechnical Orientation Programme (GOP 2012) and Minutes of 34th Annual General Meeting besides other issues. All members are requested to contribute news items, technical articles, etc. for the next issue of ISEG News.


(Ashok Kumar)
Editor

From Secretarial Desk...

You are probably aware that the ISEG is in the middle of the second year of its two year term and would shortly be holding elections for an all important term of Year 2013-2014. You may ask: What's so special about the next term? Well, the Society enters its Golden Jubilee Year before its next term comes to an end in December 2014. Yes, the ISEG is shortly turning into a golden Society and to steer it into a new horizon you must elect a dynamic council that has vision and the will to implement ideas. The present Council has realized the importance of times ahead and come with ideas that you will find in the Minutes of the 34th Annual General Meeting in this issue. The seed having been sowed, it's for you to take the initiative from now on so that the fruits ripen by the time we start celebrating the Golden Jubilee Year. I, therefore, invite you to participate in the ISEG elections with full vigour and enthusiasm, and bring home a Council that is capable of delivering. My best wishes to you and to the Society!

In the current Term, the Council has already met thrice and deliberated upon various matters and programmes. Work commenced on the Society's maiden Handbook on Engineering Geological Mapping that is slated to be released before the current Term comes to an end. In the planned series of Geotechnical Orientation Programmes of the ISEG, that got underway with the Inaugural programme in October 2009 at New Delhi, the 2nd programme was conducted very successfully at Faridabad in April this year (see the report on ISEG GOP 2012 in this issue). Another major event is on the anvil and is scheduled to be held in December 2012. The details of this event are being ironed out and will be announced shortly. "Marvels of Rock Mechanics and Geological Engineering", a special publication of the Society under the guidance of Dr V.M. Sharma, President ISEG, has been conceptualized and is planned to be released during the Golden Jubilee celebrations of the Society. It is expected to be another coffee table publication of the Society after the "Indian Monuments Through The Ages" released at the time of 4th Congress of the International Association of Engineering Geology hosted by the ISEG at New Delhi in 1984.

During its journey of over 46 years, the Society has churned out publications one after the other and its 37th Journal of Engineering Geology has just come out of the press and is in the process of distribution. The publication and circulation of the 8th volume of the ISEG News will follow very shortly. The Society's publications have a very rich collection of technical papers and, if made easily accessible to the geotechnical fraternity, would turn out to be an excellent reference material. You may not believe it, but, I have been pursuing compilation of this material for the last eight years, i.e. from the Term 2003-2004 when I was the Editor of the Society. Despite several announcements, the document could not be finalized, but, it would be my sincere effort to pass it on to you as a parting gift before I hang my boots at the end of this Term in December 2012. Yes, I have served the ISEG for the last five terms consecutively - as Editor in 2003-04 and then four terms as Secretary since 2005 - and consider it appropriate to make way for younger generation to take over and bring about welcome changes in the Society's affairs. Coming back to the matter of compilation of ISEG publications, I may inform that I have just completed soft copy conversion of the publications of the 4th International Congress of the IAEG, an exercise many National Groups of the IAEG have undertaken as a preparation for the 12th Congress of the IAEG to be held at Turin, Italy in the Year 2014. You will soon find the contents on the Society's website.

Finally, you may already be aware of the Society's functionalities, but, I may still like to add that despite our primary responsibilities as professionals in our own fields, we give due priority to the works related to the progress of the Society and do take care of every important matter that is of concern. On your part, please bear with us for lapses and do keep in touch. And yes, please do take interest in the Society's election process so that we get to celebrate the Society's Golden Jubilee in the most befitting way.

With Season's Greetings and Best Wishes,


Yogendra Deva
Secretary, ISEG

President

Dr. V.M. Sharma

AIMIL, New Delhi

Vice President

Dr. Y.P. Sharda

SNC Lavlin, New Delhi

U.V. Hegde

Lanco Infratech Ltd.,
Gurgaon

U.S. Rajvanshi

JP Group, Chanderkot

Secretary

Yogendra Deva

ICCS Ltd., Noida

Joint Secretary

M. Raju

GSI, Kolkata

Akhouri Bishwapriya

GSI, Patna

Treasurer

Anil Mehrotra

Ex-GSI, Lucknow

Editor

Ashok Kumar, GSI, Kolkata

Joint Editor

Dr. D.D. Joshi,

GSI, Kolkata

Past President

Dr. P.C. Nawani,

Jindal Power, Gurgaon

Past Secretary

Yogendra Deva,

ICCS Ltd., Noida

Council Member

B. Prabhakaran

NHPC, Faridabad

C.K. Sengupta

GSI, New Delhi

Dr. A.K. Naithani,

NIRM, KGF

Dr. Mridul Srivastava

GSI, Lucknow

Dr. S.S. Gariha

EIPL, Gurgaon

Pankaj Kumar

GSI, Lucknow

Prashant Misra

GSI, New Delhi

Rajendra Sanwal

GSI, Chennai

V.K. Sharma

GSI, Nagpur

V.S. Yadav

GSI, Lucknow

2nd Geotechnical Orientation Programme 2012 - A Report

Dissemination of knowledge in the field of engineering geology and geotechniques is one of the goal of Indian society of Engineering Geology. With this in mind, ISEG had conducted the 1st Geotechnical Orientation Programme in 2009. In the council meeting held on 24th Nov 2011, it was decided to organize another Geotechnical Orientation Programme under the aegis of ISEG. Shri Yogendra Deva, Secretary, requested NHPC to organized this programme. Dr. Gopal Dhawan, Executive Director (Geotech), NHPC, special invitee to the Council Meeting agreed to take up the proposal and announced that programme would be staged in the last week of Feb 2012. Accordingly the Council nominated Shir N.K. Mathur, GM (Geotech) as convener and Shri R. C. Sharma, Chief (Geology) as co-convener of this programme. The programme was finally held in 1st week of April 2012.

The Geotechnical Orientation Programme was organized by NHPC between 4th to 6th April 2012 at Hotel Sarovar Portico, Faridabad. Thirty one organizations were invited to nominated their participant out of which eleven organization have responded and nominated 30 geologist and engineers. There were 7 faculty members from NHPC and 3 faculty members were drawn from AIMIL, Atlas Copco and GSI. There were 8 lectures and 2 practical sessions. There was poster display on NHPC capability of Survey and investigation particularly in the field of Topographical survey, remote sensing & Engineering Geophysics. Some of the latest survey and geophysical instruments were on display. There was overwhelming response from the participants. The inaugural session was attended by Dr. Gopal Dhawan ED (Geotech) NHPC, Shri N.K. Mathur, Convener, GOP-2012 & Shri Imran Syeed convener Delhi-NCR Chapter of ISEG. While delivering inaugural address Dr. Gopal Dhawan emphasized the need for dissemination of latest technical knowledge and share the experiences among the young participating geologists and civil engineers in hydro sector. The programme ran smoothly with overwhelming response from the participants. Valedictory function was headed by Dr. V. M. Sharma, President ISEG on 6th April 2012. He expressed gratitude towards NHPC and congratulated the convener and co-convener for organizing the programme. The tremendous response it has wielded and agreed to conduct such programmes in periodic manner. Lastly vote of thanks was given by Shri B. Prabhakaran, Chief (Geol), Council member of ISEG.

INDIAN SOCIETY OF ENGINEERING GEOLOGY 2nd GEOTECHNICAL ORIENTATION PROGRAMME 4th to 6th April 2012 Faridabad



Sitting (L to R) : Prakash Singh, Nirmai Kumar Yadav, Ms. Pallavi Khanna, Dr. Vinita Singh, S.L. Kapil, A.K. Rahut, B.Prabhakaran, Imran Syeed Dr. Gopal Dhawan, N.K Mathur, Ananda Sen, Abhijeeta Shivam, Shilpa Bajpai, R.C. Sharma, Brijesh Badoni
1st Standing (L to R) : Rakesh Kumar, Vinod Kumar, Anish Mohan, Raghendra Singh, Mukul Chandra Kuriyal, Manoj Kumar, Rupak Sthapit, Dr. Y. Rajesh Singh, Dr. Mahesh Chaudhary, Amod Kumar Singh, Harbhajan Singh, Ch. Kiran Kumar, Dr. Umakant Sharma, Onkar Kumar
2nd Standing (L to R) : Rahul Shukla, Girendra Kumar, Tanmay S. Kulkarni, Kh. Baljit Singh, Anrudra Bhattacharya, Mayank Bahuguna, Rajeev Jamloki, Hemanta Kumar Thokchom, Sanjay Pratap, Gajendra Sharma, Radhakrishnan S, Nilish Kumar, Vaibhav Nath Tripathi, Anoop Kumar Patel, Abhishek Kumar Mishra

Presidential Address by Dr. V.M. Sharma at 34th Annual General Meeting 21 February 2012, Faridabad

My dear fellows,

Best wishes from your President, even though the time to say good bye is approaching fast with the announcement of elections for the new term. But, whether as a President or as an ordinary fellow, one can always make some contribution for the benefit of the society. We have decided to come up with some suggested procedures for working in the field as a geologist and then carrying out tests as a geotechnical engineer. If the Society is able to complete these tasks and also publish some of the compilations as planned, I think this would be an achievement.

With the growing resistance to the development of hydro-power potential in the country, it appears that the project under construction will take longer and new projects would be difficult to come by. However, underground excavations particularly for the infra-structure development will remain in the forefront. More and more tunnels would be constructed in the times to come. These tunnels could be for Metros, Roads and Railways. The trends seems to be that hydroelectric projects are facing more and more opposition from the environmentalists, the population of cars, rails and human beings are ever on the increase. Mega cities are facing traffic jams which last for hours, sometimes days, and to get over that problem, more and more tunnels will be required.

Even though a lot of advancement in the design and construction technology of tunnels has taken place over the years, yet there is a lot of scope of improvement. Terzaghi stated sometime in 1942 that we know that we are putting more steel into our tunnels, but can't help it as there is no choice. Any effort therefore to reduce the amount of steel is welcome. Current practice in tunnel reinforcement and lining design tends to vary a great deal, depending upon national or owner imposed design requirements, local tradition and practice and the experience of the tunnel designer. There are no universally accepted guidelines on how to assess the safety of a tunnel or the acceptability of a design and this means that engineering judgment and experience play a very large role in the design of tunnel reinforcement and linings. There is a general desire to define a factor of safety for tunnel design but this has proved to be an extremely difficult task and there are very few methods that are considered acceptable. One of these methods, described by Kaiser (1985), and Sauer et al (1994), involves the use of support capacity diagrams and, indeed, there are a few tunnel design companies that use this methodology.

However, the available papers are generally lacking in detail and there is no mention of this method in design guidelines such as the Tunnel Lining Design Guide published by the British Tunnelling Society (2004). Consequently, the average tunnel designer is left with few options other than the use of tunnel classification systems (Barton et al, 1974, Bieniawski, 1973), general empirical guidelines and the advice of experienced tunnel consultants. The main difficulty with this approach is to decide when the design is acceptable (Hoek, 1992).

In an effort to remedy some of these problems, the Hoek et. al (2007) have given two case histories in sufficient detail so that tunnel designers can follow the use of support capacity diagrams as a tunnel design tool. Based on a paper by Carranza-Torres and Diederichs (2009), the derivation of the equations used to define these support capacity curves are presented in an appendix and it is relatively simple to program these equations in a spreadsheet.

The support capacity diagrams presented in the paper are based on elastic analyses and the authors have stated that their's is a simplification compared to much more sophisticated non-linear models that are used in structural engineering. However, given the uncertainties associated with the loads imposed on tunnel linings, this simplification is considered to be justified. These loads depend upon the adequacy of the geological model, the properties of the rock mass surrounding the tunnel, the in situ stresses and the groundwater conditions. All of these contributing factors are open to a wide range of interpretations, particularly during the design stages in a tunnelling project. Consequently, the aim in developing the elastic support capacity diagrams presented in this paper is to provide the tunnel designer with a set of tools of comparable accuracy to the input data.

Over a period of time, design methods based on rock mass classification particularly Barton's charts have become very popular in our country. Our codes of practice also advocate their use freely and openly. However, we have had some reservations in their indiscrete use particularly if the user does not understand the rock support interaction phenomenon and the role played by the timing of placement of supports and the relative stiffness of support system vis-a-vis ground through which the tunnel is being driven.

Therefore if a rational tunnel design methodology is to be developed which could be used more and more, the system should take into account the factors which play a part in the interaction phenomenon. The two most important factors in this regard are the element of time and the relative stiffness of support system in respect to the ground. To illustrate the point two relevant diagrams are given below.

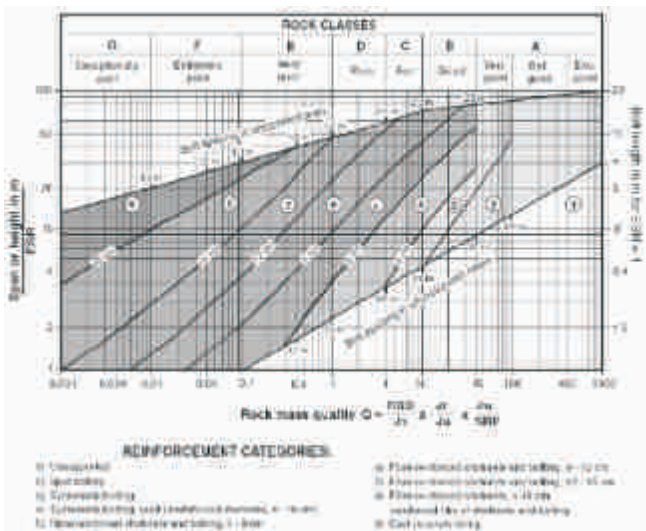


Figure 1 Barton's Rock Mass Classification System

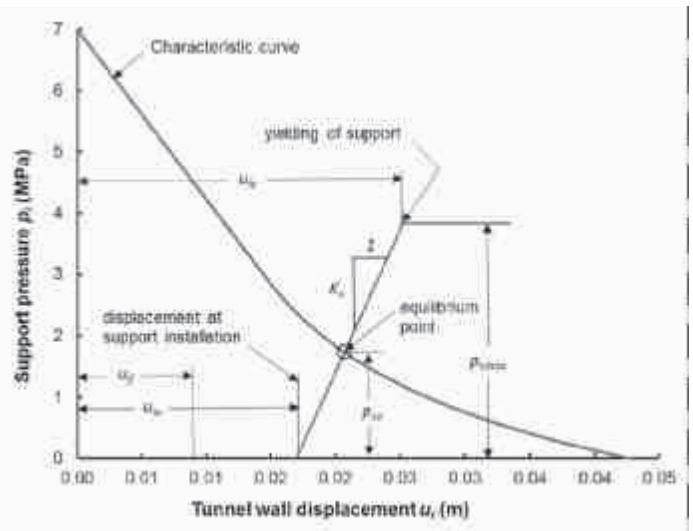


Figure 2 Rock Support Interaction in Tunnels

Minutes of 34th Annual General Meeting of ISEG held at Geological Survey of India, Faridabad on 21 February 2012

The 34th Annual General meeting of the ISEG was held on 21 February 2012 at Geological Survey of India, Faridabad. The meeting followed a half-day technical session of the ISEG Delhi-NCR Chapter wherein Dr Gopal Dhawan, Executive Director, NHPC Ltd. delivered a presentation on "Long Tunnels in Himalayas : Geotechnical Assessment and Risk Management", and Dr V.M.Sharma, Director, AIMIL & President, ISEG delivered the Presidential Address. The topic of Dr Sharma's address was "Dam Busters".

The meeting, chaired by Dr V.M.Sharma, President, ISEG, was attended by 27 Life Members of the Society, including the following office bearers, and 10 delegates of the Workshop (Annexure.1).

Dr V.M.Sharma, President
Dr P.C.Nawani, Past President

Dr Y.P.Sharda, Vice President
Shri U.S.Rajvanshi, Vice President
Shri Y.Deva, Secretary/ Past Secretary
Shri Anil Mehrotra, Treasurer
Shri C.K.Sengupta, Council Member

The meeting commenced with opening remarks of the President and continued with discussions on the agenda items.

Agenda Item.1: Confirmation of Minutes of the 33rd Annual General Meeting

The Secretary informed that the Minutes of the 33rd Annual General Meeting of the ISEG, held on 17 January 2011 at Bangalore during the International Conference on Underground Space Technology (ICUST 2011), were circulated to the members of the Society through e-mail and the ISEG News Vol 7, No.1 (April 2011). Since there have been no

comments, the Minutes were confirmed by the house.

Agenda Item.2: Report by the Secretary, discussions on secretarial matters, passing of resolutions concerning Society's registration renewal matter, etc.

The Secretary began with an introduction to the Indian Society of Engineering Geology and continued with his report on activities and issues. He informed that the Society is now 47 years old and its Golden Jubilee is just round the corner. It was formally inaugurated on 15 October 1965 by Dr KL Rao, the then Minister of Irrigation and Power, Government of India. It is the Indian National Group of the International Association of Engineering Geology and Environment which is an affiliate of the International Union of Geological Sciences (IUGS) and the UNESCO. The doyen of Indian

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Election to the ISEG Council for the Term 2013-2014 Last date of Receiving Nominations is 15 September 2012

As the term of the present Council comes to an end in December 2012, nominations for the next Council (Term 2013-2014) are invited in the enclosed form along with supporting documents of the Nominee and IAEG membership dues (if not already cleared). The nominations should be duly proposed and seconded by members of good standing, i.e., Life Members or those Members (M, IM & AM) who have paid their annual subscription upto the Year 2012. The acceptance of the Nominee may also be obtained on the Nomination Form itself or sent separately. Stationwise list of members of good standing is enclosed for the purpose.

The Nominees are advised to go through the following important information in connection with the Elections.

Eligibility Criteria

- The Nominee must be a Life Member of the Indian Society of Engineering Geology.
- The Nominee must be a Member of the IAEG (International Association for Engineering Geology and the Environment) for the year of commencement of the ISEG Term for which the election is being contested. Therefore, the IAEG dues of the Nominee for the Year 2013 must stand cleared on or before submission of the Nomination Form.

Supporting Documents

The Nominee must attach his Brief Bio-data, Photograph and Mailing Details (including e-mail ID and Telephone No., if any) with the Nomination Form. The Brief Bio-data may not exceed 100 words and must include information on organisational affiliation, designation, date of birth, academic qualification with year & institution, and professional experience.

Nomination Validity

The nominations will be invalid if:

- The Nomination Forms submitted are incomplete.
- The Nomination Forms are not accompanied by supporting documents.

- There is nomination of more than one person per vacant post.
- There is nomination of the same person for more than one post.
- Nomination(s) is/are not accompanied by the acceptance of the Nominee. In case of outstation Nominees, the acceptance may be sent separately but must reach the Secretary, ISEG on or before the due date of submission of Nomination Form. This must also be mentioned in Column-6 of the Nomination Form.

Key Dates

The Nominees are advised to take note of the following key dates in connection with the ISEG Election 2013-2014.

15 September 2012	: Last Date for Receiving Nominations
30 September 2012	: Acceptance of Nominations
15 October 2012	: Last Date for Withdrawal of Nominations, if any
20 October 2012	: Dispatch of Voting Slips
30 November 2012	: Last Date for Receiving Duly Filled-in Voting Slips
December 2012	: Declaration of Election Results during 35 th AGM of ISEG

Nomination Submission

Duly filled-in Nomination Form of the Nominee, along with supporting documents and payment of IAEG dues (if not already paid), is to be sent by Registered Post, or in person, to:

The Secretary, ISEG
C/o Director, Monitoring Division (Engineering Geology)
2nd Floor, Geological Survey of India
27, Jawahar Lal Nehru Road
Kolkata 700 016

The Nominee is advised to confirm submission of Nomination Form to the Secretary, ISEG, at the official e-mail ID of the Society (india.seg@gmail.com). This will help the ISEG Secretariat to keep track of the submitted Nomination Forms.



Yogendra Deva
Secretary, ISEG

Indian Society of Engineering Geology (Established 1965)

ELECTION TO THE ISEG COUNCIL FOR THE TERM 2013-2014

Nomination Form

This duly filled-in Form must reach the Secretary,
ISEG on or before 15 September 2012

I, ISEG Membership No., hereby nominate the under-mentioned person (s) for election.

S. No	Post	Vacancy	Name of Nominee	Member-ship No.	Signature of the Nominee in token of his acceptance of the nomination*
1	President	1			
2	Vice-President	3			
3	Secretary	1			
4	Joint Secretary	1			
5	Treasurer	1			
6	Editor	1			
7	Council Member(s)	10			

*If the acceptance is sent separately, please indicate so.

Encl:
Nominee's Brief Bio-data, Photograph and
Mailing Details (e-mail ID, address and telephone no.)

.....
(Signature of Proposer)
ISEG Membership No.....

I, ISEG Membership No, hereby second the above Nominee.

.....
(Signature of Seconder)





Stationwise List of ISEG Members as of 18 June 2012 (Excluding "Address Not Known" Members)

Cat. M.No.	Name	City	LM	1330	Ramakrishna, D.	Devarakonda (via)	LM	1321	Reddy, B.S.S.	Hyderabad
LM 329	Jatana, B.L.	Agra	LM	1260	Dasgupta, Arunabh	Devprayag	LM	644	Chalapati Rao, R.V.	Hyderabad
LM 603	Raina, B.N.	Agra	LM	212	Dhar, Y.R.	Dhanbad	LM	1028	Deekshatulu, B.L.	Hyderabad
LM 378	Ahluwalia, P.P.	Ahmedabad	LM	1291	Pal, Sanjit Kumar	Dhanbad	LM	943	Jagannath, Jetty	Hyderabad
LM 357	Patel V.P.	Ahmedabad	LM	545	Srivastava, V.K.	Dhanbad	LM	1329	Jagannathan, Ramanujan	Hyderabad
LM 1060	Gupta, Sushil K.	Ahmedabad	LM	1301	Yadav, Dr. Suresh Prasad	Dhanbad	LM	1079	Josyula, P.	Hyderabad
LM 389	Modhwadia, K.E.	Ahmedabad	LM	86	Kumar, Surendra	Dharamshala	LM	929	Prasad, Kasturi R.K.	Hyderabad
LM 1096	Patel, V.K.	Ahmedabad	LM	1070	Sahu, R.N.	Dhule	LM	683	Puri, S.N.	Hyderabad
LM 1098	Thakker, S.I.	Ahmedabad	LM	279	Goswami, S.C.	Dibrugarh	LM	125	Raju, K.C.C.	Hyderabad
LM 1137	Tiwari, R.P.	Aizwal	LM	1273	Sasikumar, K.	East Sikkim	LM	292	Rama Rao, V.	Hyderabad
LM 1254	Chauhan, Devraj Singh	Aligarh	LM	690	Saran, R.B.	Faizabad	LM	129	Ranganathswaamy, A.P.	Hyderabad
LM 748	Prakash, Gyan	Aligarh	LM	1240	Bandaru, N.S.N.K.	Faridabad	LM	214	Rao, J.S.R. Mohan	Hyderabad
LM 1237	Pati, Dr Jayanta Kumar	Allahabad	LM	1269	Chakraborty, Arindom	Faridabad	LM	899	Tilak, N.B.G.	Hyderabad
LM 1103	Pandit, S.R	Amdavad	LM	1308	Dhanya, Mrs. U.	Faridabad	LM	1128	Yelsetty, Srinivasulu	Hyderabad
LM 422	Patel, A.P.	Amdavad	LM	1113	Gupta, Pradeep Kumar	Faridabad	LM	808	Singh, L. Angau	Imphal (Manipur)
LM 1255	Deshmukh, Rituraj	Balaghat	LM	1231	Jain, Ashwini	Faridabad	LM	1130	Soni, C.K.	Indore
LM 1298	Eswaraiah, H.V.	Bangalore	LM	359	Joshi, D.K.	Faridabad	LM	1129	Pathak, S.K.	Indore
LM 269	Guru Rao, S.N.	Bangalore	LM	1112	Mathur, N.K.	Faridabad	LM	840	Singhal, J.B.	Jabalpur
LM 82	Krishnamurthy, K.S.	Bangalore	LM	912	Misra, Sarvesh	Faridabad	LM	927	Sahu, C.P.	Jabalpur
LM 1335	Narasimha Murthy, B.G.	Bangalore	LM	1059	Nagar, Mukesh	Faridabad	LM	790	Suhane, H.S.	Jabalpur
LM 1166	Rai, Vikram	Bangalore	LM	489	Nagyan, V.K.	Faridabad	LM	307	Agarwal, K.K.	Jaipur
LM 1312	Subrahmanyam, D.S.	Bangalore	LM	197	Narula, P.L.	Faridabad	LM	1304	Aggarwal, R.K.	Jaipur
LM 192	Vaidyanath, L.N.	Bangalore	LM	1267	Prabhakaran, B.	Faridabad	LM	1043	Chatterjee, Amresh	Jaipur
LM 1327	Venkatesh, Dr. H.S.	Bangalore	LM	1347	Punetha, Pankaj	Faridabad	LM	882	Haq, Inamul	Jaipur
LM 635	Iyengar, M.V.S.	Bangalore	LM	1322	Rahut, Alok Kumar	Faridabad	LM	79	Kasliwal, V.K.	Jaipur
LM 1125	Kannan, S.	Bangalore	LM	280	Relan, A.K.	Faridabad	LM	254	Nag, R.B.	Jaipur
LM 1010	Mahalingachari, A.C.	Bangalore	LM	1233	Saxena, Rajeev	Faridabad	LM	138	Sanganeria, J.S.	Jaipur
LM 262	Mallikarjuna, P.R.	Bangalore	LM	1309	Sharma, Rakesh Chandra	Faridabad	LM	1311	Sharma, V.P.	Jaipur
LM 911	Murthy, B.S.N.	Bangalore	LM	793	Arora, N.D.	Faridabad	LM	226	Singh, Alam	Jaipur
LM 114	Parthasarthy, B.	Bangalore	LM	256	Bhat, M.L.	Faridabad	LM	1122	Patil, S.N.	Jalgaon
LM 149	Sinha, Dr. B.N.	Bangalore	LM	535	Khorana, R.K.	Faridabad	LM	194	Malbarna, B.D.	Jammu
LM 231	Swamy, M.M.	Bangalore	LM	1228	Kumar, Hemant	Faridabad	LM	225	Didwal, Dr.R.S.	Jammu Tawi
LM 1266	Tripathi, Dinesh Chandra	Banikhet	LM	1245	Mishra, Binay Kumar	Faridabad	LM	1286	Acharya, Akshay	Jhakri
LM 360	Desai, V.R.	Bharuch	LM	1246	Nair, Anitha P	Faridabad	LM	356	Choudhary, R.N.	Jodhpur
LM 1193	Singh, Prabhat	Bhatlo	LM	1236	Pal, Saikat	Faridabad	LM	737	Srivastava, K.L.	Jodhpur
LM 23	Borwankar, A.N.	Bhopal	LM	836	Rai, Anil	Faridabad	LM	1244	Gopalakrishnan, N	Joshimath
LM 89	Mahajani, H.V.	Bhopal	LM	1115	Sayed, Imran	Faridabad	LM	775	Nunjundappa, G.	Kadra
LM 1299	Parihar, C.P.S.	Bhopal	LM	1285	Verma, Ajay K.	Faridabad	LM	763	Srivastava, V.P.	Kanpur
LM 1294	Raghuwanshi, Shiv Kumar	Bhopal	LM	1114	Virmani, R.G.	Faridabad	LM	1264	Nand, Triveni Shankar	Karounda
LM 539	Sampath, P.	Bhopal	LM	823	Walvekar, Ashok S.	Faridabad	LM	1087	Pradhan, Sushil P.	Kathmandu
LM 548	Shah, K.B.	Bhopal	LM	423	Patel, N.M.	Gandhi Nagar	LM	1249	Asopa, Ravi	Khandwa
LM 791	Sharma, U.C.	Bhopal	LM	382	Munshi, R.N.	Gandhi Nagar	LM	1247	Rajput, Yogendra Kumar	Khandwa
LM 1257	Shukla, RC	Bhopal	LM	908	Patel, G.P.	Gandhi Nagar	LM	1251	Verma, Vinod Kumar	Khandwa
LM 1256	Rana, Shailendra Singh	Bhopal	LM	1099	Shaikh, J.J.	Gandhi Nagar	LM	1342	Das, Arindam	Kharagpur
LM 1207	Joshi, Dr. Kaumudi	Bhubaneshwar	LM	344	Shukla, U.Z.	Gandhi Nagar	LM	1314	Ranjan, Rajanish	Kimi
LM 207	Ahmed, M.J.	Bhubaneshwar	LM	213	Prakash, Indra	Gandhinagar	LM	1218	Gupta, Subhash Chander	Kishiwari
LM 90	Mahalik, N.K.	Bhubaneshwar	LM	543	Jahangirdar, M.L.	Ganeshgudi	LM	31	Chatterjee, P.K.	Kolkata
LM 181	Tripathi, S.C.	Bhubaneshwar	LM	217	Basavraj, R.	Ganeshgudi (N.K.)	LM	1328	Balasubramanian, V.R.	Kolar Gold Fields
LM 1172	Ramanand	Bhubaneswar	LM	1155	Bhulia, Tsherin Tashi	Garngtok	LM	1316	Jna, Prakash C.	Kolar Gold Fields
LM 1178	Mukherjee, Banibrata	Bhutan	LM	1156	Khanal, Ganesh Chandra	Garngtok	LM	1224	John, Biju	Kolar Gold Fields
LM 1313	Kalita, Girish	Bichom	LM	1157	Lepcha, Gombu Tseten	Garngtok	LM	1276	Naihani, Dr. Ajay Kumar	Kolar Gold Fields
LM 1343	Bhatia, Jitender	Chanderkote	LM	1154	Sharma, Arjun Kumar	Garngtok	LM	1317	Nelliat, Sandeep	Kolar Gold Fields
Cat. M.No.	Name	City	LM	1262	Bezbaruah, Devojit	Gerukamukh	LM	1325	Singh, Devendra	Kolar Gold Fields
LM 916	Chakradhar, Mariserla	Chandigarh	LM	742	Goyal, D.P.	Ghaziabad	LM	1062	Venkateswarlu, Dr. V.	Kolar Gold Fields
LM 1090	Dangwal, D.P.	Chandigarh	LM	818	Sharma, Kultar S.	Ghaziabad	LM	1303	Chakraborty, Indranil	Kolkata
LM 1275	Kumar, Sanjiv	Chandigarh	LM	542	Jain, B.R.	Ghaziabad	LM	813	Das, Swapan Kumar	Kolkata
LM 531	Negi, R.S.	Chandigarh	LM	733	Mangla, Bhoj Prakash	Ghaziabad	LM	1341	Ghosh, Saibal	Kolkata
LM 1202	Sharma, Dr. L.N.	Chandigarh	LM	402	Rajvanshi, U.S.	Ghaziabad	LM	1217	Joshi, Dr Devidatt	Kolkata
LM 353	Singh, Dr. G.	Chandigarh	LM	841	Varshney, Dr.R.S.	Ghaziabad	LM	1174	Kumar, Alok	Kolkata
LM 354	Bhambri, G.C.	Chandigarh	LM	1232	Rai, Prashant	Ghaziapur	LM	831	Kumar, Ashok	Kolkata
LM 1332	Dash, Subhet Kumar	Chandrapuri	LM	1345	Vedanti, Uday Dattatraya	Godhra	LM	1324	Mukherjee, Jaydip	Kolkata
LM 1216	Jaiswal, Pankaj	Chennai	LM	201	Deva, Yogendra	Greater Noida	LM	812	Nageswaran, B.	Kolkata
LM 1139	Muthu, R.Pitchai	Chennai	LM	187	Verma, Dr. P.N.	Greater Noida	LM	664	Raju, M.	Kolkata
LM 688	Natrajan, T.K.	Chennai	LM	1346	Button, Edward A.	Gurgaon	LM	1075	Singh, Jaya	Kolkata
LM 124	Rajagopalan, G.	Chennai	LM	1336	Garhia, Dr. S.S.	Gurgaon	LM	3	Aich, B.N.	Kolkata
LM 1118	Sanwal, Rajendra	Chennai	LM	1337	Gupta, Naveen Kumar	Gurgaon	LM	722	Bagchi, A.	Kolkata
LM 281	Seshagiri, D.N.	Chennai	LM	1081	Nawani, Dr. P.C.	Gurgaon	LM	10	Banerjee, K.	Kolkata
LM 163	Srinivasan, P.B.	Chennai	LM	1219	Asthana, A.K.	Gurgaon	LM	1012	Basak, Badri Narayan	Kolkata
LM 323	Ametha, Dr. S.S.	Chittorgarh	LM	854	Choube, Rabindra Nath	Gurgaon	LM	12	Basu, A.R.	Kolkata
LM 1199	Datta, Amiya Kumar	Chungthang North District	LM	1290	Dixit, Rajesh	Gurgaon	LM	14	Basu, Sanat Kumar	Kolkata
LM 1101	Chauhan, M.F.	Dakor	LM	1085	Jayachand, T.	Gurgaon	LM	314	Bhattacharya, A.K.	Kolkata
LM 1205	Agarwal, N.K.	Dehradun	LM	863	Khokhar, C.S.	Gurgaon	LM	946	Bhattacharya, D.N.	Kolkata
LM 1	Alok, B.K.	Dehradun	LM	1274	Mahajan, S.C.	Gurgaon	LM	25	Chakraborty, R.B.	Kolkata
LM 1222	Bahadur, A.K.	Dehradun	LM	815	Pargaian, Girish Chandra	Gurgaon	LM	27	Chatterjee, Dr. Barin	Kolkata
LM 1213	Bahuguna, Harish	Dehradun	LM	774	Sood, A.K.	Gurgaon	LM	934	Chatterjee, Kamlesh	Kolkata
LM 1210	Bisht, Dr. K.S.	Dehradun	LM	893	Sood, N.K.	Gurgaon	LM	778	Chatterjee, Tustibrata	Kolkata
LM 1211	Biyani, A.K.	Dehradun	LM	1323	Verma, K.C.	Gurgaon	LM	39	Choudhary, A.K.	Kolkata
LM 336	Dhaundial, D.P.	Dehradun	LM	1198	Das, Chandanmani	Guwahati	LM	512	Gandhi, P	Kolkata
LM 211	Gupta, Dr. U.P.	Dehradun	LM	54	Sharma, Somnath	Guwahati	LM	57	Gangopadhyay, Dr. S.	Kolkata
LM 582	Jain, A.K.	Dehradun	LM	810	Datta, B.	Guwahati	LM	933	Ghosh, D.K.	Kolkata
LM 1209	Rawat, B.S.	Dehradun	LM	900	Gogoi, H.P.	Guwahati	LM	801	Guha, Kallol	Kolkata
LM 203	Rawat, J.S.	Dehradun	LM	1226	Majumdar, Dr. Kiran	Guwahati	LM	224	Gupta, Sudhindra	Kolkata
LM 1089	Rawat, P.V.S.	Dehradun	LM	549	Pandey, Vachaspati	Gyelposhing	LM	13	Kumar, Asim	Kolkata
LM 785	Rawat, U.S.	Dehradun	LM	1319	Gupta, B.N.	Hardoi	LM	1179	Mishra, Prasanta	Kolkata
LM 1206	Singh, Bhopendra	Dehradun	LM	917	Balaji, P.	Hyderabad	LM	1016	Mukhopadhyay, S.C.	Kolkata
LM 1084	Tripathi, S.K.	Dehradun	LM	915	Boliseti, Satyanarayana	Hyderabad	LM	104	Mukhopadhyay, U.S.	Kolkata
LM 1250	Bhatt, Vineet	Dehradun	LM	847	Harendranath, L.	Hyderabad	LM	814	Raju, K.B.	Kolkata
LM 1208	Garg, Mukul	Dehradun	LM	346	Khanduri, H.C.	Hyderabad	LM	947	Roy, Sivaji Basu	Kolkata
LM 1248	Kainthola, Harish	Dehradun	LM	913	Mahendra, A.R.	Hyderabad	LM	588	Roychoudhary, J.	Kolkata
LM 896	Singh, S.K.	Delhi	LM	1278	Manikanda, Mahesh B.	Hyderabad	LM	1200	Sengupta, C.K.	Kolkata
					Rawat, Bhanu Prakash	Hyderabad	LM	1011	Sengupta, Pradeep	Kolkata

LM 140	Sensharma, S.B.	Kolkata	LM 1305	Ganpule, Vijay Trimbak	P.O., Varkala	LM 926	Mehta, M.V.	Rajkot
LM 154	Sinha Roy, P.T.	Kolkata	LM 1018	Dhurundhar, A.P.	Mumbai	LM 811	Bansal, L.K.	Rishikesh
LM 155	Sinha Roy, R.N.	Kolkata	LM 304	Heemady, A.K.R.	Mumbai	LM 1162	Giri, Rajeshwar	Rishikesh
LM 1161	Bharat, H.L.	Koteshwar	LM 220	Keikar, D.J.	Mumbai	LM 1160	Jain, Atul K.	Rishikesh
LM 1092	Sharma, Dr.D.N.	Kothagudem	LM 612	Nagrajan, R.	Mumbai	LM 1149	Khare, Rakesh	Rishikesh
LM 1259	Vasantha Rao, Dr B.V.T.	Kothagudem	LM 109	Natu, S.V.	Mumbai	LM 1150	Narang, J.L.	Rishikesh
LM 1333	Kariyappa, K.B.	Kudathini	LM 143	Shah, S.D.	Mumbai	LM 1143	Prasad, G.M.	Rishikesh
LM 1252	Singh, Virendra Kumar	Larji	LM 188	Vyavaharkar, D.A.	Mumbai	LM 1120	Rana, Chandra Singh	Rishikesh
LM 1289	Gajbhiye, Prakash	Lobesa	LM 350	Gupta, D.B.	Muzaffar Nagar	LM 1144	Singh, Shaileendra	Rishikesh
LM 1065	Attre, J.K.	Lucknow	LM 779	Sharma, R.P.S.	Muzzaffarpur	LM 1152	Verma, A.S.	Rishikesh
LM 324	Avasthy, R.K.	Lucknow	LM 540	Chandra, M.S.	Mysore	LM 1151	Vishnoi, R.K.	Rishikesh
LM 1215	Awasthi, A.K.	Lucknow	LM 206	Chepe, A.B.	Nagpur	LM 609	Bhatnagar, Shashank	Roing
LM 1320	Bhandaru, B.K.	Lucknow	LM 1201	Mawar, P.	Nagpur	LM 1265	Singh, Gajendra Pratap	Roing
LM 1063	Bisaria, B.K.	Lucknow	LM 758	Sharma, V.K.	Nagpur	LM 575	Agarwal, P.N.	Roorkee
LM 1091	Chandra, Prakash	Lucknow	LM 1142	Bid, Nripendra Chandra	Nagpur	LM 215	Anabalagan, R.	Roorkee
LM 238	Chauhan, R.P.S	Lucknow	LM 33	Chhibber, I.B.	Nagpur	LM 889	Dube, A.K.	Roorkee
LM 1176	Dwivedi, Jitendra Kumar	Lucknow	LM 118	Pradhan, S.R.	Nagpur	LM 1068	Dubey, O.P.	Roorkee
LM 691	Ghildiyal, S.K.	Lucknow	LM 1283	Bhatnagar, Sharad	Nagwain	LM 851	Goel, R.K.	Roorkee
LM 509	Giri, S.C.	Lucknow	LM 308	Joshi, V.K.	Nainital	LM 565	Lavania, Dr. B.V.K.	Roorkee
LM 702	Gupta, Harsh	Lucknow	LM 1235	Sharma, Arun Kumar	Nainital	LM 853	Mukherjee, Shyamal	Roorkee
LM 64	Gupta, S.K.	Lucknow	LM 1187	Chauhan, Laxman Singh	Narmada Nagar	LM 1295	Prasad, Rajeev	Roorkee
LM 1117	Joshi, K.C.	Lucknow	LM 1192	Dhanani, Prafull Chandra	Narmada Nagar	LM 1239	Swarup, Anil	Roorkee
LM 1146	Joshi, Y.C.	Lucknow	LM 1181	Raghuvanshi, M.L.	Narmada Nagar	LM 1145	Singh, Gurcharan	S.A.S.Nagar (Mohali)
LM 1014	Kandpal, G.C.	Lucknow	LM 1190	Sharma, Deepesh	Narmada Nagar	LM 1100	Patel, Jayantibhai K.	Sabarkantha
LM 663	Kapoor, A.K.	Lucknow	LM 1188	Soni, Gyan Prakash	Narmada Nagar	LM 1227	Rawat, Rajendra Kumar	Sagar
LM 1104	Kar, S.K.	Lucknow	LM 607	Diwanji, S.N.	Nasik	LM 1306	Das, Rattan Kumar	Sainj
LM 1167	Khan, A.U.	Lucknow	LM 499	Bajpai, O.N.	New Delhi	LM 1296	Khanna, Rahul	Sainj
LM 1284	Kumar, Ambrish	Lucknow	LM 1021	Chaddha, Dr. D.K.	New Delhi	LM 1340	Musthafa, Khaleel M.	Salem
LM 1238	Kumar, Pankaj	Lucknow	LM 340	Dhawan, Gopal	New Delhi	LM 817	Verma, R.P.	Sarabai, Bhuntar
LM 537	Kumar, S.V.	Lucknow	LM 306	Divatia, Miss. E	New Delhi	LM 919	Ravindranath, K.	Secunderabad
LM 492	Kumar, Sushil	Lucknow	LM 1119	Gairola, B.M.	New Delhi	LM 1310	Chowdhary, V.Srinivas	Shillong
LM 584	Manhas, G.S.	Lucknow	LM 343	Hegde, U.V.	New Delhi	LM 1261	Narasimham, V.V.P.	Siddharkut
LM 205	Mehrotra, A.	Lucknow	LM 230	Kaistha, G.K.	New Delhi	LM 1258	Yadav, Nirmal Kumar	Siddharkut
LM 1230	Misra, Rajnish	Lucknow	LM 1271	Kannan, L. Gopi	New Delhi	LM 870	Awasthi, A.K.	Simla
LM 112	Pande, Prabhas	Lucknow	LM 1326	Kumar, Kishor	New Delhi	LM 771	Samsuddin, Dr. A.K.	Sindri
LM 544	Sanwal, R.K.	Lucknow	LM 326	Kumar, L.V.	New Delhi	LM 1105	Kumar, Naresh	Sunder Nagar
LM 325	Sharma, Kumud	Lucknow	LM 96	Mathur, S.K.	New Delhi	LM 1110	Unial, K.C.	Tehri
LM 1169	Sharma, R.P.	Lucknow	LM 1307	Patni, B.D.	New Delhi	LM 1223	Gusain, M.S.	Tehri
LM 1165	Sharma, Rajendra	Lucknow	LM 1197	Radhakrishnan, S.	New Delhi	LM 1153	Lath, J.P.	Tehri
LM 1173	Singh, B.K.	Lucknow	LM 590	Sharma, Brijendra K.	New Delhi	LM 1302	Thakur, Upnish Kumar	Tehri Garhwal
LM 1135	Singh, R.K.	Lucknow	LM 146	Sharma, Dr. V.M.	New Delhi	LM 910	Subramanyan, Dr. V.	Thane (West)
LM 1282	Singh, Ram Jivan	Lucknow	LM 1348	Shivali, Ram Bachan	New Delhi	LM 174	Thomas, K.C.	Trivendram
LM 311	Sinha, Dr. A.K.	Lucknow	LM 1088	Upadhyay, M.C.	New Delhi	LM 1339	Roy, Pratik	Uttar Dinajpur
LM 669	Srivastava, Dinkar	Lucknow	LM 503	Agarwal, C.K.	New Delhi	LM 950	Bhalja, S.S.	Vadodara
LM 1277	Srivastava, Dr. Mridul	Lucknow	LM 191	Anand, D.B.	New Delhi	LM 965	Das, K.C.	Vadodara
LM 239	Srivastava, MS	Lucknow	LM 1229	Badal, Dr Rajiv	New Delhi	LM 940	Dave, C.G.	Vadodara
LM 1334	Srivastava, Prakash Chand	Lucknow	LM 16	Bery, M.N.	New Delhi	LM 1049	Desai, A.B.	Vadodara
LM 675	Srivastava, S.C.	Lucknow	LM 1280	Chitra, R.	New Delhi	LM 377	Desai, N.D.	Vadodara
LM 1133	Srivastava, S.S.	Lucknow	LM 569	Dhawan, A.K.	New Delhi	LM 441	Jambusaria, Dr. B.B.	Vadodara
LM 1093	Srivastava, Sharad	Lucknow	LM 1015	Gopalkrishnan, M.	New Delhi	LM 365	Joshi, C.P.	Vadodara
LM 169	Srivastava, V.B.	Lucknow	LM 1281	Gupta, Manish	New Delhi	LM 393	Mistry, J.F.	Vadodara
LM 294	Tiwari, M.	Lucknow	LM 68	Harkauli, A.N.	New Delhi	LM 984	Mittal, S.S.	Vadodara
LM 1163	Yadav, V.S.	Lucknow	LM 799	Jain, Arun	New Delhi	LM 830	Naik, M.F.	Vadodara
LM 660	Agarwal, N.K.	Lucknow	LM 1127	Kumar, S.	New Delhi	LM 446	Patel D.N.	Vadodara
LM 577	Agarwal, P.P.	Lucknow	LM 234	Kumar, Vinai	New Delhi	LM 363	Patel, D.T.	Vadodara
LM 302	Agarwal, V.K.	Lucknow	LM 1140	Mehta, O.P.	New Delhi	LM 443	Patel, P.M.	Vadodara
LM 240	Anand, S.K.	Lucknow	LM 518	Monde, O.D.	New Delhi	LM 996	Patel, S.R.	Vadodara
LM 504	Arora, Brij Mohan	Lucknow	LM 330	Mukherjee, Dipak	New Delhi	LM 1023	Soni, Arvind K.	Vadodara
LM 5	Ashraf, Zamir	Lucknow	LM 585	Murthy, Y.K.	New Delhi	LM 371	Bansode, U.V.	Vadodara
LM 32	Chaturvedi, S.N.	Lucknow	LM 894	Pahuja, S.L.	New Delhi	LM 370	Bhatt, R.M.	Vadodara
LM 610	Dalela, I.K.	Lucknow	LM 510	Pujji, J.S.	New Delhi	LM 1017	Deitir, U.D.	Vadodara
LM 242	Dayal, H.M.	Lucknow	LM 328	Punj, S.K.	New Delhi	LM 372	Joshi, A.N.	Vadodara
LM 52	Dixit R.S.	Lucknow	LM 605	Ramamurthy, T.	New Delhi	LM 417	Joshi, H.M.	Vadodara
LM 1067	Dixit, Rama Shankar	Lucknow	LM 144	Sharda, Dr.Y.P.	New Delhi	LM 373	Krishnani, R.P.	Vadodara
LM 58	Ghosh, Dr. D.K.	Lucknow	LM 1019	Sharma, H.K.	New Delhi	LM 366	Lattoo, P.S.	Vadodara
LM 71	Hukku, B.M.	Lucknow	LM 724	Singh, V.	New Delhi	LM 379	Mahendra Kumar, C. D.	Vadodara
LM 730	Jaitley, G.N.	Lucknow	LM 885	Toley, S.R.	New Delhi	LM 392	Pancholi, D.I.	Vadodara
LM 72	Jalote, P.M.	Lucknow	LM 745	Kadkade, D.G.	New Delhi	LM 338	Pancholi, D.N.	Vadodara
LM 73	Jalote, S.P.	Lucknow	LM 816	Chadha, A.K.	New Simla	LM 339	Parikh, B.C.	Vadodara
LM 300	Mandwal, N.K.	Lucknow	LM 1121	Kumar, Bhuvnesh	Noida	LM 368	Parikh, M.M.	Vadodara
LM 1168	Narain, Shyam	Lucknow	LM 1220	Bhandari, R.C.	Noida	LM 420	Patel, A.C.	Vadodara
LM 113	Pant, G.	Lucknow	LM 38	Choubey, V.D.	Noida	LM 321	Patel, Dr. P.P.	Vadodara
LM 1171	Rastogi, S.P.	Lucknow	LM 1214	Gupta, M.L.	Noida	LM 1038	Patel, M.M.	Vadodara
LM 1195	Roy, S.C.	Lucknow	LM 175	Tikku, A.K.	Noida	LM 412	Patel, Nalin M.	Vadodara
LM 1138	Shanker, Ravi	Lucknow	LM 1287	Yachiu, J.K.	Noida	LM 407	Patel, S.I.	Vadodara
LM 148	Shome, S.K.	Lucknow	LM 1268	Annadurai, G.T.	North Lakhimpur	LM 362	Patel, V.B.	Vadodara
LM 1147	Siddiqi, M.A.	Lucknow	LM 1102	Raval, C.J.	Panchmahal	LM 374	Pophali, P.M.	Vadodara
LM 158	Singh, R.P.	Lucknow	LM 1279	Bishwapriya, Akhouri	Patna	LM 961	Rana, V.H.	Vadodara
LM 159	Singh, V.P.	Lucknow	LM 740	Hayat, Abdul	Patna	LM 1044	Rathore, Gopal Chandmal	Vadodara
LM 551	Sinha, Purnendu	Lucknow	LM 1234	Kumar, Santosh	Patna	LM 453	Sangamnerkar, C.D.R.	Vadodara
LM 161	Sondhi, S.N.	Lucknow	LM 828	Lal, Kuver Nath	Patna	LM 298	Shah, C.S.	Vadodara
LM 616	Srivastava, Ashwini K	Lucknow	LM 832	Prasad, Bharat	Patna	LM 142	Shah, K.N.	Vadodara
LM 166	Srivastava, J.P.	Lucknow	LM 384	Prasad, S.N.	Patna	LM 1033	Shah, L.M.	Vadodara
LM 196	Srivastava, K.K.	Lucknow	LM 1300	Singh, Priyadarshan	Patna	LM 345	Soni, P.H.	Vadodara
LM 496	Srivastava, S.K.	Lucknow	LM 767	Srivastava, L.P.	Patna	LM 1069	Soni, R.D.	Vadodara
LM 755	Tahilyani, D.R.A.	Lucknow	LM 1074	Jadhav, Pradeep B.	Pune	LM 381	Vaidya, Piyush H.	Vadodara
LM 1141	Tripathi, Kripa Shanker	M.Lucknow	LM 278	Bhatia, S.K.	Pune	LM 975	Joshi, V.N.	Valsad
LM 1055	Vaish, Mathura Prasad	Lucknow	LM 529	Guha, S.K.	Pune	LM 369	Bulsara, D.H.	Valsad (Gujrat)
LM 1054	Verma, S.K.	Lucknow	LM 65	Gupte, R.B.	Pune	LM 177	Ulbhaje, G.P.	Varanasi
LM 264	Shukla, S.D.	Lucknow	LM 627	Malpathak, Ganesh	Pune	LM 593	Tewary, Dr. A.V.	Varanasi
LM 1212	Bhattacharjee, N.R.	Makum	LM 291	Rao, G.S.M.	Pune	LM 951	Lad, D.M.	Veraval
LM 1086	Singhal, M.M.L.	Meerut	LM 902	Sarkar, Shekhar	Pune	LM 1225	Godara, Bhaira Ram	Zhemgang
LM 903	Tyagi, Vinod Kumar	Meerut	LM 1022	Thatte, C.D.	Pune			
LM 1164	Tewary, Kulbhushan	Micbela	LM 527	Dhebar, N.I.	Rajkot			
LM 1344	Natesan, Jayaprakash	Moongode						

"ADDRESS NOT KNOWN" ISEG Life Members (As of 18 June 2012)

Cat.	M.No.	Name	Cat.	M.No.	Name	Cat.	M.No.	Name	Cat.	M.No.	Name
LM	506	Agarwal, H.G.	LM	396	Gupta, R.K.	LM	647	Panda, P.K.	LM	474	Sharma, K.L.
LM	777	Agarwal, L. Narayan	LM	563	Gupta, S.K.	LM	873	Pant, Rajeev	LM	615	Sharma, L.D.
LM	270	Agarwal, L.N.	LM	467	Gupta, V.K.	LM	1116	Pant, Sanjay	LM	397	Sharma, M.L.
LM	723	Agarwal, P.D.	LM	1076	Gupta, V.K.	LM	552	Papalal, S.	LM	1185	Sharma, Pramod Kumar
LM	736	Agarwal, Padam, P.	LM	1131	Haridas, R.	LM	199	Parathasarathy, A.	LM	796	Sharma, Purshottam Das
LM	744	Agarwal, R.C.	LM	918	Hashimi, S.	LM	1204	Pardhi, Atul	LM	233	Sharma, V.S.
LM	2	Agarwal, Y.K.	LM	70	Hebli, C.S.	LM	1072	Parekh, Vinod Chandra Ratilal	LM	515	Sharma, L.K.
LM	1304	Aggarwal, R.K.	LM	901	Jagannathan, V.	LM	229	Parial, B.N.	LM	147	Sheno, R.S.
LM	404	Aggarwala, A.K.	LM	519	Jain, K.K.	LM	949	Patel, A.S.	LM	718	Shenolikar, A.K.
LM	1270	Akhour, Praveen	LM	589	Jain, P.K.	LM	361	Patel, B.B.	LM	1183	Shrivastava, S.L.
LM	931	Ali, Akram	LM	316	Jha, V.K.	LM	430	Patel, B.C.	LM	1203	Shrivastava, Vineet
LM	829	Ali, Mashooq	LM	1191	Jhawar, Rajendra Kumar	LM	424	Patel, B.P.	LM	760	Siddique, Dr. M.A.
LM	4	Andotra, B.S.	LM	887	Jhingran, Dr.V.	LM	530	Patel, H.J.	LM	597	Singh, R.I.
LM	757	Arora, P.K.	LM	1111	Jindal, Harsh Kumar	LM	367	Patel, J.R.	LM	401	Singh, A.P.
LM	505	Arova, J.S.	LM	399	Jindal, S.K.	LM	408	Patel, N.I.	LM	1170	Singh, Ayodhya Prasad
LM	684	Awasthy, S.C.	LM	1189	Joshi, Sunil Kumar	LM	442	Patel, Nalin, H.	LM	583	Singh, B.K.
LM	809	Barma, Chintamani	LM	1180	Joshi, B.O.	LM	425	Patel, Y.L.	LM	156	Singh, Chandrama
LM	648	Barman, G.	LM	75	Joshi, N.G.	LM	525	Pathak, S.C.	LM	501	Singh, Harpal
LM	805	Baruah, S.	LM	1020	Joshi, Sudhir Yeshwant	LM	962	Pathan, A.K.	LM	738	Singh, B.K.
LM	807	Baruah, S.A.R. Haque	LM	76	Judd, Dr. William	LM	208	Patil, A.R.	LM	1315	Singh, Lallan Prasad
LM	275	Basauraj, B.M.	LM	1126	Kakoty, I.S.	LM	115	Patil, B.B.	LM	1184	Singh, Moti Lal
LM	15	Basu Chowdhary, S.	LM	871	Kanungo, N.D.	LM	956	Pendharkar, D.K.	LM	568	Singh, Narendra
LM	21	Bhat, B.T.	LM	1159	Kapoor, Naresh K.	LM	117	Phukan, S.N.	LM	756	Singh, Ranivr
LM	948	Bhatnagar, A.K.	LM	909	Katti, G.B.	LM	1124	Prabhakar, Gote Atul	LM	600	Singh, S.K.
LM	960	Bhatt, J.L.	LM	1108	Kaul, Surender	LM	1052	Pradhan, N.C.	LM	223	Singh, Santosh Kumar
LM	708	Bhattacharya, A.	LM	857	Kesamlu, Dr. N. Chenna	LM	1077	Prakash Suraj	LM	797	Singh, Virendra Pal
LM	347	Bhutani, M.L.	LM	751	Keshavayya, P.	LM	120	Prakash, Dr. Samsher	LM	628	Singh, Y.P.
LM	22	Biswas, S.R.N.	LM	332	Khan, P.A.	LM	395	Prasad, Har	LM	394	Singha, D.R.
LM	822	Boni, O.N.	LM	403	Khanna, M.M.L.	LM	619	Prasad, V.	LM	150	Sinha, G.S.
LM	1082	Brahma, A.K.	LM	255	Khar, P.N.	LM	883	Prashar, Ramakant	LM	833	Sinha, H.P.
LM	26	Chandra Ramesh	LM	1058	Khitolia, Dr. R.K.	LM	228	Raha, L.C.	LM	906	Sinha, Suresh Chandra
LM	502	Chandra, Dinesh	LM	532	Khorana, T.R.	LM	131	Rai, M. Gopal	LM	160	Sohoni, S.B.
LM	798	Chandra, Sukhmal	LM	398	Kotai, R.L.	LM	649	Rai, S.M.	LM	558	Solanki, J.C.
LM	28	Char, A.K.	LM	331	Krishan, Hari	LM	123	Raichur, Anand Ramchandra	LM	426	Soni, D.J.
LM	283	Chari, Dr. K.V.R.	LM	83	Krishnaswamy, V.S.	LM	513	Raina, Chamanlal	LM	162	Sreenivasiah, P.V.
LM	29	Chaterjee, B.	LM	268	Kulkarni, P.S.	LM	348	Raju, V.S.N.	LM	1106	Srivastava Dr. A.K.
LM	406	Chaudhary, S.G.	LM	752	Kumar, Harsh	LM	939	Rajuddin, S.M.	LM	925	Srivastava, A.K.
LM	942	Chebbi, S.M.	LM	478	Kumar, Manindra Nath	LM	271	Rajvanshi, P.S.	LM	1053	Srivastava, A.K.
LM	935	Chetty, G.L. Nagraja	LM	695	Kumar, P	LM	872	Ramarao, K.	LM	500	Srivastava, N.K.
LM	221	Chikodi, D.G.	LM	1177	Kumar, Suresh	LM	567	Ramaswamy, R.	LM	1073	Stampwala, V.R.
LM	1061	Choksi, S.C.	LM	861	Lahori, Durjendra Nath	LM	1057	Rammiklal, Vyas Kiritkumar	LM	171	Subrahmanyam, V.
LM	35	Chopra, B.R.	LM	1027	Littoria, P.K.	LM	400	Rana, G.S.	LM	1039	Sudhakar, A.M.
LM	800	Chourasia, Dr. L.P.	LM	869	Lomas, Ashok Kumar	LM	1158	Rana, S.S.	LM	172	Sundaram, R.K.
LM	587	Chowdhuri, A.K.	LM	87	Lovas, Dr. L.	LM	128	Ranade, S.G.	LM	1107	Surendranath, Vasudeva
LM	41	Colback, P.S.B.	LM	34	M.A. Chitale, M.A.	LM	1037	Rao Anand Ganeshwara	LM	391	Suthar, R.M.
LM	42	Cook, Dr. J.B.	LM	508	Madan, S.K.	LM	937	Rao Mullapudi Venkat	LM	955	Thakare, K.M.
LM	1097	Dabhi, J.S.	LM	272	Mahajan, J.L.	LM	930	Rao Suresh Kant Anand	LM	405	Thakkar, A.K.
LM	1051	Dahiya, B.S.	LM	1094	Maini, Snch	LM	126	Rao, Dr. R.V.	LM	180	Tripathi, Jagannath
LM	806	Das, N.C.	LM	91	Maitra, B.	LM	130	Rao, G. Ram Mohan	LM	964	Trivedi, J.B.
LM	1272	Das, Sandip Kumar	LM	795	Mallick, H.K.	LM	133	Rao, K.R. Narayan	LM	1078	Trovedi, H.C.
LM	514	DasfyorM Sujit	LM	570	Mathur, R.S.	LM	1194	Rao, S. Laxman	LM	1036	Upadhyay, R.K.
Cat.	M.No.	Name	LM	881	Mauria, H. Lollen	LM	289	Rao, S.L.	LM	250	Upadhyay, V.S.
LM	534	Dawar, Y.N.	LM	92	Mazumdar, A.K.	LM	1031	Rastogi, Daya Nand Kumar	LM	456	Vartak, R.G.
LM	388	Desai, B.I.	LM	285	Mazumdar, N.	LM	516	Rathi, A.K.	LM	184	Venkataramaiah, P.
LM	427	Desai, J.T.	LM	97	Mehta, D.N.	LM	634	Rau, A.N.	LM	185	Venkatraman, A.R.
LM	47	Desai, S.D.	LM	1056	Miishra, H.R.	LM	952	Raval, C.J.	LM	845	Verma, Dinesh Chandra
LM	578	Deshpandi, G.R.	LM	859	Mishra, D.N.	LM	195	Ray, Sukanta	LM	186	Verma, Harish Chandra
LM	218	Devraj, Char	LM	750	Mishra, V.N.	LM	914	Reddy, K.K.	LM	852	Verma, M.K.
LM	49	Dey, A.K.	LM	99	Misra, K.L.	LM	355	Reddy, S.R.M.	LM	1186	Verma, Mahendra Kishor
LM	51	Dhanota, A.S.	LM	380	Misri, B.L.	LM	938	Reddy, Venuga Venkata Subba	LM	276	Virdi, N.S.
LM	67	Doscher, Dr. Hans	LM	945	Mitra, Shyamal Kumar	LM	626	Roy Chowdhary, M.K.	LM	963	Vyas, K.C.
LM	1034	Dudeja, Dinesh Kumar	LM	267	Mittal, B.P.	LM	848	Sah, Lalgee	LM	1095	Vyas, M.P.
LM	886	Garg, Arvind	LM	1136	Mohan, Aditya	LM	586	Sahay, B.K.	LM	533	Yadav, S.K.
LM	1030	Garg, Madan Murari	LM	895	Mukherjee, B.B.	LM	137	Sain, Dr. Kanwar	LM	468	Yadav, V.K.
LM	671	Garg, R.L.	LM	862	Mukhtar, Gulzar Ahmad	LM	850	Saini, G.S.			
LM	59	Ghosh, S.K.	LM	105	Mullick, B.B.	LM	1182	Salheria, V.K.			
LM	932	Gopalaunni, M.	LM	941	Murti, Ramdenu Srinivas	LM	868	Sarkar, A.K.			
LM	232	Goswami, P.C.	LM	288	Murty, G.S.	LM	936	Satish Kumar, H.B.			
LM	528	Govil, B.K.	LM	472	Nanda, M.M.	LM	874	Sawanti Jagdish Singh			
LM	1064	Gulati, Keshav Ram	LM	305	Narsimham, C.V.L.	LM	337	Sehgal, M.N.			
LM	61	Gupta, D.N.	LM	349	Nathani, J.K.	LM	273	Senapaty, A.M.			
LM	327	Gupta, I.C.	LM	310	Nayak, A.K.	LM	390	Shah, M.F.			
LM	511	Gupta, J.C.	LM	1123	Nemade, P.D.	LM	517	Shandilya, A.K.			
LM	1132	Gupta, M.C.	LM	111	Obbron, Dr. L.E.	LM	1109	Sharma, Brig Brahm Datt			
LM	45	Gupta, Praful Kumar Das	LM	1175	Pal, Chinmoy	LM	458	Sharma, D.P.			

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(Indian Society of Engineering Geology; www.iseindia.org; india.seg@gmail.com)

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LM	1163	Yadav, V.S.	Lucknow

INDIAN SOCIETY OF ENGINEERING GEOLOGY
7-B Geological Survey of India, Sector - E, Aliganj, Lucknow

BALANCE SHEET AS AT 31.03.2011

SOURCE OF FUNDS	SCH	AMOUNT (Rs.)	AMOUNT (Rs.)
GENERAL FUND			
Opening Balance		2604384.00	
Add: Life Membership & Admission fees Add: Excess of		17000.00	
Income over Expenditure		30758.50	2652142.50
TOTAL			2652142.50
APPLICATION OF FUNDS	SCH	AMOUNT (Rs.)	AMOUNT (Rs.)
FIXED ASSETS			
Opening Balance		1450.00	
Less: Depreciation @10%		145.00	1305.00
INVESTMENTS			
			1843962.00
CURRENT ASSETS, LOANS & ADVANCES			
Stock of Publication			121545.00
Advances recoverable in cash or kind ISEG-ICUST(Adv)			100000.00
Cash and Bank Balances			
Cash in hand		10772.31	
Cash at Bank:-			
SBI Kolkata		2400.28	
SBI Lucknow		282476.91	
UCO Bank Lucknow		289681.00	585330.50
TOTAL			2652142.50

Significant Accounting Policies B
& Notes on accounts

As per our separate report of even date attach
FOR INDIAN SOCIETY OF ENGG. GEOLOGY

Auditor's Report

For RAKESH K SRIVASTAVA & Co.
Chartered Accountants

Sd/-
(Anil Mehrotra)
Treasurer
Place:-Lucknow
Date: 12.01.2012

Sd/-
(Yogendra Deva)
Secretary

Sd/-
(R.K Srivastava)
Proprietor
Dated: -12.01.2012

Minutes of 34th Annual General Meeting of ISEG held at Geological Survey of India, Faridabad on 21 February 2012

Geology, Dr D.N.Wadia, F.R.S. was the Founder President during the Term 1965-67.

The Society, over the years, has effectively provided a vibrant platform for discussions and debates on geotechnical matters of concern and projected the state-of-art technologies in the industry. Every two-year term of the Society's elected Council witnesses at least one technical event of national significance. The Hyderabad Seminar of 2008 and the International Conference ICUST 2011 are still fresh in our minds. For the current term of 2011-2012, at least a one-day Workshop towards the end of the term in December is a distinct possibility.

The periodical publications of the Society, viz the Journal of Engineering Geology and the Biannual ISEG News also constitute the other form of technical forum and have remained a regular feature despite problems of different kinds. The Vol XXXVII of the Journal is getting ready for release shortly. The ISEG Newsletter somehow got delayed but was eventually released recently. The next edition is important as it will contain the notice for the Elections for Term 2013-2014 and its timely release will be a prime concern for the Editor and the Secretariat.

With this introduction, the Secretary took up other matters concerning this meeting. He mentioned that the Term so far has gone off smoothly. Two Council meetings were convened and these turned out to be quite productive. Amongst the highlights, the following can be listed:

Special Publications

"**Handbook on Engineering Geological Mapping**": This maiden venture of the Society is picking up pace and may see the light of the day before end of the term. It is in the very safe hands of Dr Gopal Dhawan, Executive Director, NHPC Ltd.

"**Marvels of Rock Mechanics and Geological Engineering**": A special publication of the Society under the guidance of Dr VM Sharma, Director, AIMIL and President ISEG. This publication is slated to be released during the Golden Jubilee celebrations of the Society. In this connection, Shri Deva mentioned that the Society's last special publication of repute - "Indian Monuments through the Ages" - was released as early as 1982 and it was high time another publication of global interest is brought out.

- **2nd ISEG Geotechnical Orientation Programme during 04-06 April 2012**: It is being convened by Shri NK Mathur, GM, NHPC Ltd.
- **New Life Members who joined the Society during the current term**: Ten
- **Society's Address**: It has been changed to GSI, Kolkata - the seat of one of the two

Joint Secretaries - for operational convenience. The full address of the Society now is:

C/o Director, Monitoring Division (Engineering Geology)

2nd Floor, Geological Survey of India, 27, Jawahar Lal Nehru Road, Kolkata 700 016

- **Society's Registration Matter**: Appealing to the house that this could be considered as the main agenda of the AGM, the Secretary informed that for unexplained reasons arising probably out of ignorance, the Society never fulfilled the obligatory duty of submitting annual returns to the Registrar of Society along with necessary dues. This has continued since the very beginning of the Society's formal registration in 1966. The matter came to Shri Deva's notice about a couple of years back and since then he and his secretarial colleagues, in particular Shri M.Raju, Joint Secretary, have been struggling hard to get the matter settled with the Registrar of Societies, West Bengal, Kolkata. The AGM under way is one of the necessities of this process. With this introduction, the Secretary put forth following Resolutions for the consideration, deliberation and approval of the house. These were duly discussed and unanimously passed by the house.

Resolution No. 1:

"It is resolved that all the past Minutes of all the Annual General Meetings are hereby approved."

Resolution No. 2:

"It is resolved that the Council of the Society for 2011-2012, as per attached list, is hereby approved."

Resolution No. 3:

"It is resolved that all the previous audited accounts for the financial years from 1968-1969 to 2010-2011, with the exception of missing records for the financial years 1971-1973 and 1976-78, are hereby approved."

Resolution No. 4:

"It is resolved that the process of annual submission of records and dues according to the prevailing Registration Act, that could not be done in past years, being taken up now by the Society with the accepted past audited accounts, annual general reports and resolutions taken by previous Councils, is hereby approved."

Resolution No. 5:

"It is resolved that the Society's prayer to the Registration Authority that despite attempts to locate past documents, a few audited accounts are still missing and the same may be considered sympathetically for processing of the registration renewal, is hereby approved."

Resolution No. 6:

"It is further resolved that Dr. V.M.Sharma, President ISEG and Shri Yogendra Deva, Secretary ISEG, are hereby authorized to sign all the papers/documents for registration and take necessary action as required regarding this."

Resolution No. 7:

"It is resolved that the appointment of Rakesh K. Srivastava & Co., Chartered Accountants, 532 Ka/98 Kha, Pandey Tola, Aliganj, Lucknow 226 022, as the Auditors of the Society for the year 2011-2012 by the Council, is hereby approved."

- **ISEG Elections for Next Term (2013-2014)**

The Secretary informed that Society's elections for the next Term (2013-2014) are due this year and the election process will commence with the release of the notification in the forthcoming issue of the ISEG Newsletter (Vol 8, No.1 of April 2012). He reminded the house that as per informal norms, the next President will be from Geology discipline. He made special request to the members of the Society to take the elections seriously and bring home a Council that is capable of delivering. In view of the Golden Jubilee celebrations in 2014-2015, the elections assume a greater importance.

In this connection, Shri Deva informed the house about his long and cherished association with the Society in different capacities since the ISEG Term 1982-1984. He served the Society as Council Member, Editor, Joint Secretary and, in particular, Secretary - a post that he has held for four consecutive Terms since 2005-2006. He clearly indicated his willingness to pass on the baton to a younger and dynamic person who could take the Society to new levels of excellence. Shri Deva invited the attention of the house to the forthcoming elections of the Society for the Term 2013-2014 and goaded them to participate actively in the exercise and make sure that a sincere and dynamic Council takes charge.

Agenda Item.3: Report by the Treasurer, discussions on financial matters, appointment of the Auditor for 2012-2013, passing of resolution on past audited accounts, etc.

Shri Anil Mehrotra, Treasurer, ISEG informed the house that audit for the financial year 2010-11 has been completed and the report received from the auditors. While adding that the Society is in sound financial health, he informed the house that the balance in the two savings accounts - SBI and UCO - V amounts to Rs 645,803/-. The approximate face and maturity values of the fixed deposits are Rs 6.3 lac and Rs 20 lac, respectively, out of which an FD with maturity value of Rs 16 lac is maturing on 04 April 2012 and would be reinvested with immediate effect. He also informed the house that the Society received back the seed money of Rs 100,000/- from the Organising Secretary

of ICUST 2011 that was granted for the event. There, however, has not been any revenue generation from this event that makes it the only case where the Society has not generated any revenue from such effort.

Other matters under this agenda item have been dealt with under Agenda Item.2 in preceding paragraphs.

Agenda Item.4: Report by the Editor, status of regular publications, etc.

In the absence of the Editor, who regretted attendance in the AGM, the Secretary read out his report as follows:

"At the outset, I am sorry that I have not been able to attend the present meeting of ISEG. Regarding the publications of the Society, it is informed that the ISEG News Vol. 7 No. 1 (April 2011) has already been published. However, for the October 2011 issue of ISEG News, no material has been received from any member of the Society despite some personal efforts. Hence it may not be possible to publish this issue of the NEWS.

Publication of 'Journal of Engineering Geology' Vol. XXXVII, Nos. 1-4, is in the final stages. This volume will contain a total of 41 papers of ICUST 2011 including the Keynote

Papers. Remaining papers of ICUST 2011 will be published in subsequent issue(s) of 'Journal of Engineering Geology.'

Agenda Item.5: Proposed near future activities of the Society

- **Geotechnical Orientation Programme:** The Secretary informed the house that ISEG is conducting its 2nd Geotechnical Orientation Programme iV GOP 2012 - between 4th and 6th April 2012 at Faridabad. Shri N.K.Mathur, GM, NHPC Ltd, would be the Convenor. He added that the inaugural GOP, conducted in October 2009 at New Delhi was a roaring success wherein 43 participants from fifteen government, public sector undertakings and private organizations got benefitted from the presentations delivered by experts.
- **Major Event:** Shri Deva informed that a major event is proposed to be held during the end of the year for which Shri U.V.Hegde has agreed to be the Chairman. The topic and modalities of the event remains to be

finalized. The 35th AGM of the Society would also be held on the same occasion.

- **Golden Jubilee Celebrations:** Reiterating once again, the Secretary talked about the importance of the Golden Jubilee Celebrations of the Society and, indicating that a major event would require at least two years for preparations, the action in this direction, therefore, needs to begin with immediate effect.

Agenda Item.6: Any other matter with the permission of the Chair

There were no other matters to be discussed.

Agenda Item.7: Address of the President, ISEG

The President's Address had already been delivered as a part of the ISEG Delhi-NCR

Chapter Workshop earlier during the day. This is being published in the forthcoming issue of the ISEG Newsletter.

Agenda Item.8: Vote of Thanks

The meeting ended with a vote of thanks to the chair by Shri Imran Sayeed, Chief (Geology), NHPC Ltd.

Noida : 29 March 2012

(Yogendra Deva)
Secretary, ISEG

ISEG Membership ...

ISEG membership (Membership Forms available at www.isegindia.org)

- Admission fee (one time; New Members) : Rs. 1000/-
- Institutional/Associate Membership (Annual) : Rs. 2000/-
- Individual Membership
 - (i) Ordinary Membership (Annual) : Rs. 500/-

(ii) Life Membership

- For age < 35 years : Rs. 5000/-
- For age 30-40 years : Rs. 4000/-
- For age > 50 years : Rs. 3000/-

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Rs. 10000/-** per annum

FREE : One Year Institutional/Associate Membership of the Society for all categories of advertisements subscription

**Add US\$ 20 for overseas advertisements

Note

The advertisement would be carried for one year from the date of its posting on the website.

The advertisements would be posted as abridged version, i.e Logo and Tagline, if any.

The advertisements would be appropriately hyperlinked to the advertiser's webpage/website.

Advertisement material

The material may be sent as soft copy along with a hard copy in colour.

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The payment may be drawn by Demand Draft in favour of "Indian Society of Engineering Geology", payable at Lucknow.

IAEG Membership (Annual) ...

- Members with bulletin : 29 Euros
(Receive Newsletter also)
- Membership without bulletin : 04 Euros
(Receive Newsletter only)

- Associate Members : 150 Euros
(Receive Bulletin + Newsletter)

Note : The dues may be paid in INR by demand draft in favour of "Indian Society of Engineering Geology", payable at Lucknow.

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