



# NEWS LETTER

INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY  
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## Celebrating 50 Years of the Indian Society of Earthquake Technology 'ISET Golden Jubilee Symposium'

The Society shall be organizing 'ISET Golden Jubilee Symposium' during Oct. 20-21, 2012 at Roorkee, in collaboration with the Department of Earthquake Engineering, IIT Roorkee. The first circular of 'ISET Golden Jubilee Symposium' is under process and shall be dispatched at an early date.

**Contact Address:** Dr. Manish Shrikhande, Organising Secretary, ISET Golden Jubilee Symposium & Secretary, ISET, Indian Society of Earthquake Technology, Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee 247 667, Uttarakhand, Telephone: +91 1332 285437/284491, Fax: +91 1332 276899/273560  
E-mail: [iset@iitr.ernet.in](mailto:iset@iitr.ernet.in)

## Call for papers

ISET members are invited to submit their research papers for possible publication in the ISET Journal of Earthquake Technology. The PDF file of the manuscript should be submitted to the Editor electronically ([vinaykg@iitk.ac.in](mailto:vinaykg@iitk.ac.in)). The submission may alternatively be made to an Associate Editor ([manohar@civil.iisc.ernet.in](mailto:manohar@civil.iisc.ernet.in) for papers related to Structural Dynamics; [ramana@civil.iitd.ac.in](mailto:ramana@civil.iitd.ac.in) for Soil Dynamics; and [mukutfeg@iitr.ernet.in](mailto:mukutfeg@iitr.ernet.in) for Seismology and Seismotectonics).

## Announcement of the Joseph Penzien Memorial Fund

A fellowship fund has been established in the name of Joseph Penzien to fund and support graduate engineering students enrolled in the Department of Civil and Environmental Engineering at the University of California, Berkeley. Preference will be given to students who have demonstrated financial need and have chosen the field of structural engineering and structural mechanics. The goal is to raise \$500,000 to qualify for a named graduate fellowship.

To make a contribution, please send cash/cheques to Enid C. Pollack, Sr. Development Director at UC Berkeley College of Engineering, 210 McLaughlin Hall, College of Engineering, Berkeley, CA 94720-1722. Please make cheques payable to UC Berkeley College of Engineering and include cheque memo: Joseph Penzien Memorial Fund. Ms. Pollack can be contacted by phone at 510-642-2257 or by email at [epollack@berkeley.edu](mailto:epollack@berkeley.edu).



## Scientist Assistance Program (SAP)

### General Information

The Scientist Assistance Program (SAP) is designed to offer delegates from developing countries financial assistance to participate in the 15th World Conference on Earthquake Engineering 2012. Specific criteria will be established and must be complied with for all those applying to attend the congress under SAP. Financial assistance will include the conference registration fee and a maximum of 500 Euros for flight ticket support.

### Special Conditions

To apply for this financial support the delegates must:

- Be a native of a developing country
- Work in an institution from a developing country
- Be under 35 years of age
- Author or co-author of a submitted abstract

Preference will be given to candidates presenting papers. Interested participants please download and send the completed form (*available soon*) to [secretariat@15wcee.org](mailto:secretariat@15wcee.org) before March 1, 2012.

### Required Documentation

Please attach the following with your application:

- Your personal Curriculum Vitae
- Letters of endorsement for your attendance at the Conference
- Importance of your Conference participation to you, your institution and country, and on other relevant matters on an additional document.
- Copy of the submitted abstract

The decisions will be sent out before July 31, 2012

## Message from ISET President



Dear Fellows/Members,

I would like to first thank you all for the honor you have bestowed upon me to serve as the 32<sup>nd</sup> President of the Indian Society of Earthquake Technology for the term 2011-2013. I take this opportunity to share my thoughts with you.

The earthquake and tsunami that occurred in Japan on March 11, 2011 have been an eye opener for us. For as awful as things were in Japan they could have been much worse in a country which is comparatively less prepared than Japan to face an earthquake.

There are a number of lessons we can learn from the devastating earthquake and Tsunami as well as the resilience shown by Japan in fighting the extreme disaster, namely:

- High level of awareness and preparedness about earthquakes inside and outside home.
- Earthquake drills.
- Innovative technology to design and build buildings to withstand earthquakes.
- To be in a position to help others that are worse off than you.
- Consideration of Tsunami hazard in addition to the earthquake hazard for land use planning, infrastructure and building design including nuclear power plants.

The Indian Society of Earthquake Technology (ISET) shall be completing 50 years of its service to the nation in 2012. Some of the activities which the Society shall endeavor to launch/accomplish during the next two years as approved by EC are as follows:

1. It has been decided to organise 'ISET Golden Jubilee Symposium' on October 20-21, 2012 at Roorkee.
2. One-day Workshops on themes of interest to common public may be conducted by ISET Local Chapters as part of their activities. It is suggested that material for holding Workshops be prepared by ISET.
3. It was decided that the offers for co-publishing of ISET Journal and the database indexing shall be looked into and finalized.
4. ISET should explore possibility for instituting awards for technology development in the area of Earthquake Technology.
5. It has been decided to bring out a 'ISET Golden Jubilee Jai Krishna Commemorative Volume on Earthquake Engineering' to mark the birth centenary of Late Prof. Jai Krishna, Legend of Earthquake Engineering. The President ISET has been authorized to form a working group to oversee this publication.

**There are ample opportunities for members to get involved in promoting the objectives of the society. I welcome your input regarding ideas for making ISET more responsive to the needs of its members and helping it to provide greater service and value to the general public and other stakeholders.**

**(H.R. Wason)**  
President, ISET

## Recognition for ISET Member Prof. Anil K. Chopra



University of California Professor Anil K. Chopra has been included in International Water Power & Dam Construction's list of the "20 most influential people in the industry". According to the announcement, "these people have made the biggest difference to dam engineering over the last 10 years".

Prof. Chopra has a Ph.D. and M.S. degrees from UC Berkeley and an undergraduate degree in civil engineering from Banaras Hindu University, India.

He joined UC Berkeley's civil engineering faculty in 1967, where he has been responsible for the development and teaching of courses in structural engineering, structural dynamics, and earthquake engineering.

He specializes in structural dynamics and earthquake engineering. An author of over 300 published works, his textbook, "Dynamics of Structures: Theory and Applications to Earthquake Engineering", has been widely adopted in U.S. colleges, and used worldwide. It has been translated into Japanese, Korean, Persian, Chinese and Greek.

His numerous honors include several awards from the American Society of Civil Engineers, Housner Medal from the Earthquake Engineering Research Institute, a Distinguished Teaching Award from UC Berkeley. He was elected to the National Academy of Engineering in 1984, and Honorary Member of the International Association for Earthquake Engineering in 2004.

## Results of Election for Executive Committee of ISET for the term 2011-2013

The following persons have been elected for various posts of the ISET Executive Committee for the term 2011-2013:

### (a) PRESIDENT (Elected)

Prof. H.R. Wason (LF-32)

### (b) VICE-PRESIDENT (Elected Unopposed)

Prof. M.L. Sharma (LF-45)

### (c) SECRETARY

Vacant

### (d) MEMBERS (Elected Unopposed)

Mr. B.N. Hira	LM-854
Dr. G. Sankarasubramanian	LM-1277
Dr. Kumar Venkatesh	LM-1053
Mr. Ratnesh Kumar	LM-1401
Mr. Vijay Namdev Khose	LM-1355
Dr. Prosanta Kumar Khan	LM-962
Er. Y.K. Gupta	LM-162
Dr. Akhilesh Kumar Pandey	LM-1360

Sd/-  
(J.P. Narayan)  
Convener  
ISET Election Committee  
for the term 2011-2013

## The ISET Executive Committee for the term 2011-2013

### President

LF 32  
Prof. H.R. Wason  
Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247 667

### Vice-President

LF 45  
Prof. M.L. Sharma  
Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247 667

### Secretary

LM 690  
Dr. Manish Shrikhande  
Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247 667

### Editor

LF 39  
Prof. Vinay K. Gupta  
Department of Civil Engineering  
Indian Institute of Technology Kanpur  
Kanpur - 208 016

### Co-Editor

LM 1092  
Sri Ajay Purushottam Chourasia  
Principal Scientist, S.E. Division  
Central Building Research Institute  
Roorkee - 247 667

### Members

LM 162  
Er. Y.K. Gupta  
Associate Professor  
Department of Civil Engineering  
Motilal Nehru National Institute of Technology  
Allahabad-211 004

LM 854  
Mr. B.N. Hira  
576, Adarsh Nagar  
Roorkee-247 667

LM 962  
Dr. Prosanta Kumar Khan  
Department of Applied Geophysics  
Indian School of Mines  
Dhanbad-826 004, Jharkhand

LM 1053  
Dr. Kumar Venkatesh  
Department of Civil Engineering  
Motilal Nehru National Institute of Technology  
Allahabad-211 004

LM 1277  
Dr. G. Sankarasubramanian  
Professor in Civil Engineering  
PSG College of Technology  
Peelamedu, Coimbatore-641004, Tamilnadu

LM 1355  
Mr. Vijay Namdev Khose  
B-27, Madhuri Building  
Gunsagar Nagar, Kalwa (W)  
Thane Maharashtra-400 605

LM 1360  
Dr. Akhilesh Kumar Pandey  
Sr. Principal Scientist, S.E. Division  
Central Building Research Institute  
Roorkee - 247 667

LM 1401  
Mr. Ratnesh Kumar  
395, II Floor, Shakti Khand IV  
Indirapuram, Ghaziabad-201014

### Institutional Members

IM 73(P)  
Shri Utpal Moral  
Director (Technical)  
NEEPCO Ltd.  
Lower New Colony  
Shillong-793 003

IM 112(P)  
Dr. Shailesh Kr. Agrawal  
Executive Director  
Building Materials & Technology Promotion Council (BMTPC)  
Core 5A, 1<sup>st</sup> Floor, India Habitat Centre  
Lodhi Road, New Delhi-110 003

### Ex-Officio Members

Dr. B.K. Maheshwari  
(Immediate Past Secretary)  
Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247 667

Dr. A.K. Shukla  
Scientist 'F'/DDGM & Head  
Earthquake Risk Evaluation Centre (EREC)  
O/o Director General of Meteorology  
Mausam Bhavan, Loadi Road  
New Delhi - 110 003

Chief Engineer  
Dam Safety Organisation  
Central Water Commission,  
612(S), Sewa Bhawan, R. K. Puram  
New Delhi - 110 066

Dr. D.D. Joshi  
Senior Geologist  
Earthquake Geology Division  
Geological Survey of India, Northern Region  
Sector-E, Aliganj  
Lucknow-226 024

Dr. Yogendra Singh  
(Nominee of DEQ Prof. & Head)  
Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247 667

## FEE STRUCTURE

Life Membership	₹ 5000/- (US\$ 500)
Annual Membership	₹ 1000/- (US\$ 100)
Student Membership (Annual)	₹ 500/-
Permanent Institutional Membership	₹ 25,000/- (US\$ 2500)
Annual Institutional Membership	₹ 6000/- (US\$ 600)
Life Fellowship (For conversion of Life Membership to Fellowship)	₹ 2000/- (US\$ 200)
Annual Subscription of ISET Journal	₹ 2000/- (US\$ 200)

Application form can be downloaded from website [www.iitr.ernet.in/iset](http://www.iitr.ernet.in/iset) or obtained from Secretary, Indian Society of Earthquake Technology, Earthquake Engineering Department Building, IIT Roorkee, Roorkee-247 667, Uttarakhand, India.

## ISET MEMBERSHIP CORNER

The Executive Committee of ISET extends a hearty welcome to the following Members who have been admitted to the Society during the period December 18, 2010 to April 18, 2011.

### Life Members

1. LM 1490	Dr. Supratic Gupta	New Delhi
2. LM 1491	Dr. Ajay Sharma	Jodhpur, Rajasthan
3. LM 1492	Dr. Suhasini Nandu Madhekar	Pune, Maharashtra
4. LM 1493	Dr. Atindra Kumar Shukla	New Delhi
5. LM 1494	Dr. Saurabh Baruah	Jorhat, Assam
6. LM 1495	Mr. Snehalkumar V. Mevada	Anand, Gujarat
7. LM 1496	Dr. P. Ramadoss	Puducherry
8. LM 1497	Dr. P. Gangadhar Gaikwad	Nashik, Maharashtra
9. LM 1498	Mr. Chittaranjan B. Nayak	Cuttack, Orissa
10. LM 1499	Mr. Anupam S. Raut	Pune, Maharashtra
11. LM 1500	Mr. Anurag Sinha	New Delhi
12. LM 1501	Er. Ashish Kumar	Ghaziabad, U.P.
13. LM 1502	Dr. Pabitra Ranjan Maiti	Varanasi, U.P.
14. LM 1503	Dr. Conrad Lindholm	Norway
15. LM 1504	Dr. Dominik H. Lang	Norway
16. LM 1505	Dr. Amir M. Kaynia	Norway
17. LM 1506	Dr. Rajinder K. Bhasin	Norway
18. LM 1507	Mr. M.S. Saravanan	Salem, Tamilnadu
19. LM 1508	Dr. Neelima Satyma D.	Hyderabad, Andhra Pradesh
20. LM 1509	Dr. Ravi Sankar Jakka	Roorkee
21. LM 1510	Mr. C.S. Narayanan	Chennai, Tamilnadu
22. LM 1511	Mr. Balakrishnan Suresh	Chennai, Tamilnadu

## CALENDAR OF FORTHCOMING EVENTS

**FEBRUARY 15-18, 2012**

**4<sup>th</sup> International Conference on Grouting and Deep Mixing, New Orleans, LA**

**Contact address:** For more details, please visit: [www.dfi.org/conferencedetail.asp](http://www.dfi.org/conferencedetail.asp)

**FEBRUARY 15-18, 2012**

**4<sup>th</sup> IC on “Grouting and Deep Mixing”, New Orleans, Louisiana, USA**

**Contact address:** For more details, please visit: [www.grout2012.org](http://www.grout2012.org)

**MARCH 11-14, 2012**

**27<sup>th</sup> IC on “Solid Waste Technology and Management”, Philadelphia, PA, USA**

**Contact address:** For more details, E-mail: [solid.waste@widener.edu](mailto:solid.waste@widener.edu)

**MARCH 25-29, 2012**

**IC on “GeoCongress 2012: State of the Art and Practice in Geotechnical Engineering” San Francisco (Oakland), California**

**Contact address:** For more details, please visit: <http://content.geoinstitute.org/GeoCongress2012.html>

**MAY 28-30, 2012**

**Second IC on “Performance-Based Design in Earthquake Geotechnical Engineering under ISSMGE TC203”, Taormina, Italy**

**Contact address:** For more details, E-mail: [mmaugeri@dica.unict.it](mailto:mmaugeri@dica.unict.it)

**MAY 30-JUNE 01, 2012**

**IS on “Recent Research, Advances & Execution Aspects of Ground Improvement Works” IS-GI Brussels 2012 under ISSMGE’s TC-211, Brussels, Belgium**

**Contact address:** For more details, please visit: [www.bbri.be/go/IS-GI-2012](http://www.bbri.be/go/IS-GI-2012)

**SEPTEMBER 18-21, 2012**

**4<sup>th</sup> International Conference on “Geotechnical and Geophysical Site Characterization (ISC-4) TC 102”, Porte de Galinhas, Pernambuco-Brazil**

**Contact address:** For more details, please visit: [www.isc-4.com](http://www.isc-4.com)

**SEPTEMBER 24-28, 2012**

**15<sup>th</sup> World Conference on Earthquake Engineering, Lisbon, Portugal**

**Contact address:** For more details, please visit: <http://www.15wcee.org/>

**OCTOBER 30-NOVEMBER 2, 2012**

**IC on “Ground Improvement and Ground Control: Transport Infrastructure Development and Natural Hazards Mitigation”, Wollongong, Australia**

**Contact address:** For more details, please visit: [www.icgiwollongong.com](http://www.icgiwollongong.com)

**DECEMBER 10-14, 2012**

**5<sup>th</sup> ARC on “Geosynthetics for Sustainable Adaptation to Climate Change” GA2012, Bangkok, Thailand**

**Contact address:** For more details, E-mail: [igs-thailand@ait.ac.th](mailto:igs-thailand@ait.ac.th)

## TO ALL MEMBERS OF ISET

We would like to have your current mailing address, telephone numbers, mobile number, fax number and E-mail address. Kindly send this information through e-mail at [iset@iitr.ernet.in](mailto:iset@iitr.ernet.in). We look forward for your active participation in the affairs of the Society.