



NEWS LETTER

INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY

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Co-Editor: M.L. Sharma

April 2007-July 2007

MESSAGE FROM PRESIDENT, ISET



Dear Members,

I am honored to be elected unopposed as President of Indian Society of Earthquake Technology. I thank the Members for giving me an opportunity to serve as President of the Society. I have taken charge of the President along with other Members of Executive Committee on April 20, 2007 for a term of two years. We propose to work closely with the Members of the Society and further stimulate Society activities to meet the objectives of ISET.

This period is very important in the history of development of Earthquake Engineering as many initiatives have been undertaken by the Government to address Earthquake Disaster Mitigation in the country. This is also the period when the boom in the construction industry is taking place due to the economic growth and therefore the role of ISET has become even more important.

In the last couple of years, we have observed two major earthquake, (i) Tsunamigenic Earthquake (Magnitude = 9.3) of Dec. 26, 2004 and (ii) Muzaffarabad Earthquake (Magnitude = 7.7) of October 08, 2005. Each of these earthquakes have caused serious disruption to the society and caused huge losses even to the adjoining countries. The various reasons contributing to the devastation is mainly due to the high vulnerability of buildings and infrastructures to earthquakes and inadequacy in the preparedness measures. It has now been realized that sustainable development can only be realized with a sound Disaster Mitigation and Management Plan. This implies that the policies should address mainly the safety of new construction, and upgradation of the existing (vulnerable) unsafe structures. Therefore, Society activities should largely focus on these issues.

Some of the other important issues which have to be address are (i) education in Earthquake Engineering and Earthquake Resistant Architecture; (ii) capacity building of in-service Engineers and Architects; (iii) implementation of new building bye-laws (taking into account the natural disasters) by the municipal authorities; (iv) seismic retrofitting (upgradation) of existing unsafe buildings and structures; and (v) awareness generation campaigns about earthquake safety and earthquake resistant technology. The Indian Society of Earthquake Technology (ISET) is working for meeting out many of the above issues and would like to collaborate closely with Ministry of Home Affairs, Ministry of Earth Sciences, National Disaster Mitigation Authority (NDMA); Department of Science and Technology (DST); All India Council of Technical Education (AICTE) and ISET Local Chapters.

We are bringing out the upto date Directory of ISET Members and e-mail data base for faster and effective communication. Please send your correct address, e-mail ID and contact numbers to ISET Office. We have also taken initiative to launch the website of the Society. We would like to make the society more broad based by extending membership to other groups.

I urge all the members to come forward in providing valuable suggestions, contributions to the Society and participation in the various activities of the Society. I also request the Members to publish their papers in the ISET Journal of the Society. I am sure with your active involvement, we will be able to take the Society to greater heights.

With regards,

Yours Sincerely,

D.K. Paul
President, ISET

FROM THE DESK OF THE SECRETARY



I am honoured to be elected (unopposed) Secretary of ISET for the term 2007-2009. It is my great pleasure to assume this responsibility. At the outset, on behalf of the ISET, I would like to thank the members of outgoing executive committee for their tireless service for last two years of the society. New executive committee has assumed the charge with effect from April 20, 2007. New E.C. has nominated Prof. Vinay K. Gupta, IIT Kanpur as Editor of ISET and Dr. M.L. Sharma, IIT Roorkee as Co-Editor of ISET for the term 2007-2009.

On the behalf of the new E.C. and on my personal behalf, I assure you that under the dynamic leadership of its new president Prof. D.K. Paul, new E.C. is determined to improve the working of ISET. All members of new team are dedicated to renovate and synergize the society. Efforts have been already started for this noble cause and I seek cooperation of each and every members of ISET. We get strength and energy from your support and cooperation.

One of the most important agenda of this two-year term is to renovate the local chapters as these are the pillars and wings of the society and only through them ISET reaches to masses. Unfortunately at many chapters, elections have not been held from a long time and as a result few chapters are in a dormant state, this needs to be resolved as early as possible. Also opening of new chapters is welcomed in the city/state where there is not a chapter yet.

We are in process of updating the ISET website and soon you will see a lively and up to date website. In coming months, we are planning a number of activities of ISET. Kindly participate and provide your active support. ISET office is also in preparation of up to date directory of its members. Please send your present address and contact numbers to ISET office (may be just through an e-mail). ISET office is also preparing e-mail data base of its members.

Also, I request all the members for coming forward to enhance the membership of the society. I would highly appreciate your valuable suggestions and ideas for taking ISET to greater heights.

Thank you and best wishes to all of you.

Roorkee
July, 2007

B.K. Maheshwari

REQUEST FOR ADVERTISEMENT IN THE ISET JOURNALS AND NEWS LETTER

Dear Sir/Madam

The Indian Society of Earthquake Technology (ISET) was established in 1962. The ISET is a founder member of the International Association for Earthquake Engineering (IAEE) and represents India on this World Forum with various aspects of Earthquake Engineering. The aims and objectives of the Society are mainly to provide necessary forum for Scientists and Engineers for promoting and disseminating the knowledge in the field of Earthquake Engineering.

At present there are 1314 Life Members of ISET from various Government Institutes, NGOs and membership is increasing year by year. The Society is giving wide publicity to the technical know-how related to the field of Earthquake Engineering and Disaster Mitigation through a Journal and News Letter quarterly.

The Society has no permanent source of income except fees of Life Memberships, to meet out the salary of its part time staff, postage and day to day contingent expenditure. Only partial grants are received from DST and AICTE for printing of ISET Journals/News Letters. More funds need to be generated for improving the performance of the Society.

In this context, it is our pleasure to invite you for advertising your products in the Journal/News Letter of the Society. The advertisement charges are as follows:

Sl.No.	Paper Size	Charges for one issue (Indian Rupees)	Charges for all issues during the year (Indian Rupees)
1.	½ page in Journal	Rs. 15,000	Rs. 30,000
2.	Full page in Journal	Rs. 25,000	Rs. 50,000
3.	½ page in News Letters	Rs. 7,500	Rs. 15,000
4.	Full page in News Letters	Rs.12,500	Rs. 25,000

Kindly consider for advertisement in the Society's Journal/News letter and send a copy of your advertisement. Please note that the advertisement charges may please be paid by Bank Draft/Crossed Cheque drawn in favour of "The Secretary, Indian Society of Earthquake Technology", payable at Roorkee.

**RESULTS OF ELECTION FOR EXECUTIVE COMMITTEE OF ISET
FOR THE TERM 2007-2009**

The following persons have been elected for various posts of the ISET Executive Committee for the term 2007-2009:

(a) PRESIDENT (Elected Unopposed)

Prof. D.K. Paul (LF-10)

(b) VICE-PRESIDENT (Elected)

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

(c) SECRETARY (Elected Unopposed)

Dr. B.K. Maheshwari (LM 981)

(d) MEMBERS (Elected)

Prof. Vinay K. Gupta LF-39

Sri A.P. Dange LM-622

Dr. G. Sankarasubramanian LM-1277

Dr. Sushil Gupta LM-726

Sri Girish C. Joshi LM-1085

Sri K.C. Naithani LM-993

Dr. M. Shrikhande LM-690

Dr. Venkata Ramana Gunturi LM-675

LIST OF AWARD WINNING PAPERS FOR THE BLOCK YEARS 2001-2004

FOUR YEARLY AWARDS:

1. **ISET Jai Krishna Award** for the best paper published in ISET publications for the block year 2001-2004.
Paper No. 412, Vol. 38, No. 2-4, June-December, 2001
“Seismic Response of a Twice-Retrofitted Building”
by **David Muria-Vila, Gerardo Rodriguez, Arabella Zapata and Ana Maria Toro**
2. **ISET B.N. Gupta Award** for the best paper in Seismology and Seismotectonics published in ISET Journal for the block year 2001-2004.
Paper No. 439, Vol. 41, No. 1, March, 2004
“Displacement Modelling of Intraplate Earthquakes”
by **Nelson Lam and John Wilson**
3. **ISET V.H. Joshi Award** for the best paper in Soil Dynamics published in ISET Journal for the block year 2001-2004.
Paper No. 409, Vol. 38, No. 1, March, 2001
“Site-Specific Ground Motion Prediction Using 3-D Modelling”
by **J.P. Narayan**
4. **ISET Hanumantacharaya Joshi Award** for the best paper in Structural Dynamics published in ISET Journal for the block year 2001-2004.
Paper No. 429, Vol. 39, No. 4, December, 2002
“Developments in Response Spectrum-Based Stochastic Response of Structural Systems”
by **Vinay K. Gupta**

TO ALL MEMBERS OF ISET

We would like to have your current mailing address, telephone numbers, fax number and e-mail address. Kindly send this information through e-mail at iset_rke@rediffmail.com. We look forward for your active participation in the affairs of the Society.

FEE STRUCTURE

For Indian

Life membership	Rs. 3000/-
Annual Membership	Rs. 750/-
Student Membership (Annual)	Rs. 200/-
Permanent Institutional Membership	Rs. 15,000/-
Annual Institutional Membership	Rs. 4000/-
Life Fellowship (For conversion of Life Membership to Fellowship)	Rs. 1500/-
Annual Subscription of ISET Journal	Rs. 1500/-

For Abroad

Life membership	US\$ 300/-
Annual Membership	US\$ 75/-
Permanent Institutional Membership	US\$ 1500/-
Annual Institutional Membership	US\$ 400/-
Life Fellowship (For conversion of Life Membership to Fellowship)	US\$ 150/-
Annual Subscription of ISET Journal	US\$ 150/-

CALENDER OF FORTHCOMING EVENTS

AUGUST 4-5, 2007

Geotechnical and Structural Aspects of Earthquake Engineering to be held in New Delhi

Organizer: Department of Civil Engineering, Jamia Millia Islamia, New Delhi-110 025.

Contact address: Dr. S.M. Abbas, Organizing Secretary, GSEE'07, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, Jamia Nagar, New Delhi-110025, Tel: 011-26985227, 09868858887, 09810300867, 09868823417, Fax: 011-26981261, E-mail: gsee07@gmail.com

SEPTEMBER 09, 2007

National Seminar on Ready Mixed Concrete and use of Waste Materials in Concrete to be held in Allahabad

Organizer: Indian Concrete Institute, Allahabad Center, UP

Contact address: Er. Prashant Agrawal, Hon. Secretary, ICI Allahabad Center, QC Manager HCC, Allahabad Bypass Project, Lucknow Road, Nawabganj, Allahabad -229 412, Tel: 05335-231868-70(O), 2445643(R), Mob: 09415316198, Fax: 05335-231870, Email: prashant982001@yahoo.com

AUGUST 11-16, 2008

6th International Conference on Case Histories in Geotechnical Engineering and Symposium in Honor of Professor James K. Mitchell to be held in Arlington, Virginia, USA.

Contact address: Dr. Shamsher Prakash, Conference Chairman, Professor Emeritus in Civil Engineering, University of Missouri-Rolla, Tel: (573) 341-4489, Fax: (573) 341-4729/4992, Email: prakash@umr.edu

OCTOBER 1-6, 2008

12th International Conference of IACMAG to be held in Goa, India

Contact address: Prof. D.N. Singh, Dept. of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai-400 076, Tel: 91-22-25767340(O), 25768340(R)/25720644(R-Direct), M: 09820758508, Fax: 91-22-25767302/25723480, E-mail: dns@civil.iitb.ac.in

OCTOBER 12-17, 2008

14th World Conference on Earthquake Engineering to be held in Beijing, China

Contact address: 14WCEE Secretariat, C/o Chinese Association of Earthquake Engineering, 9 Xuefu Road, Harbin 150080, China, Tel: +86-451-86652900, Fax: +86-451-86652651, E-mail: secretariat@14wcee.org, Web: www.14wcee.org

ISET MEMBER RECEIVED DOCTOR HONORIS CAUSA AWARD



Professor Anil K. Chopra, University of California, an ISET Member received the prestigious **Doctor Honoris Causa** by the Technical University Bucharest. This highest academic title in Romania was awarded at the Symposium Commemorating the 30th Anniversary of the 1977 Romania Earthquake, where he gave the opening keynote address.

Born in 1941, 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.

His area of expertise includes 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, and Chinese.

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.

PROF. MAHESH TANDON RECEIVED ARCHIDESIGN HINDWARE AWARD



In a glittering National Award presentation ceremony on 29th November 2006, Prof. Mahesh Tandon was accorded the **Archidesign Hindware Award** for the 'Structural Engineer of the year 2006' by the Foundation for Architecture & Environmental Awareness. The photograph shows Prof Tandon receiving the award from Mr R K Somany, Chairman Archidesign Awards.

Earlier in the year he was honoured by the Institution of the Engineers (India) in recognition of his eminence and contributions to the profession of Civil Engineering.

At the FIB Congress at Naples, Italy, he was invited to present a keynote paper on 'Elevated Viaducts of Delhi Metro' and the project was also nominated for the Outstanding Structures Award' in recognition of its positive influence and reputation and promotion of concrete structures.

BOOK ANNOUNCEMENT

National Information Centre of Earthquake Engineering, I.I.T. Kanpur

The following monograph of the National Center on Earthquake Engineering (NICEE) has been reprinted by the National Information Center on Earthquake Engineering (NICEE).

"Seismic Conceptual Design of Buildings-Basic principles for engineers, architects, building owners, and authorities" by Hugo Bachmann

The monograph is priced at Rs. 200/-. Overseas orders may add Rs. 250/- for air mail (Rs. 450/- is about US\$ 10).

Payment can be made by credit card at web site www.nicee.org/payment.php mentioning "Bachmann Publications" as purpose or can also be made by a draft in favour of 'National Information Center of Earthquake Engineering' payable at Kanpur and mailed to Ms. Snehal Kaushik, National Information Center of Earthquake Engineering, IIT Kanpur, Kanpur-208 016. Outstation cheques will be accepted and should add Rs. 45/- as bank charges.

National Information Centre of Earthquake Engineering, I.I.T. Kanpur

National Information Center on Earthquake Engineering (NICEE) is pleased to announce launching of a new quarterly periodical **Earthquake Engineering Practice**. The initiative is meant to disseminate current research and state-of-the-art in Earthquake Engineering to professionals and academics in developing countries. The periodical consists of articles of wide interest to the professionals, academicians and researchers, already published in reputed journals. The inaugural March 2007 issue will be released shortly; its contents may be viewed at <http://www.nicee.org/EEPcontents.php>

Earthquake Engineering Practice is available free of charge to individuals. Organizations and Libraries may procure the same on payment of a yearly subscription. *The periodical is not disseminated in USA and Canada.* Subscription rates for Organizations/Libraries (per year, 4 issues) are:

Rs. 1000	:	From within India
Rs. 2000	:	From outside India including Airmail
(About US\$ 45)		(Not distributed in USA and Canada)

Payment can be made by credit card at web site www.nicee.org/payment.php mentioning "NICEE_Periodical" or can also be made by a cheque/draft in favour of 'National Information Center of Earthquake Engineering' payable at Kanpur and mailed to Ms. Snehal Kaushik, National Information Center of Earthquake Engineering, IIT Kanpur, Kanpur-208 016. Outstation cheques will be accepted and should add Rs. 45/- as bank charges.

2007 SHAMSHER PRAKASH ANNUAL PRIZE FOR EXCELLENCE IN THE PRACTICE OF GEOTECHNICAL ENGINEERING

Shamsher Prakash Foundation solicits nominations (no applications) for the "2007 SHAMSHER PRAKASH ANNUAL PRIZE FOR EXCELLENCE IN THE PRACTICE OF GEOTECHNICAL ENGINEERING" for young (45 years) primarily engineers, all over the world. Nominations should reach the Honorary Secretary on or before September 30, 2007. The candidates should be specialists in Geotechnical Engineering and/or Geotechnical Earthquake Engineering and it is necessary that they have significant independent contributions and show promise of excellence. The Award consists of US \$1100.00 and a plaque. The nominations may be made on a plain paper. The award will be announced by December 31, 2007.

Particulars for Nominations:

Please send SEVEN complete assembled folders to the Foundations with following information:

(1) Name of the Candidate, (2) Complete postal address and Telephone, Fax number, E-mail, (3) Date of birth and age as on September 30, 2007, (4) Chronology of education, (5) Chronology of jobs held, (6) Area of specialization, (7) Statement of 500 words demonstrating the significant contribution to practice, and its national and/or international impact and future potential, (8) Complete list of professional reports in the preceding 5 year period, and referred technical papers, in journals only. Please enclose not more than two reports and three publications and Digital color photo (Soft copy).

For further information, please contact: Shamsher Prakash or Sally Prakash, Honorary Secretary, SPF, 1707 Jackson Circle, Rolla MO 65401, USA, Tele/Fax: 573-3645572, E-mail: prakash@umr.edu & sallyp@umr.edu, Web: www.yoga10.org

ISET MEMBERSHIP CORNER

The Executive Committee of ISET extends a hearty welcome to the following Life Members who have been admitted to the Society during the period December 19, 2006 to April 19, 2007:

LIFE MEMBERS:

1. LM 1306	Er. J.N. Khataniar	Guwahati, Assam
2. LM 1307	Dr. Rajan Suwal	Bhaktapur, Nepal
3. LM 1308	Sri Prachand Man Pradhan	Bhaktapur, Nepal
4. LM 1309	Sri Hari Om Gupta	New Delhi
5. LM 1310	Ms. Shipra Malik	IIT Roorkee
6. LM 1311	Mr. Susheel Kumar Katariya	Roorkee
7. LM 1312	Mr. Sadanand Shekhar Paramane	Kolhapur, Maharashtra
8. LM 1313	Dr. Kaup Srinivasa Jagadish	Bangalore
9. LM 1314	Sri Sanjeev Vohra	Mandi, HP