



# ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

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## *Editorial Board Members*

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- ◆ International Conference on Computer-Aided Ergonomics, Human Factors and Safety: Information Technology, Knowledge Management and Engineering for Enterprise Productivity and Quality of Working Life
- ◆ XVII<sup>th</sup> World Congress on Safety and Health at Work
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**\* From the Editor**

*It was the tourist season and the conference season as well, when the tsunami struck the shores of many South Asian Countries. We had grief instead of celebration. As scientists we could realize the limitation of our knowledge to predict such events. On behalf of the society we express our condolence to the deceased and sympathy to the affected people of the India and neighboring countries. At the same time we invite the members to initiate action towards development of appropriate knowledge /data / ergonomic methods, whatever possible, to save humanity from such massive destructive situations.*

**\* Message from the IEA**

**To the South-East Asian Ergonomics Society  
To the Indian Ergonomics Society**

**The world has been stunned by the earthquake and tsunami that struck your region. In these circumstances, I would like, on behalf the IEA, to express the sympathy of the whole ergonomics community to the members of the SEAES and of the IES.**

**This disaster, that caused countless deaths and wounds, has not been felt as a far away, exotic, event. On the contrary, it has created or strengthened the feeling of a shared destiny of the peoples of the world. In all countries, poor or rich, a spontaneous movement of compassion has arisen, in many cases pushing governments towards more involvement and increased assistance.**

**This feeling of global solidarity is unprecedented. Let us hope it announces an era of more awareness of the humanity common fate.**

**Pierre Falzon  
President of the IEA**

***Reply from the Secretary of ISE:***

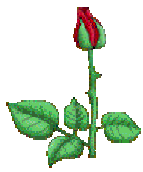
**As secretary of the Indian Society of Ergonomics and on behalf of the people of India we accept your feelings especially rendered to the tsunami victims.**

**It reminds me one of our famous songs from the North-eastern part of India "We the human beings are for each other - one life is for another – what we want is our solidarity and sympathy with love and affection". Your mail carries that.**

**On behalf of ISE, I convey our sincere thanks and gratitude to you and all the members of IEA.**

## \* Welcome New Members

ISE Newsletter welcomes the following new Life Members:



L104: **Ms. P. Parimalam**, Department of Family Resource Management, Tamilnadu Agricultural University, Madurai, Tamil Nadu.

L105: **Dr. Deepak Sharan**, Head, Dept. of Orthopaedics & Rehabilitation, Bangalore Children's Hospital & Research Centre, Bangalore, Karnataka.

L106: **Mr. Krishna Narayan Dewangan**, Department of Agricultural Engineering, North Eastern Regional Institute of Science & Technology, Itanagar, Arunachal Pradesh.

L107: **Dr. V. K. Tewari**, Professor, Agricultural and Food Technology Department, Indian Institute of Technology, Kharagpur, West Bengal.

## \* Job Opportunity

**Sports Authority of India** invites applications from eligible candidates for research fellowship in the following **disciplines** : -

Physiology, Biomechanics, Anthropometry, Biochemistry, Psychology, Nutrition, Training Methods & Dope Control

**Essential Qualifications:** Post-graduate degree in relevant subject with minimum of 55% marks for General/OBC candidates and 50% for SC/ST and Physically handicapped candidates. For Dope Control, M.Sc in Biochemistry / Analytical Chemistry / Pharmacology. For Biomechanics, Master degree in Biomedical Engineering / Biophysics. For training methods, MPE / MPEd with NIS Diploma.

Interested candidates should **apply to** Executive Director (TEAMS), Sports Authority of India J.N.Stadium, New Delhi - 110003 with a research proposal on or before **28<sup>th</sup> January 2005**.

## \* News

Decisions taken during Executive Committee meeting held on 8th December 2004 :-

1) The website of the Indian Society of Ergonomics is to be uploaded. Necessary updates and additions will take place on a continuous basis and will be implemented by a suitable person nominated from among our members.

2) It was decided to take up publication of the ISE Journal soon. Dr.A.R.Guharay, Acting President of the ISE and chairman of the meeting suggested that Dr.P.C.Dhara, Dr.Somnath Gangopadhyay and Mr.K.N.Sen should coordinate the task of publishing the journal. Dr.G.G.Ray added that the committee which was formed earlier for this purpose should be involved for the various tasks related to the publication of the Journal. Regarding the financial sustainability - a suitable arrangement was worked out in consultation with the Treasurer, Dr.C.K.Pradhan

## \* Member Activities

### Seminar on Occupational Safety and Health

A two-day Seminar on Occupational Safety and Health was held at Park Hotel, Kolkata, during 22- 23 November 2004, jointly by the Centre for Working Life - Kolkata and the National Institute for Working Life Sweden. The seminar was inaugurated by Mr.N.N.Framjee, Chairman, National Safety Council, West Bengal chapter and Executive Director, CESC Limited. Twenty-six participants including occupational health doctors and safety professionals from various parts of the country attended the programme.



Speakers were: Mr. Kaj Elgstrand, Mr. Nils Petersson of the Swedish National Institute for Working Life and Ms. Christina Johnsson of the Swedish Work Environment Authority; Dr Madhumita Dobe, Dr. Prakash Dhara, Dr. Somnath Gangopadhyay, Dr.S.R.Pingle, Dr.K.B.Saha, Mr.K.N.Sen, Dr. Bhargavi Bhattacharjee Chatterjee, Dr.P.K.Samantaray from different institutions within the country.

## \* Ergonomics, Health & Safety Training programme

A five evening training programme on Ergonomics, Occupational Health and Safety at Work was jointly organized by Academic Staff College, University of Calcutta and Indian Society of Ergonomics from 6th to 10th December, 2004 at the Academic Staff College, University College of Science and Technology, Kolkata.

The entire programme was coordinated by Dr. Somnath Gangopadhyay, Dept. of Physiology, Calcutta University and Mr. K.N.Sen, L&T, ECC Division. Participants from different universities, institutions (Governmental, Non Governmental and NGOs) and Industry took active part. Seven faculties from different Universities, Institutes and Industries enlightened participants by their thought-provoking lectures on different aspects of Ergonomics, Safety and Occupational Health. The Director, Academic Staff College (ASC), and the Acting President of Indian Society of Ergonomics were also regularly present on all the five evenings of the training programme.

Three evaluation tests were conducted, and certificates were distributed with proper gradation among the successful participants of the programme.

## \* 92<sup>nd</sup> Session of Indian Science Congress Association

The 92<sup>nd</sup> session of the Indian Science Congress Association was held in Ahmedabad from 3<sup>rd</sup> to 7<sup>th</sup> January, 2005. Section 11 (Medical Sciences including Physiology) organized a symposium on "**Ergonomics and Occupational Health**" on 7<sup>th</sup> January.

There were more than 50 participants, including Dr. W. Selvamurthy and Dr.P.K. Banerjee. The session was chaired by Dr. P.K. Nag and Dr. Ramnik Parekh. The following lectures were delivered:-

- Trends of ergonomics in Indian industries – Dr. P.K. Nag
- Occupational Health in India – Dr. Ramnik Parekh
- 3D motion analysis and force plate technology in ergonomics of load carriage – Dr. D. Majumdar
- Occupational Health Hazards in Indian Chemical industry – a review – Dr. A. Roy Chowdhury
- Ergonomics appraisal of rice cultivation in West Bengal – Dr. P. Dhara
- Study of oxidative stress & altered lung function in occupationally exposed traffic personnel of Kolkata and its possible remedy – Dr. Subrata Ghosh

Dr. L.P. Gite delivered a lecture on “**Ergonomics Scenario in Indian Agriculture**” on 3<sup>rd</sup> January. A symposium on “Physical training & Positive Health” was also held. The speakers were Prof. Alope Banerjee, Dr. G.L. Khanna and Dr. U.S. Ray.

#### ✳ **Forthcoming conferences:**

##### **SEAES IPS 2005 International conference**



SEAES IPS 2005 International conference – a joint meeting of the 8<sup>th</sup> South East Asian Ergonomics Society Conference and the 12<sup>th</sup> National Congress & 15<sup>th</sup> Scientific Seminar of the Indonesian Physiological Society. The conference will be held in the exotic city of Denpasar, **Bali, Indonesia, from 23 – 25 May 2005**. The conference theme will be “**Bridging the Gap**”. Contact [iaifibali@yahoo.com](mailto:iaifibali@yahoo.com) for details.

##### **International Conference on Computer-Aided Ergonomics, Human Factors and Safety: Information Technology, Knowledge Management and Engineering for Enterprise Productivity and Quality of Working Life**

**May 25 - May 28, 2005** Technical University of Kosice, **Kosice, Slovak Republic**.

Under the Auspices of Mayor of Kosice City Endorsed by International Ergonomics Association Slovak Ergonomics Association, Slovakia Committee on Ergonomics of the Polish Academy Of Sciences All-Ukrainian Ergonomics Association, Ukraine Czech Ergonomics Society, Czech Republic Polish Ergonomics Society, Poland Organized in cooperation with: Tampere University of Technology, Tampere, Finland Central Institute for Labour Protection - State Research Institute, Poland Universitat Politècnica de Catalunya, Barcelona, Spain Technical University of Poznan, Poland Center for Industrial Ergonomics, University of Louisville, USA Ergoweb, Inc., USA

All necessary information can be found on the conference web site: <http://www.ergonet.net/caes2005/>

## XVII<sup>th</sup> World Congress on Safety and Health at Work.

18-22 September 2005. Orlando, Florida, USA.

The World Congress on Safety and Health at Work is an international forum of 3000+ professionals who gather every 3 years to exchange ideas, research and best practices on highly topical issues in the area of Occupational Safety and Health. [click here for more information](#) or [email](#).



The conference will be held in **December 10-12, 2005** at Indian Institute of Technology **Guwahati, Assam, India**. The special focus will be on addressing issues applicable to small-scale sector and cottage industries.

A pre-conference workshop on ergonomics methodology will take place on December 09, 2005. The conference will have technical and plenary sessions including oral and poster presentations.

### Important deadlines

Submission of Abstract: May 31, 2005

Submission of Full paper: Sept. 30, 2005

Notification of acceptance: June 30, 2005

Last date of Registration: Oct. 31, 2005

You are welcome to send e-mails in advance, indicating interest to participate to the Organising Secretary -Dr.Debkumar Chakrabarti, [hwwe2005@iitg.ernet.in](mailto:hwwe2005@iitg.ernet.in)

## IEA 2006



The IEA Triennial Congress is to be held from **10-14 July 2006** in **Maastricht, the Netherlands**. IEA has invited suggestions that will help to make IEA2006 the best place for new knowledge, reflection and contacts and also the innovative ideas for sessions "**Ergonomics Congress really ergonomical?**" Major theme of the congress is: Meeting **diversity in ergonomics**. The broad scope of our field of interest and the variety in ergonomics and ergonomists and the global differences will be emphasized.

Topics to be addressed: physical workload, mental workload, environmental factors, organizational design and management (ODAM), etc.

areas of application, such as: manufacturing, process industry, office, rehabilitation, hospital, agriculture, the built environment; methodology: research methodology, engineering practices, project ergonomics; cultural differences worldwide: modern industrial countries versus industrially developing countries.

Several different congress formats will be expected, such as: traditional keynotes and oral presentations, a speakers corner on a market place, interactive sessions, hands-on workshops, professional visits, and interactive poster sessions.

### Important dates:

Proposals workshops, symposia

1 September 2003 - 1 September 2005

Abstracts deadline

15 October 2005

Abstracts reviewed

15 December 2005

Full papers submission deadline

1 March 2006

Visit the website : [www.iea2006.org](http://www.iea2006.org) for detailed information.