



ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

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Editorial Board Members

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Mr. K. N. Sen and Mr. D. Ghosh Thakur

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- XVIII Annual Conference of the Physiological Society of India, 2006. 8 - 10 December, 2006, Kolkata, India

Forthcoming International events

- International Conference on Frontier Researches in Integrative Physiology (ICFRIP) 2007 12 – 14 January, 2007, Kolkata, India
- ERGONOMA 2007 European Tradeshow on Work Ergonomics and Wellness Solutions, 5th edition 7-9 February 2007, Brussels, Belgium
- International Conference on Computing Systems for Human Benefits Stockholm, Sweden, 21–24 May 2007

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ISE is online at : <http://ise.org.in/>

* Editorial

ISE Newsletter congratulates Dr. Suman Singh for the award received by the educational film on drudgery reduction through appropriate technology. Our members participated in the recently held two day National Workshop on "Methodologies for Fitness assessment" using new technology and with a clearly defined follow-up programme. A number of conferences with technical sessions on ergonomics, work physiology, sports & exercise physiology, occupational ergonomics, etc., are scheduled to be held in the next three months. A web reference to an interesting educational site on office ergonomics is included in this issue.

* Welcome new members!

ISE Newsletter welcomes the following new Life Members:



L128 **URIMINDI VENKATA KIRAN**, Dept. of FRM, College of Home Science, Allahabad Agricultural Institute - DU, Naini, Allahabad.

L129 **ADARSH KUMAR**, Division of Agricultural Engineering, Indian Agricultural Research Institute, Pusa, New Delhi

L130 **PARESH CHANDRA GHOSH**, Industrial Physiology & Ergonomics Division, Central Labour Institute, Sion, Mumbai

and the new Student Member:

S0601 **R VENKADESAN**, J.K.K.College of Physiotherapy, Komarapalayam, Namakkal, Tamilnadu

* Member Activities

Educational film wins award

The film "Unnata tachnik dwara thakan mey kam" (Drudgery Reduction through Improved Technology) won the **Educational Video Award - Best Programme on Child & Women Issues** for the year 2005 (among 246 entries including Asian Countries).



Rice transplanter



Maize sheller



Groundnut decorticator

Three educational films were made under the Mission Mode Project on 'Empowerment of Women in Agriculture'. The mission of the Project was Technological & Economic Empowerment of farmwomen to reduce their drudgeries and increase work efficiency in the context of agriculture and animal husbandry. The Lead Center for the project was the College of Home Science, MPUAT, Udaipur, with six cooperating centers in India. The project involved Participatory Approach involving women self-help groups. The project was funded by the World Bank through ICAR, New Delhi. The above-mentioned films were made with technical expertise from T-Series Pvt. Ltd, Noida. These films are available for sale from the College at a cost of Rs.200 for VCD & Rs. 300 for DVD. The title of films are-

1. Empowerment of women in agriculture- A Strategic Model (English)
2. *Unnat tachnik dwara thakan mein kami* (Hindi)
3. *Krishak Mahila- aay ke badhte avsar* (Hindi)

Any further enquiries in this regard can be made to **Dr Suman Singh**, Sr. Scientist AICRP-FRM, College of Home Science, Maharana Pratap University of Agriculture & Technology, Udaipur, (Rajasthan), email: sumanfrm@rediffmail.com Phone: 0294-247-0122, 09314131215

* Report

Methodologies for Fitness Assessment

A two-day National Workshop on “Methodologies for Fitness Assessment” was organized by the Nutrition Society of India (NSI) - Mumbai Chapter on 15 & 16 September, 2006 at the SNTD Auditorium, Mumbai.



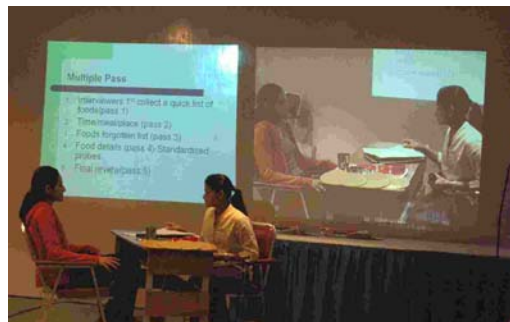
Inaugural session – lighting the candle

About 145 participants representing coaches, instructors, sports nutritionists, dietitians, teachers, researchers and the sports enthusiasts, from all over India took part in this two days program. The workshop re-oriented the participants on the sensitivity and specificity of the different methods used in fitness assessment and the different cut-off points that need to be used for different categories of the population.

The workshop used modern advanced projection technologies for better visibility of the lecture-cum-demonstrations of body composition, cardiovascular fitness, respiratory fitness, muscular power, endurance and fitness assessment of special groups (such as athletes, geriatrics, and physically and mentally challenged).



Dr R. Iqbal demonstrating body composition measurement techniques



Live demonstration along with simultaneous wall projections for the participants

As Post-workshop activity, participants will initiate a multicentered common program to generate minimum basic data of the Indian population.

Those interested to participate in the common program may write for detailed information to: Dr. Kasturi Sen Ray, Reader, Department of Food Science and Nutrition, SNTD Women's University, Juhu, Mumbai, India.

IEA News

In the IEA at the Council Meeting in Maastricht in July 2006, Prof. David C Caple was elected as the 16th IEA President and Dr Halimahtun Khalid from Malaysia as the Chair of the International Development Committee.

Three new Technical Committees (TCs) were formed at Maastricht - (Ergonomics in Design; Gender and Work; and Slips, Trips and Falls).

Gender and Work –

Objectives:

- to advance understanding of the interactions between gender, sex and the science and practice of ergonomics
- to advance understanding of gender issues in the context of work, in relation to the science and practice of ergonomics
- to enhance the contribution of the science and practice of ergonomics to equal access of men and women to economic, physical and psychological well-being.

Activities proposed for the near future:

- to sponsor symposia in national and international meetings
- to perform a systematic review of the relevant literature on ergonomics and gender.

If you are interested to join or find out more please email the committee Chair Karen Messing at: messing.karen@uqam.ca

Similarly all the TCs are encouraging new members to join and benefit from the opportunities provided via the IEA for ongoing professional development. The full list of TCs is available at: <http://www.iea.cc/events/technical.cfm>

Forthcoming conferences

Pro-active Approach towards Quality in Engineering Education Pune, 21st to 25th November, 2006

The Indian Society for Technical Education [ISTE] is organising an Approved Self Financed Short Term Course on Pro-active Approach towards Quality in Engineering Education, at the Department of Mechanical Engineering, Smt. Kashibai Navale College of Engineering, Pune. The Course is designed and developed at the operational level for the faculty members of engineering colleges in India. It includes both the theory and implementation aspects.

Contact: Milind S. Mali, Co-coordinator of STC & Asst. Prof. in Mechanical Engineering, Sinhgad Technical Education Society's, Smt. Kashibai Navale College of Engineering, S. No. 44/1, Off. Sinhgad Rd., Vadgaon (Bk.), Pune – 411041, Maharashtra, INDIA
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XVIII Annual Conference of the Physiological Society of India, 2006

8 - 10 December, 2006, Kolkata, India

The conference will be held at the Department of Physiology, Presidency College, Kolkata, West Bengal, India. The conference will have technical sessions including symposia, oral and poster presentations.

For registration and other communications contact: Dr. Chandan Mitra, Organizing Secretary, XVIII Annual Conference of the Physiological Society of India, Department of Physiology, Presidency College, Kolkata 700073, West Bengal, India. Phone: 033-2219-8149, 033-2241-1960 Extn 213, Email: pcphysiolpsi2006@yahoo.co.in Website: <http://www.geocities.com/pcphysiolpsi2006>

International Conference on Frontier Researches in Integrative Physiology (ICFRIP) 2007

12 – 14 January, 2007, Kolkata, India

Venue: Department of Physiology, University of Calcutta, Kolkata, India. Submission of Abstracts, registration and accommodation requests by: **30.11.2006**.

Contact: Dr. Biswadev Bishayi, biswa_dev2@yahoo.com OR Dr. Somnath Ganagopadhyay, ganguly1961@yahoo.com, Department of Physiology, University of Calcutta, 92 APC Road, Kolkata - 700009, West Bengal, India
Phone: 033-2350-8386 Extn 404, FAX: 033-2351-9735

ERGONOMA 2007

**European Tradeshow on Work Ergonomics and Wellness Solutions, 5th edition
7-9 February 2007 @ Thurn & Taxis, Brussels, Belgium**



The international meeting place for ergonomics users and practitioners ergonomic furniture, equipment and accessories for office and industrial workplaces services and consultants – wellness at work - designers – professional bodies ergonomics international conferences.

Visit Ergonoma 2007 (and see photographs of Ergonoma 2006) at:
http://www.ergonoma.com/site/ergonoma_en/articles.php?lng=en&pg=40

**Work With
Computing
Systems**
WWCS 2007, Stockholm



**International Conference on Computing
Systems for Human Benefits**
Stockholm, Sweden 21–24 May 2007

Extended deadline!

The deadline for submission of abstracts to the WWCS 2007 conference has been extended to Monday November 13th 2006. Please note that the deadline for early registration and reduced conference fee is October 30th.

The WWCS 2007 conference is unique in that it is organized by representatives of both theory and practice, by promoters of knowledge on sound and usable computing systems and by those who implement this knowledge in actual working life.

The four-day conference will be comprised of keynote speeches, oral and poster sessions, workshops and exhibitions. Pre- and post-conference workshops will be offered as well. The emphasis will be on interaction between theory and practice, and on making the conference a meeting place for international experts within many disciplines of science, design, manufacturing and the labor market, as well as health supervisors and users of computing systems.

Themes for the conference

Healthy and efficient work with computing systems

- Health and well-being
- Working conditions and demands in relation to human physical, psychosocial and cognitive abilities, limitations, and needs
- Working-life oriented rehabilitation of health among computing system users
- Utility and validity of present norms and standards
- Supervision and labor inspections – today and improvements for the future

Computing systems for mobile and non-mobile work

- Mobile systems: advantages and disadvantages
- Wireless networks and telecommunication – work at any time and any place
- Long-term sedentary work

Computing systems for everyone and in specific areas

- Employment and computing systems
- Applications for work at home, in school, health care, the media etc
- Applications for the ageing worker or the disabled at work
- Specific gender aspects
- Healthy and efficient computing systems for all

Conference Secretariat

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*** Knowledge base**

TIFAQ

The Typing Injury FAQ (frequently asked questions) is an educational site, provided by the CTD Resource Network, Inc., containing a wide variety of information about repetitive strain injuries (RSIs), resources for dealing with these ailments, and a broad description of assistive products to reduce injury risk and symptoms. <http://www.tifaq.com/index.html>