



ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

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Forthcoming International events:

- [SEANES 2012, July 9-12, 2012, Langkawi, Malaysia](#)
- [44th Conference of the Nordic Ergonomics and Human Factors Society, August 19-22, 2012, Stockholm, Sweden.](#)
- [IEA 2015, August 9-15, 2015, Melbourne, Australia](#)

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

* **Welcome New members!**

ISE Newsletter welcomes the following new Life Members:



L377 Arunava Banerjee, Chennai

L378 Rajender Kumar, Hisar

* **IEA News**

IEA Fellow Award

The IEA Fellowship Award is given to recognize extraordinary or sustained, superior accomplishments of an individual. To be considered for a fellowship two eligibility criteria must be satisfied. In addition, the candidate's distinction as an ergonomics professional must be demonstrated.

Nominations due **May 1, 2012**

[Click here to download the IEA Fellow Nomination Form](#)

The IEA/Liberty Mutual Medal in Occupational Safety and Ergonomics

The IEA/Liberty Mutual Medal in Occupational Safety and Ergonomics was instituted in 1998. The award and a cash prize of US\$ 10,000 recognizes outstanding original research leading to the reduction or mitigation of work-related injuries and/or to the advancement of theory, understanding, and development of occupational safety research.

The Liberty Mutual Medal winners are selected by an international review committee established by the IEA.

Applications are due **May 31, 2012**

[Click here to read details](#)

[Click here for the PDF version](#)

* **Report – IEA 2012 – Recife**



The 18th World Congress of the International Ergonomics Association 2012 (IEA 2012) was held in Recife, Brazil during 12th to 16th February 2012, preceded by the IEA council meeting.

The Congress was inaugurated on 11th February 2012 in the evening by the President of IEA – Prof. Andrew Imada and other IEA council members. The five day long World Congress included 813 scientific papers, 190 posters, 25 cases of successful companies, 10 special sessions, 15 workshops and 13 special lectures.

Eleven delegates from India participated and presented scientific papers in the congress. The delegates were from the National Institute of Industrial Engineering (NITIE) Mumbai, IIT Guwahati, IIT Kharagpur, Assam Agricultural University Jorhat and RECOUP Neuromusculoskeletal Rehabilitation Centre Bangalore.



In the IEA council meeting on 11th February, presentations were made by India, Italy, Canada and Turkey in support of their bids to host the 20th World Congress of the International Ergonomics Association in 2018. On behalf of the Indian Society of Ergonomics (ISE) the bid presentation was made by Dr. Amitabha De and Dr. Rauf Iqbal. Selection of the host country was through voting by the IEA council members. Italy has won the bid to host the IEA 2018 World Congress.

* Member Activities

Two-day Training Programme on “Automobile Ergonomics” for engineers of Maruti Suzuki India Ltd

A two-day Training Programme on ‘Automobile Ergonomics’ for the engineers of Maruti Suzuki India



Limited (MSIL), Gurgaon, was conducted by the National Institute of Design on 15th and 16th March 2012 at Sector 16, Gurgaon, Haryana. The Training Programme was anchored by Dr. Subir Das, Senior Faculty (Ergonomics). The other faculty member was Professor Anil Sinha, Principal Designer, Communication Design.

A total of 26 engineers took part in this training programme and they were mainly from seven different departments - Seating Design; Interior Plastic Trims; Gear Shift Assembly; Steering Wheel, All Pedals, Parking Brake; Modeling Studio; Instrument Panel and Vehicle Lay-outing.

Participants got input in the areas of ‘Ergonomics of sitting and car seat’, ‘Elements of design and vehicle graphics’, ‘Anthropometry and its application in car design’ and ‘Cognitive ergonomics and interface design’.

Participants carried out hands-on exercises on ergonomic analysis of the following areas with a view to identify ‘Scope for Design Improvements’:

- Driver’s Seat: Sitting Posture; Accessibility & Visibility of Different Control & Displays; Ingress and Egress; Anthropometrics; etc.
- Dash Board: Displays, Controls; Grouping of Controls; Layout of Displays; Shape, Size and Accessibility of Controls; Colour Scheme; etc.
- Co-passengers’ Seat: Ingress & Egress; Anthropometrics; Sitting Posture; etc.



Book Release

A book entitled “Drudgery of Farm Women - its Assessment and Management” (Editors of the book are Dr. Maya Choudhary, Dr. Suman Singh & Dr. Hemu Rathore) was released on 16th March, 2012 at the Maharana Pratap University of Agriculture and Technology, Udaipur by Dr. Arvind Kumar, DDG (Edu) in presence of Hon’ble Vice Chancellor Prof. S.S. Chahal, Prof. L.N. Kaul, AMITY University, New Delhi, Prof. O. P. Gupta, Ex-Director Research RAU, Bikaner and other senior officials of the University,.



The book deals with development of tools, implement and appliances to reduce drudgery to a large extent and increase output, leading to saving of time so that the time so saved could be used for looking after the family better. Despite the development of improved tools and implements, the benefits have not gone in large scale to the farming community, and women continue to work with traditional methods leading to fatigue, ill health and low work output. The editors of this book have made an effort to highlight the drudgery involved in farm work, its scientific assessment and methods to manage the same.

The book covers topics such as perspective on women and health hazards in agriculture, drudgery reducing technology, drudgery assessment techniques, nutritional status and drudgery of women, propagation and adoption of drudgery reducing technologies, organized in 27 chapters under five sections.

Publishers: Himanshu Publications, 464 Hiran Magri, Sector 11, Udaipur 313002 (Raj), Ph: 0294-2583102, Fax: 0294-2523086, email: himanshupublications@gmail.com.

Distributers: The Aryas Book Centre, Hospital Road, Udaipur 313001 (Raj), Ph: 0294-2526160, email: aryabook@gmail.com

* Forthcoming conferences



2nd SEANES International Conference, SEANES 2012

Langkawi, Malaysia, July 9-12, 2012

The Second SEANES International Conference, SEANES 2012 will be organized by the newly formed Human Factors & Ergonomics Society Malaysia, on 9-12 July 2012, on the beautiful island of Langkawi, Malaysia. SEANES 2012 will be organized by the Human Factors and Ergonomics Society Malaysia, and endorsed by the International Ergonomics Association. Mission: To steer and leverage the science and application of ergonomics, human factors and human-computer interaction, towards a safer, productive and sustainable future.

The conference will include a range of exciting keynote presentations by world-leading ergonomists, practical workshops, research paper presentations in parallel scientific sessions, and exhibits & technical demonstrations. There will be extensive opportunities for networking with fellow human factors professionals, as well as meetings of committees and special interest groups affiliated with SEANES member organizations. A full schedule of recreational and social activities will also be provided.

Details at <http://www.seanes.net/seanes2012>

Deadlines & Important Dates

Early Bird Registration & Author registration deadline 1 May, 2012

Late registration from: 2 May, 2012

Final paper selected for IEEE Xplore: 15 May, 2012

General Chair: Dr. Halimahtun M. Khalid, President, South East Asian Network of Ergonomics Societies (SEANES), President, Human Factors & Ergonomics Society Malaysia (HFEM)

Conference Secretariat: Human Factors & Ergonomics Society Malaysia (HFEM)

Phone: +603 2282 9005 /9006

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Email: info@seanes.net

Click [here](#) to download the conference brochure (pdf, 158 kb)



The 44th Annual Conference of the Nordic Ergonomics and Human Factors Society will be held in Stockholm, Sweden, during August 19-22, 2012. The theme of the conference is to move ergonomics into a new phase, for sustainability and growth, for systems, lives and societies, using ergonomics not just as a goal, but as a means.

Early bird registration deadline: June 1, 2012

Presenter reg. deadline: June 20, 2012

Final registration deadline: August 1, 2012

More information at: www.nes2012.se



* Knowledge Base

Ergonomic checkpoints

Practical and easy-to-implement solutions for improving safety, health and working conditions. 2nd edition



Fully revised and expanded, this new edition of the highly successful Ergonomic checkpoints is aimed at reducing work-related accidents and diseases and improving safety, health and working conditions. Building on the wealth of experience of practitioners in applying these checkpoints, the second edition features revised text, additional checkpoints and new, full-colour illustrations.

The manual presents 132 realistic and flexible solutions to ergonomic problems applicable across a whole range of workplace situations, including: materials storage and handling; hand tools; machine safety; workstation design; lighting premises; control of hazardous substances and agents; welfare facilities; work organization.

Each of the illustrated checkpoints indicates an action, why it is necessary and how to carry it out, and provides further hints and points to remember. A template checklist is also included, which can be adapted to individual workplaces.

[Click here to see details of price, availability, and download a copy: English \[pdf 7916KB\]](#)

Future of Ergonomics

In December 2010 the IEA commissioned a Future of Ergonomics committee to develop a position paper (“white paper”) on the future of the human factors/ergonomics (HFE) discipline and profession. The committee consisted of Jan Dul (Chair, Netherlands), Ralph Bruder (Germany), Peter Buckle (UK), Pascale Carayon (USA), Pierre Falzon (France), William S. Marras (USA), John R. Wilson (UK), and Bas van der Doelen (Secretary, Netherlands).



The results were reported at the IEA council meeting and the 18th Triennial World Congress on Ergonomics, IEA-2012 in Brazil. A strategy for the future of HFE was developed by sharing and discussing the views of committee members and many other HFE specialists.

The IEA Council adopted the white paper, “A strategy for human factors/ ergonomics: developing the discipline and profession as a guide in the development of a strategic and action plan”

The paper is published in the journal Ergonomics and has been made freely available for 12 months by courtesy of the publishers, Taylor and Francis. [Click here to download a copy \[pdf 427 kB\]](#)

* Job Opportunity

Assistant /Associate Professor in Design Ergonomics

Department of Industrial Design, Indian Institute of Technology Bombay, Powai, Mumbai 400 076

For details, visit: <http://www.iitb.ac.in/recruit/index.html>