



ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

Vol. 19

October – December 2015

No. 4

Editorial Board Members

A. K. Ganguli	Kolkata	akg (at) rediffmail.com
Debkumar Chakraborti	Guwahati	dc (at) iitg.ernet.in
Prakash Chandra Dhara	Midnapur, WB	prakashdhara (at) rediffmail.com
R Iqbal	Mumbai	rauf_iq (at) yahoo.com
Dhurjati Majumdar	Delhi	majum55 (at) yahoo.com
Chandan Kumar Pradhan	Kolkata	ckpradhan.ise (at) gmail.com
Debasis Sen	Kolkata	devashishsen_12 (at) yahoo.co.in

CONTENTS:

* [ISE AGM](#)

* [Welcome New Members](#)

* [Member News & Activities](#)

[L P Gite joins as Emeritus Scientist at CIAE Bhopal](#)

[Kusal Das receives Dr. Raja Ramanna State Scientist award](#)

[Short course on Ergonomics methodologies for designing and assessing women friendly agriculture tools and technologies](#)

* [HWWE 2015 – Report](#)

* [Forthcoming Conferences](#)

Forthcoming International events:

- [2016 Applied Ergonomics Conference, March 21-24, 2016, Orlando, USA](#)
- [Human Factors in Complex Systems, June 7-8 2016, Nottingham, UK](#)
- [International Society for Occupational Ergonomics and Safety \(ISOES\) XXVIII Annual International Conference, June 9-10, 2016, Chicago, USA](#)

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

The Annual General Meeting (AGM) of the Indian Society of Ergonomics was held on the 7th December 2015 at IIT Bombay, Powai, Mumbai.

The proposal of the outgoing EC for the new committee was accepted unanimously. The new ISE Executive Committee and office bearers for the period 2015 to 2018 are:

President:

A. K. Ganguli, Kolkata

Vice-Presidents (2):

D. Majumdar, Delhi

Debkumar Chakrabarti, Guwahati

General Secretary:

P.C.Dhara, Midnapur

Assistant Secretaries (2):

Devashish Sen, Kolkata

Venkatesh Balasubramanian, Chennai

Treasurer:

C K Pradhan, Kolkata

Members (5 +Co-opted 2):

Abid Ali Khan, Aligarh

C. R. Mehta, Bhopal

Nandita Bhattacharyya, Jorhat

P. Parimalam, Madurai

Rauf Iqbal, Mumbai

Somnath Gangopadhyay, Kolkata

Suvashish Sahu, Kalyani

Four new Sub-Committees (for financial aspects, regional chapters, extension activities, and journal publication), and a one-person team for drafting the brochure were formed as below.

Task of the Sub Committee	Coordinator	Members
To identify a solution to outstanding issues with financial institutions	C.K.Pradhan	Subhasis Sahu Devashis Sen
To recommend a remuneration for the Auditor	C.K.Pradhan	Subhasis Sahu Devashis Sen
To draft the rules and regulations governing proposed local chapters	Trinath Pachal	Md.Muzammil L.P.Singh Subrata Ghosh
To recommend ways and means of having greater connectivity with the Govt. of India.	L.P.Gite	R.Iqbal S.Karmakar D.Chatterjee Reena Valecha
To revisit / update the steps taken earlier with regard to journal publication, and make recommendations to the EC. Thereafter, the Journal Sub-Committee would execute and implement the decisions for publication of a journal.	S.Karmakar	Subhashis Sahu Shankarashis Mukherjee
To prepare a draft ISE Brochure.	Abid Ali Khan	

Detailed minutes of the meeting are available on the ISE website.

* **Welcome New members!**

ISE Newsletter welcomes the following new Life Members:



L423 Eshwar Singh Bhanawat, Chittorgarh

L424 Susobhan Banerjee, Mathura

* **Member News & Activities**

L P Gite joins as Emeritus Scientist at CIAE Bhopal



Dr. L. P. Gite, Project Coordinator, All India Coordinated Research Project on Ergonomics and Safety in Agriculture at the Central Institute of Agricultural Engineering (CIAE), Bhopal superannuated on 31.01.2015. Now, considering his vast experience and expertise, the Indian Council of Agricultural Research has appointed him as Emeritus Scientist at CIAE Bhopal for a period of two years. He joined his new assignment on 27.11.2015 and will be working on the Project titled “Development of Ergonomical Design Guidelines for Agricultural Tools and Equipment”.

Kusal Das receives Dr. Raja Ramanna State Scientist award

Dr Raja Ramanna state award for scientists for 2013 was given to Prof. Kusal Kanti Das, Dept. of physiology, B M Patil Medical College, BLDE University, Vijayapura for science education.



Dr. Raja Ramanna award, instituted in the year 2004, is given to a scientist / engineer who has made a significant contribution in the field of Science & Society / Science Education. The selection committee was chaired by Bharata Ratna Prof. C.N.R.Rao, FRS and Co-Chaired by Prof. Anurag Kumar, Director of Indian Institute of Science, Bangalore.

Short course on Ergonomics methodologies for designing and assessing women friendly agriculture tools and technologies

An ICAR sponsored 10-day short course on “Ergonomics methodologies for designing and assessing women friendly agriculture tools and technologies” was organized at the College of Home Science, MPUAT, Udaipur from November 17 to 26, 2015. The Course Director of the programme was Prof. Suman Singh, PI and ex-Head FRM Deptt., and Prof. Abhay Mehta, HOD FMPE, CTAE and Dr. Hemu Rathore, Asstt. Prof., FRM Dept. were the Course Coordinators.

The programme was inaugurated by Prof. P K Dashora, Hon'ble Vice Chancellor of Maharana Pratap University of Agriculture and Technology, Udaipur who was the Chief Guest. Also present on the occasion were Prof. Arti Sankhla, Dean, College of Home Science, Udaipur and Prof. S K Sharma, Zonal Director - Research.



The participants attending the course represented seven states of India, viz. Haryana, Punjab, Uttar Pradesh, West Bengal, Telengana, Uttarakhand, and Rajasthan. The participants were from different areas of specialization such as Home Science and Engineering, and working at universities, research stations and KVKs.



The 10-day course focussed on drudgery of women in agriculture, mechanization in agriculture: its need, impact and constraints, anthropometry and biomechanics in designing, methodologies of ergonomics for assessment of workload, and occupational hazards and risk assessment, prevalence and control of MSDs, effect of environment on work performance and measurement, etc.



In addition to resource persons from the university, renowned speakers invited from outside were; Dr. D Majumdar from DIPAS, DRDO, New Delhi, Dr. S P Singh, Principal Scientist, IARI, New Delhi, Mr. J Majumder, Scientist, NIOH, Ahmedabad, and Dr. Anurag Talesra, Orthopedician, Udaipur.

* Report on HWWE 2015

The 13th International Ergonomics Conference – Humanizing Work and Work Environment 2015 (HWWE 2015) was jointly hosted by the Indian Institute of Technology Bombay and the National Institute of Industrial Engineering, Mumbai from 7th to 9th December 2015. Under the theme of “Caring for people” the conference was co-hosted by the Nutrition Society of India (Mumbai Chapter) and the Punjab Engineering College (PEC), University of Technology, Chandigarh. The venue of the conference was the Victor Menzes Convention Centre at the Indian Institute of Technology Bombay, Mumbai.

The conference was inaugurated by Prof. Devang Khakhar (Director IIT Bombay), Prof.(Ms.) Karuna Jain (Director NITIE), Dr. Yushi Fujita (President IEA), Prof. Manoj K. Arora (Director PEC, Chandigarh), Prof. G.G. Ray (President, Indian Society of Ergonomics), Dr. P.K. Nag (Chair HWWE 2015), Dr.(Ms.) K. Sen Ray (President, Nutrition Society of India, Mumbai Chapter) and Prof. B. K. Chakravarthy (HOD, Industrial Design Centre, IIT Bombay).



Inaugural Ceremony HWWE 2015

The conference witnessed presentation of about 500 scientific papers (including poster presentations) categorized as theme paper, invited paper, keynote paper, lead paper, oral presentation, and poster presentation in parallel tracks.

Office bearers, council members of IEA and special invited speakers participated in HWWE 2015 included Prof. Yushi Fujita, Prof. Jose Orlando Gomes, Prof. Erin Min-yang Wang, Prof. Rosemary Seva, Prof. Arun Garg, Prof. Seyed Ali Hosseini, Prof. Andrew Todd, Dr. Kazutaka Kogi, Dr. David C Caple, Dr. Anil Kakodkar, Prof. Amaresh Chakrabarti, Dr. B. Sesikeran, Dr. P. K. Nag and Dr. A. K. Ganguli.



ISE Meeting with IEA members

The conference started with pre-conference workshops on 6th Dec 2015 in which 6 parallel workshops were conducted in the areas of Automotive Design for School Children (by Mahindra & Mahindra Ltd), Wellness at Workplace (by INTERIO Division of Godrej & Boyce Mfg. Co. Ltd.), Designing in an Inclusive Way - Emergency Evacuation System (by Mr. Charudatta Jadhav), Ergonomic Exposure Assessment Methods for Manual Material Handling (by Prof. Arun Garg), Application of different tools used in work posture assessment (by Dr. Deepak Saran), and Product Design & Innovation (by Mr. Madan Kulkarni).



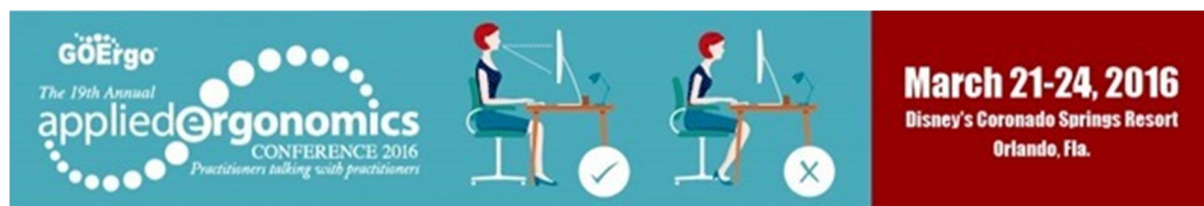
Felicitation of President IEA by President ISE

The conference also organized 'Young Researchers Award' programme on 6th December in the categories of Under graduate, Post graduate, and Doctoral students. Winners in each category have been awarded with certificates and gift vouchers of USD 200, USD 150 and USD 100 for 1st, 2nd, and 3rd positions respectively, sponsored by Springer publications.

Springer publications is also going to publish select papers as a special book entitled “Ergonomics in Caring for People - Proceedings of International Conference on Humanizing Work and Work Environment 2015”. Some of the papers will be published by International Journal of Human Factors and Ergonomics (IJHFE). Other presented papers will be published as conference proceedings with ISBN registration.

In the valediction ceremony conference baton has been transferred to the National Institute of Technology Jalandhar, Punjab for hosting HWWE 2016.

* Forthcoming Conferences



2016 Applied Ergonomics Conference in Orlando, FL, USA

The 19th Annual Applied Ergonomics Conference (AEC), presented by GOErgo, a worldwide resource dedicated solely to the support of the profession and individuals involved with improving workplace performance, quality, sustainability and employee availability is scheduled for March 21 - 24, 2016 at the Disney's Coronado Springs Resort, Orlando, FL, USA.

Presenters are practitioners sharing real-world experiences and practical solutions to common problems in industry. This conference provides comprehensive and broad-spectrum education for employees at all levels (managers to professionals to line-workers).

For additional information, please visit the Applied Ergonomics Conference website:
www.appliedergoconference.org

Human Factors in Complex Systems

Human Factors in Complex Systems

7-8 June 2016,

Nottingham, UK

The Human Factors in Complex Systems event will run on 7-8 June 2016 in Nottingham, UK and is organized by the CIEHF and the UK University of Nottingham.

The conference will bring together academics and practitioners working in diverse areas such as transport, healthcare, manufacturing and defence. In the two day programme there will be opportunities to present papers or posters and take part in panel discussions. You will be able to discuss and debate the latest research and ideas on relevant topics, including:

- automation
- design of technologies and systems
- methodology and complex systems
- safety, risk and resilience
- data and systems
- future systems
- modelling / simulation of people in systems

Submissions are invited in two forms:

1. Abstracts of up to 500 words, to be selected for oral or poster presentation.
2. Panel proposals of up to 300 words, including a list of proposed panel members.

Papers may take the form of novel human factors research contributions, practice-based case studies, or critiques of theories and methods. Successful abstracts will be published in a conference booklet.

The deadline for submissions is **31st January 2016**, via the online form at <http://bit.ly/1PVXvcF>

Event website www.hf-complexsystems.org.uk

Contact person: Tina Worthy, Chief Operating Officer, Chartered Institute of Ergonomics & Human Factors, www.ergonomics.org.uk



XXVIIITH Annual International Occupational Ergonomics and Safety Conference June 9-10, 2016 Chicago, Illinois, USA

The International Society for Occupational Ergonomics and Safety (ISOES) will be holding its XXVIII Annual International Conference on June 9-10, 2016 in Chicago, USA.

Call for Contributed Papers

Individuals interested in presenting their research/case study can submit an abstract of no more than 350-words in English to: Dr. Anand Subramanian at conference@isoes.info before **March 4, 2016**.

All abstracts submitted for publication in the Conference proceedings will be peer-reviewed by the International Program Advisory Committee.

Authors will be notified of acceptance by **March 15, 2016**.

Full papers or extended abstracts and conference registration will be due by **April 15, 2016**.

Papers for the conference will be published in the conference proceedings. Copies of the CD will be available to all conference participants. Keynote presentations are featured as well as break-out sessions to fit the needs of those responsible for ergonomics and the safety of their workforce. Participants receive peer-reviewed publications that includes the latest research presented at the conference.

Visit the International Society for Occupational Ergonomics and Safety Website at: <http://www.isoes.info/>