



# ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

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## Editorial Board Members

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

## CONTENTS:

- \* [Welcome New Members](#)
- \* [PREMUS 2023](#)
- \* [HWWE 2023](#)
- \* [Achievements](#)
- \* [Design Drona award](#)
- \* [Drona Student Scholarships](#)
- \* [Member Activities](#)
- \* [Publications](#)
- \* [RSI Awareness Day – Free Webinars](#)

### Forthcoming National & International events:

- \* [PREMUS 2023](#)  
11th International Scientific Conference on the Prevention of Work-Related Musculoskeletal Disorders  
Bengaluru & Online  
22-24 September, 2023
- \* [Joint International Conference](#)  
Asian Conference on Ergonomics and Design (ACED) 2023, Humanizing Work and Work Environment (HWWE) 2023, and BRICSplus Human Factors & Ergonomics Conference (BRICSplus HFE) 2023, NITIE, Mumbai  
**14-16 December 2023**

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

For your security, ensure that you can view the padlock symbol  and <https://ise.org.in> on the web address before you enter



## \* Welcome New members!

ISE Newsletter cordially welcomes the following new Life Members:



L-520 M K Chaitanya, Vellore

L-521 C Vignesh Kumar, Guwahati

## \* PREMUS 2023



11<sup>th</sup> PREMUS, 6<sup>th</sup> WDPI & 11<sup>th</sup> Myopain International conference will be held from **20 to 26 September 2023** at Bengaluru (Bangalore), India and online.

Conference Theme: Prevention of Musculoskeletal Disorders in the New Ways of Working

ISE is a partner organization and this entitles ISE members to **discounted registration rates**.

Please [click here](#) to download the **brochure** (pdf 4.08 MB).

[Click here](#) to see the **conference home page**.

### Sub-themes:

- Impact of the Covid-19 pandemic on Work-related MSDs
- Work-ability and Long Covid symptoms
- Return to work in highly physically demanding jobs
- Guidelines regarding the new ways of working, especially for jobs with a high level of physical proximity (different physical layout and new shift schedules) in the post-pandemic period
- Prevention and management of MSDs in different work scenarios (traditional on-site, remote, hybrid)
- MSD risks and solutions for the “Gig” economy / socioeconomically vulnerable workers
- The impact of climate change on work and MSDs
- Mechanisms and models of MSDs
- Assessment tools for risk factors of MSDs
- An economic evaluation of interventions to prevent or manage MSDs
- Prognosis of MSDs
- Role of lifestyle factors in prevention and management of WRMSDs
- Integrative medicine (Ayurveda, Yoga, etc.) in the prevention and management of WRMSDs

### Important Dates

**Call for Abstracts** is now open, please [click here](#) to download the details (pdf 1.75 MB).

September 20-21, 2023: Pre-conference Workshops.

September 22-24, 2023: **Main Conference**.

September 25-26, 2023: Post-conference Workshops.



**HWWE2023** will be held along with **ACED 2023** and **BRICSplusHFE** in NITIE, Mumbai, **14-16 December 2023** [Click here](#) to visit the conference website.

\* Achievements

**IEA/Kingfar 2022 award recipients announced!**



**Congratulations to C. Vignesh Kumar, Department of Design at the Indian Institute of Technology Guwahati, recipient of the 2022 IEA/Kingfar Students Award!** These PhD students have demonstrated superior contributions to the field of Human Factors/Ergonomics as graduate students and are on the path to great accomplishments in our field.

\* Design Drona award

CALL FOR NOMINATION

**DESIGN DRONA AWARD (FOR BEST FACULTY OF THE YEAR)**

Nominate yourself for the award through proper channel. Win INR 50k along with a certificate and memento.

APPLY VIA EMAIL  
[cr.dronaseeker@gmail.com](mailto:cr.dronaseeker@gmail.com)

[www.dronaseeker.co.in](http://www.dronaseeker.co.in)

Visit: <http://www.dronaseeker.co.in/awards-and-fellowship/>

### Category 1:

School and college students especially underprivileged students can apply for a grant up to INR 20,000 for scientific/art expeditions or excursions or contingency or tuition fees or a mini project, only once in an academic cycle. School and college going students can apply through proper channel (School Head/Principal), throughout the year. Family income certificate and an endorsement letter from the school head / principal are mandatory.

### Category 2:

Ph.D. scholars can apply for this fellowship to attend national and international conferences. The maximum grant amount is INR 35,000. They may apply for this grant along with evidence of registration fees, ticket booking details and paper acceptance letter, only once in a year. Applications for this scholarship are accepted throughout the year, through proper channel (endorsement letter from the supervisor and the head of the institution, justifying the need of a grant, are mandatory).

For more details, please visit <http://www.dronaseeker.co.in/awards-and-fellowship/> or contact [cr.dronaseeker@gmail.com](mailto:cr.dronaseeker@gmail.com) CC to [dronaseeker@gmail.com](mailto:dronaseeker@gmail.com).

## \* Member Activities

### Dr. Suman Singh

Dr Suman Singh, Emeritus Professor ICAR, MPUAT, Udaipur delivered lectures on-

- 🕒 **'Gender specific technologies in agriculture and allied sectors'**, in a collaborative online training programme by MANAGE, Hyderabad and PAU Ludhiana on 'Mainstreaming Gender concerns in agriculture and allied sectors', from 20-22 Sept 2022.
- 🕒 **'Gender issues, Drudgery of Women and Specific technologies in Agriculture and Allied sectors'**, in an online Training Course on ' and Safety in Agricultural Operations to Enhance farmer's Productivity and well-being' from November 16-18, 2022, by AICRP on Ergonomics and Safety in Agriculture Division of Agricultural Engineering ICAR-Indian Agricultural Research Institute New Delhi.

### Farm Women Drudgery Reduction in Watershed Development Programme

A study was conducted under a research project on 'Women empowerment through watershed development programmes in different agro-ecological regions of India', a collaborative project of ICAR-IISWC, Dehradun and ICAR-CIWA, Bhubaneswar by a team of Scientists namely Dr **Indu Rawat**, Dr Abhimanyu Jhajhria (Scientists, ICAR-IISWC, Dehradun) and Dr Praveen Jakhar (Sr Scientist, ICAR-CIWA, Bhubaneswar).

The watershed development programmes should be essentially demand driven and based on women's needs. Involving women in identification of field problems as well as women must be taken into consideration in project planning, preparation of action plan and implementation. During project planning, the potential use of women's traditional knowledge of resource management as well as nutrition should be ensured. The objective of this project was to assess the reduction of drudgery as a result of watershed development programmes in different agro-ecological regions of India.

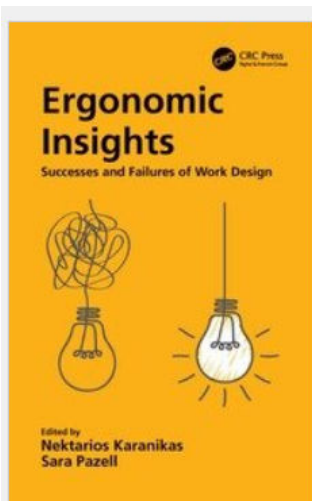
### *Impact analysis of watershed projects on women drudgery*

Watershed interventions influence the women in lot of ways by minimizing their effective time utilized for performing various household activities like collection of water, fuel wood and fodder. This effective time can be used for some other useful and productive activities. The percent reduction of women as a result of implementation of watershed programmes was assessed across the agro ecological regions. Drudgery was assessed for 3 major household activities predominantly performed by women and in some cases girl member of the family also. The percent reduction in time to collect drinking water was 3 hrs (before watershed programme) to 0.30 hr (after watershed programme) for AER 7 (Khatiawar plateau). Similarly in other zones also the time to collect drinking water was reduced. For fodder collection, in all the zones, time was dropped significantly after implementation of watershed programme. Time for fuel wood collection was reduced drastically from 3.20 hr to 1.10, 3.10 to 1.15 and from 3.03 to 1.47 in AER 7, 12 and 14 respectively (Khatiawar plateau, eastern plateau, and western Himalayas) after implementation of watershed programmes.

It was concluded that watershed programmes have a great impact in reducing the drudgery of farm women along with conservation of depleting natural resources.

## **\* Publications**

**Bharti Jajoo** contributed a chapter on "Indian farm tractor seat design assessment for driver's comfort" in the book "Ergonomic Insights: Successes and Failures of Work Design".



This book provides a collection of work design testimonies with transferable lessons across many industry sectors and domains. It discusses physiological and cognitive parameters, teamwork, social aspects, and organizational, and broader factors that influence work design initiatives. The chapters cover a wide spectrum of human factors and user needs, including decision-making in (ab)normal and safety-critical situations, physical ergonomics, design-in-use modifications, and tailored training. The text examines holistic approaches that lead to improved work methods, worker engagement, and effective system-wide interventions. "Ergonomic Insights: Successes and Failures of Work Design" is primarily written for professionals and graduate students in the fields of ergonomics, human

factors, and occupational health and safety. Educators will also benefit from using these case studies in class lessons.

The book can be purchased at: <https://www.routledge.com/Ergonomic-Insights-Successes-and-Failures-of-Work-Design/Karanikas-Pazell/p/book/9781032210322>

## \* RSI Awareness Day

### RSI Awareness Day – Free Webinars

**OHCOW** (Occupational Health Clinics for Ontario Workers) is pleased to announce the 24<sup>th</sup> year of their free annual international event to increase awareness and prevention of musculoskeletal disorders. Due to overwhelming response, this year's event will be held virtually only and has been extended from a one-day event to a weekly webinar series for the entire month of February.

Registration for this free event is required in order to participate.



**RSI DAY**  
WEEKLY WEBINAR SERIES  
February 7<sup>th</sup>, 14<sup>th</sup>, 21<sup>th</sup>, 28<sup>th</sup>

LEARN FROM EXPERTS WHAT CAUSES REPETITIVE STRAIN INJURIES AND HOW TO PREVENT THEM

**International RSI Awareness Day** | Because work shouldn't Hurt

The banner features a background of concentric red circles on the right side. The text is arranged in a clean, professional layout with a mix of white and red colors.

For agenda, dates, times, and registration please follow the link below. Also please feel free to share and promote.

<https://www.ohcow.on.ca/ohcow-events/repetitive-strain-injury-rsi-day/>