



ISE Newsletter

Quarterly newsletter of the INDIAN SOCIETY OF ERGONOMICS (ISE)

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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
- * **IEA 2024**
Triennial Conference of the International Ergonomics Association (IEA),
Jeju Island, South Korea
25-29 August 2024

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-522 B. Sathya Jebasingh Rajan, Bidadi

L-523 K. Vimalanathan, Chittoor

* PREMUS 2023



11th PREMUS, 6th WDPI & 11th 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 **updated brochure** (pdf 5.12 MB).

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

Date Extension Announcement:

The new deadline for the abstract submission is **May 15, 2023**, and the early bird registration is available till June 15, 2023. Please utilise this extension to ensure more high-quality submissions, especially for workshops, symposia and round-table.

Important Dates

Call for Abstracts is now open, please [click here](#) to download the details (pdf 3.12 MB).

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

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

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

* Upcoming Course - Ergonomics Research Techniques



Swayam NPTEL
Online Course On

Ergonomics Research Techniques

Prof. Urmi R. Salve
Design
IIT Guwahati

Enrollment is open
Course Start Date: 24 Jul 2023
Course End Date: 13 Oct 2023
Exam Date: 29 Oct 2023

* IEA/Tsinghua and IEA/Kingfar Early Career Researchers 2022 Awardees Announced

The **IEA/Tsinghua Award for Collaborative Human Factors/Ergonomics Education** is given annually to honour leaders who, through international and/or inter-regional collaboration, have made significant and outstanding contributions to the success of postgraduate educational programs that include human factors/ergonomics courses or substantial HFE content in the curriculum. The 2022 Awardees:

- ❖ Tarcisio Abreu Saurin, Brazil Ergonomics Society (ABERGO)
- ❖ Ting Li, Chinese Ergonomics Society (CES)
- ❖ **Rauf Iqbal, Indian Society of Ergonomics (ISE)**

Although somewhat delayed due to the extension of deadlines, the IEA has announced the selections for the 2022 **IEA/Kingfar Early Career Researchers Award**. The awardees are:

- ❖ Gabriela Garcia – SOCEERGO (Ecuadorian Scientific Society for Ergonomics)
- ❖ Carlos Aceves Gonzalez – SEMAC (Society of Ergonomists of Mexico)
- ❖ Michael Greig – ACE (Association of Canadian Ergonomists)
- ❖ **Lakhwinder Pal Singh – ISE (Indian Society of Ergonomics)**
- ❖ Tingru Zhang – CES (Chinese Ergonomics Society)

Many congratulations to all on excellent work for Human Factors/Ergonomics!

IEA/Kingfar 2022 Student award

As announced in the previous issue (26.4) of the ISE Newsletter, **C. Vignesh Kumar**, Department of Design at the Indian Institute of Technology Guwahati, is a recipient of the **2022 IEA/Kingfar Students Award**.



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

✳️ **Member News & Activities**

Tractor Ergonomics Workshops

Dr. **L P Singh**, Associate Professor and Head, Dept. of Industrial and Production Engineering, NIT Jalandhar, has been an expert for the two workshops - "Ergonomics for Tractor Design" (on 4th January 2023), and on "Project Time Management" for R & D people (on 14th March 2023), at Sonalika International Tractors Ltd. Hoshiarpur.



Dr. **Reena Valecha** was invited by the CII, Goa region for their conference on Industrial Safety as a speaker & co-panelist to share insights on Ergonomics along with other experts. The talk was attended by more than 200 industry professionals. Mr. Mauvin Godinho, Hon'ble Minister for Industries, Trade & Commerce, Govt of Goa was the Guest of Honour.

After a successful journey with Godrej Interio as their Principal Ergonomist leading workplace research, product development & Ergonomics initiative for more than a decade, Dr. Reena Valecha has joined Tata Motors Limited (TML), as a Wellness Officer – Corporate Health, and will work towards NCD (Non-Communicable Diseases) prevention, Emotional Wellness, and Ergonomics across all TML plants and regional offices.

Dr. Valecha was invited by Tata Communications to address more than 900 of their global employees on the occasion of National Safety Day in the area of Ergonomics and how it can enhance their comfort, safety at work and overall quality of life.

UK Human Factors Consultancy opens office in Chennai

London based Human Factors and Ergonomics consultancy Hu-Tech has recently opened a new office in Chennai. The office will be led by ISE member and Chartered Ergonomist & Human Factors Specialist **Reji Baby**.



Hu-Tech (www.hu-tech.co.uk) are one of the longest established



HF/E consultancies in the UK and have been serving a global client base for more than 30 years. Hu-Tech Managing Director and former CIEHF President Dr Ian Randle has said *"We are very excited to expand our operations into India and the Asia-Pacific region through our new Chennai office and the very experienced and capable hands of Reji Baby. We look forward to growing our team and providing our specialist HF/E services throughout this thriving region"*.

Hybrid awareness program on computer injury prevention

H M Arun Kumar conducted an awareness program on computer injury prevention for all the 31 districts office staff of the Karnataka Horticulture Department including the Director, Deputy Director, Joint Director, at Lalbaag, Bangalore, with both face-to-face and online participants. The participants were guided about the right sitting posture and right placement of computers, keyboards, mouse and laptops.



This awareness program also revealed that many were unaware of computer injury and almost everyone was experiencing eye strain, headaches, wrist pain and back pain.

Center of Excellence in Neurodesign and Neuromarketing (CoE-NDNM)

Drona Seeker has established India's first Center of Excellence in Neurodesign and Neuromarketing (CoE-NDNM) to promote research and provide training in the area of neurodesign and neuroscience.

During the CoE-NDNM inauguration, eminent personalities in the field such as **Dhurjati Majumdar**, Pahlada Ramarao, **Sougata Karmakar**, and Rithvik Ramadas spoke.

Anirban Chowdhury's book *Neurodesign and Neuromarketing Startup Guide* was introduced during the programme.

For more information, please visit <http://www.dronaseeker.co.in/coe-ndnm/>

* FPE Impact Grants

FPE 2023-2024 Impact Grants

The **Foundation for Professional Ergonomics** (FPE) has announced the availability of the FPE Impact Grants that aim to support small projects in the quest of developing professional ergonomics around the world. The funding preference will be given, but not limited to, applicants from the developing countries (as defined by United Nations) or proposals that help develop or grow professional ergonomics in the developing countries

The FPE Impact Grants are intended as seed funding for small (pilot) projects that could potentially lead to but are not required, more extensive funding opportunities from other sources in the future. The expected budget of a single proposal should be between \$500 and \$2,000 and must not exceed US\$ 2,500.

The deadline for submission is **June 30, 2023** with awards decision announced by August 15, 2023. The general format for proposals is given here:

https://www.ergofoundation.org/images/FPE_Impact_Grant_template-2023-2024.pdf

Proposals should be sent to Waldemar Karwowski, wkarwowski@gmail.com with a copies to Harvey Cohen, harvey@erroranalysis.com , the Chair - Awards & Academics, ISE, akganguli@rediffmail.com , and the General Secretary ISE rauf.isec@gmail.com

* Publications

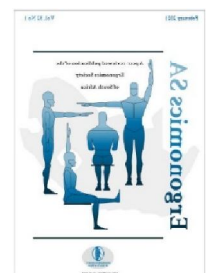
Binoosh S A has published a paper on virtual modelling and analysis of manual material handling activities in the *Work* journal.

Abraham, T., Binoosh, S.A. and Remesh Babu, K.R., 2022. Virtual modelling and analysis of manual material handling activities among warehouse workers in the construction industry. Work, (Preprint), pp.1-14.

<https://content.iospress.com/articles/work/wor210742> DOI: 10.3233/WOR-21074

Banibrata Das has published a paper on "*Prevalence and associated risk factors of musculoskeletal disorders (MSDs) and physiological stress among the female brick molders of West Bengal, India*" in the *Journal of the Ergonomics Society of South Africa*. 2022; 33(1)

DOI: 10.4314/esa.v33i1.3



* Patents

Indian Utility Patent titled 'Sachet/ pouch Cutting and Squeezing Apparatus,' Patent Number: 415999 has been granted to Mr. Gurdeep Singh and Prof. (Dr.) Sougata Karmakar of Ergonomics Laboratory, Department of Design, IIT Guwahati, Assam, India on 29th December 2022 by the Indian Patent Office (IPO). This is a part of Mr. Gurdeep Singh's doctoral (Ph.D.) research project entitled 'Ergonomic design improvements in shop-floor of FMCG manufacturing industries in India.' under the supervision of Prof. (Dr.) Sougata Karmakar.



Gurdeep's research pertains to ergonomics and human factors interventions in the design and development of devices/ instruments to ensure safety and reduce the drudgery of the shop-floor workers in Fast Moving Consumer Goods (FMCG) industries of India.



The team members were: Mr. **Gurdeep Singh**, Dr. **Sougata Karmakar**, Mr. Abhishek Singh

Patent Details: Sachet/ pouch Cutting and Squeezing Apparatus

Indian Patent Number: 415999, Granted on 29th December 2022

* IEA 2024



22nd Triennial Congress of the International Ergonomics Association (IEA)
Jeju, South Korea
25 – 29 August 2024

The 22nd Triennial Congress of the International Ergonomics Association (IEA) will be held in Jeju, South Korea, from 25th – 29th August 2024 (Sunday – Thursday). The Ergonomics Society of Korea (ESK) and the Korea Occupational Safety and Health Agency (KOSHA) are the hosts. The venue will be the ICC at Jeju Island.

Congress website: <http://iea2024.com/>