

# International Conference on Achieving a Sustainable World of Work through Vision Zero

20-21 January 2025, Indian Institute of Technology (IIT), New Delhi

## Organised by



**VISION ZERO**  
Safety. Health. Wellbeing.

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## Introduction:

In today's rapidly changing world, the altering characteristics of work are being reshaped by technological advancements, environmental challenges, ever-evolving economic necessities and socio-cultural transformations. There is also major shift in work and employment opportunities in India.

Creating a sustainable world of work is not just an aspiration but a necessity, ensuring that future generations inherit a world where employment is not only viable but enriching and safe. To realize a sustainable world of work, the Vision Zero approach offers a compelling framework. As per Vision Zero the safety, health, and well-being are to be placed at the centre of workplace sustainability strategies. The connection of sustainability and Vision Zero paves the way for a resilient future of work. Achieving sustainability at workplace means going beyond compliance with regulations - it requires a commitment to continuous improvement, innovation, and social responsibility.

India's 70% workforce residing in rural areas and the rural economy makes up 46% of national income. Apart from producing almost all agricultural output, rural areas contribute about half of the manufacturing and construction sectors output and one quarter of the services sectors output in the country. The rural areas are characterized with the low worker productivity and high vulnerability. The lack of required skills and technical knowledge are the main reason for rural workers to opt for low skilled jobs with higher risk to health and life. Improvement in the rural employability and reduction of life risk and other vulnerabilities require effective human resources development programmes to match the job requirement in manufacturing sector.

## Aim:

The aim of this conference is to highlight the significance of fostering a culture of prevention in the workplace, where all the stakeholders actively contribute to well-being of the workforce. The conference aims to explore and promote strategies for creating a sustainable, safe, and healthy workplace by integrating the Vision Zero concept which is a global prevention strategy that focuses on eliminating all work-related accidents, injuries, and illnesses through proactive measures.

## About the Conference:

The third international conference on the VISION ZERO is being organized from 20<sup>th</sup> to 21<sup>st</sup>, January 2025 at Conference Hall (Main Building) of Indian Institute of Technology (IIT), Delhi. The International conference is organised by The International Social Security Association (ISSA); Indian Institute of Technology (IIT), Delhi; DGUV, Germany and OSH Academy, Noida and supported by German Social Accident Insurance (DGUV), Germany; National Safety Council (NSC) India, International Social Security Association (ISSA)-Sections on Construction, Information, Trade, Chemistry and Electricity, and DVR, German Road Safety Council.

The conference will serve as a platform for sharing best practices, case studies, and practical tools to help enterprises achieve a sustainable work environment through proactive safety measures. Expected outcome will pave way for the future where work-related accidents are eliminated, productivity is enhanced, and sustainability becomes an integral part of business strategy, benefiting both workers and society at large.

The conference will focus on the Occupational Safety and Health challenges and issues in the Manufacturing, Construction, Rural Technology and Chemical sector. During the conference, experts in the field of Occupational Safety and Health reinforce and build networks and alliances while laying the groundwork for cooperation and strengthening relationships.

Young Scientist session to nurture the passion for safety and health in the workplace and identify future leaders who want to contribute their expertise for a sustainable safe and healthy work environment.

## About the Organisers:

### ISSA

The International Social Security Association (ISSA) is the principal international institution bringing together social security agencies and organizations. The ISSA provides access to information, expert advice, business standards, practical guidelines and platforms for members to build and promote dynamic social security systems worldwide.

### IIT, Delhi

The Indian Institute of Technology Delhi is one of the 23 IITs created to be Centres of Excellence for training, research and development in science, engineering and technology in India. Established in 1961, the Institute since its inception, over 60000 have graduated in various disciplines including Engineering, Physical Sciences, Management and Humanities & Social Sciences. Of these, received Ph.D. degrees, graduated with B.Tech. degree and master's degree in engineering, Sciences and Business Administration. These alumni today work as scientists, technologists, business managers and entrepreneurs. They have contributed significantly to building of this nation, and to industrialization around the world.

### DGUV, Germany

The German Social Accident Insurance is a dedicated part of the statutory German social insurance system. The concept was "invented" by Otto von Bismarck in 1885. In accordance with the German Social Code the statutory accident insurance system provides prevention against occupational accidents, commuting accidents and occupational diseases as well as rehabilitation and compensation services out of one hand. The German Social Accident Insurance covers around 79 million people and over 4 million companies and institutions are members of the individual German Social Accident Insurance Institutions.



## OSH Academy, Noida

Occupational Safety and Health Academy (OSH Academy) is the academic wing of the Safety, Health and Environment Organization (SHEORG)- an NGO registered under trust act. It is conceived to identify different physical, psycho-social, physiological, environmental, technological and cultural factors and to develop new strategies and approaches for improving safety, health and environment, enhancing human wellbeing leading to sustainable development.

### Key Areas of Focus:

Sustainability in the World of Work; Vision Zero Approach: Going Beyond Compliance; OSH Policy and Regulatory Frameworks; From Tradition to Transformation: Exploring AI-Driven Technology for Agricultural and Rural Industry; AI-Driven Safety in Construction Industry; Beyond the wheel – Hidden Dangers for Transportation Workers; Imbibing OSH in Education System for Sustainable Development; Technological and Digital Innovations for Prevention; and Smart Safety: Enhancing Occupational Health and Security with Intelligent Devices.

### Participation:

#### We are looking forward to participants-

Safety, Health and sustainability professionals (Safety Officers, Safety Engineers; Occupational Physicians, Hygienists, Psychologists, Ergonomist, Researchers and Scientists); Safety practitioners from industries and organisations; Government Officials, Policy makers; Industrialists, CEOs and Stake-holders; International & National OSH Organisations, Institutions and Industrial Organisations; OSH Instructors, trainers and teachers; Labour inspections officials; Trade unions and employers organisations; Standardisation and technical bodies (Govt. and NGOs); Researchers (young scientists are particularly welcome); and, Manufacturers and Traders of Safety Equipment and appliances.

### Eminent Speakers:

**Prof. Karl-Heinz Noetel**, President ISSA Construction, Germany; **Mr. Sabine Herbst, Secretary General**, ISSA Information, DGUV, Germany; **Ms. Meike Jäger**, Counsellor, Social and Labour Affairs/Business and Human Rights, German Embassy, New Delhi; **Ms Michiko Miyamoto**, Director, ILO DWT for South Asia and Country Office for India (TBC); **Dr. Jens Jühling**, President ISSA Electricity, Germany; **Prof. Vivek Kumar**, Head, CRDT, Indian Institute of Technology (IIT), New Delhi; **Director General**, DGFASLI, Mumbai (TBC); **Mr. Olha Bohdanova**, Secretary, ISSA Construction, Germany; **Dr. Lalit Gabane**, Director General, National Safety Council (NSC), India; **Mr. Sigrid Roth**, Secretary, ISSA Trade, Germany; **Mr Tsuyoshi Kawakami**, Occupational Safety & Health Specialist, ILO, New Delhi (TBC); **Mr. Jennifer Papantuono**, ISSA Electricity, Germany; **Dr. Mark Füllemann**, Practice & Experience, Switzerland; **Mr. Jakob Kort**, BG BAU, Germany; **Dr. Helmut Nold**, ISSA Chemistry, Germany; **Mr. Alex Morales**, Chile; **Mr. Pernille Tau**, Human House, Denmark; **Mr. Rainer Binder**, Managing Director, Accenture, Germany; **Prof. Partha Mitra**, IES (Retd.), Former Principal Advisor, Ministry of Labour & Empl., Govt. of India; **Mr. Kay Schulte**, DVR, Germany; **Mr. Jean Claude Poirier**, ISSA Construction, France; **Dr. Krishna Nirmalaya Sen**, Head EHS, L&T M&M SGB, India; **Mr. Anil Jauhri**, Former CEO, National Accreditation Board for Certification Bodies (NABCB), Quality Council of India, New Delhi; **Dr. Avneesh Singh**, Former Director General, DGFASLI, Ministry of Labour & Empl., Govt. of India.

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## Call for Technical Papers from **Young Safety, Health and Sustainability Professionals**

The 'Young Occupational Safety, Health and Sustainability Professionals' strive hard to meet the challenges arising at the workplace and develop best practices on safety and health. These contributions need to be recognized, appreciated and showcased for replication of the same for improving occupational safety and health at large.

The International Conference is providing an excellent platform for 'Young Occupational Safety, Health and Sustainability Professionals' (Students pursuing M.Tech., PDIS /ADIS, AFIH, Ph.D., Post-Doctoral and also professionals working in different organizations below the age of 40 years) to showcase their contributions and best practices on occupational Safety and health aimed to find solutions to the problems affecting the occupational safety and health.

### Abstract Submission Guidelines

- All abstracts should be in English and submitted to email- [visionzero.rsi@gmail.com](mailto:visionzero.rsi@gmail.com) before 25th November 2024. Abstracts sent by post or by hand will not be accepted.
- It may be noted that the schedule is restricted. Therefore, the selection will be on first come first serve and also on merit basis. The decision of the organizing committee will be final in deciding the selection of the papers.
- Research work presented or published elsewhere will not be considered. If plagiarism is detected, abstracts will be rejected without further consideration.
- Abstracts will be selected for 6 min live oral presentations. All the oral presenters will be asked to participate in a live Q & A (2 min) session scheduled after presentation.
- All accepted abstracts will be made available in the conference proceedings published (print and electronic).
- All the presenting authors will receive a certificate of participation and presentation

### Abstract Content Guidelines

- While preparing abstracts, the following page-set up should be used.
- Paper size- A4, margins Left margin 3.0 cm & all other (top, bottom and right) margins 2.5 cm, font Time New Roman 12, single line spacing, number of pages One.
- Abstract title should be UPPER CASE in Time New Roman 14 pt, bold, center aligned. There should be a single line space between the title and name of the author.
- Authors' name with initials and surname in Time New Roman, 12 pt, center aligned. There should be a single line space between the name of author, designation, organization /institution and e-mail address.
- The abstract should not exceed 300 words and should be informative to cover the background, objectives, methods, results and conclusion of the study.
- Maximum of 5 keywords separated by comma (,) which best describe your study (Time New Roman 12 pt, Italic, center aligned, lower case, arranged alphabetically). There should be a single line space between the text of the abstract and keywords

### Participation Fee

The paper presentations at the International Conference is made available at free of cost. Conference participation fee for the students /young professionals making presentations will be ₹ 3000 +GST; for professionals sponsored by their respective organisations will be ₹ 8000 +GST and for self-sponsored professionals will be ₹ 5000 +GST.