

Sustainability Fair 2.0

4th INTERNATIONAL SUSTAINABILITY
CONFERENCE ON HEALTH, SAFETY, FIRE AND
ENVIRONMENTAL ADVANCES

(HSFEA 2023)

OCTOBER 30-31, 2023

“Promoting Global Well-Being”



📍 Sustainability Cluster, School of Advanced Engineering, UPES
Bidholi, Dehradun, Uttarakhand, India - 248007

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About the UPES

Established in 2003 through the UPES Act, 2003 of the State Legislature of Uttarakhand, UPES is a UGC-recognized university and has been accredited Grade 'A' by NAAC. As per the National Institutional Ranking Framework (NIRF) 2023, the Ministry of Education, India, UPES has been ranked 52, with a rank of 54 in engineering and a rank of 39 in management. In addition to this, the university was recently ranked 243 in Asia and the 3rd best private universities in India by the QS World Rankings 2023. UPES offers industry-aligned and specialized graduate and postgraduate programs through its eight schools: School of Advanced Engineering, School of Computer Science, School of Design, School of Law, School of Liberal Studies, School of Business, School of Health Sciences & Technology, and School of Modern Media. Given its industry-oriented programs and emphasis on holistic development, UPES graduates are a preferred choice for recruiters, ensuring a track record of 96% placements over the last few years. UPES is driven by its core philosophy and purpose of delivering outstanding student outcomes. In 2021, it has been awarded as the University of the Year-North by ASSOCHAM.

About the Sustainability Cluster

The Sustainability Cluster is a congregation of two erstwhile departments of the School of Advanced Engineering i.e., Health, Safety & Environment & Civil Engineering. The cluster has undergraduate (NBA Accredited), postgraduate, and doctorate programs, with highly qualified & experienced faculty of national and international repute. State-of-the-art infrastructure such as fire training ground, hygiene lab, NABL accredited environment lab, cutting-edge software, concrete lab, soil mechanical lab, advanced fluid mechanical lab and a few more keeps this department apart from others. The students get an opportunity to be involved in live & sponsored projects funded by the government and other consulting organizations. The student chapters (Green Up, ASSP, FSAI, and ASCE) of this cluster help students with their academic, industrial, and social exposure which enriches their overall experience to be employed. The Cluster nourishes students for certifications in professional courses like NEBOSH, IOSH, Lead Auditor: (9001, 14001, 45001, 17025) and others. This Cluster has grown with time and enriched in expertise and competencies in the core Fire Safety, Sustainability and Civil Engineering curriculum and research, which is reflected in the vision and mission of the cluster. Over time, this cluster has expanded and enhanced its expertise and competencies within the core areas of Fire Safety, Environment, Civil Engineering and Sustainability curriculum and research. This evolution is clear in the cluster's vision and mission of the cluster.

About the Event

Encouraged by the overwhelming response received by Sustainability Fair 1.0 and HSFEA 2016, HSFEA 2018, HSFEA 2020, Sustainability Cluster, SoAE, UPES is organizing the 4th International Sustainability Conference on Health, Safety, Fire and Environmental Advances (HSFEA 2023), under the umbrella of Sustainability Fair 2.0 on October 30-31, 2023. The theme of Sustainability Fair 2.0 (HSFEA 2023) is "Promoting Global Well-being". The aim of Sustainability Fair 2.0 (HSFEA 2023) is to foster a multidisciplinary platform for researchers, professionals, policymakers, and industry experts to share insights, exchange knowledge, and explore advancements in promoting global well-being. With a focus on the interplay between health, safety, fire, environment, sustainability, and related disciplines this conference seeks to uncover innovative approaches, emerging technologies, and collaborative strategies to address the challenges faced by communities worldwide.



Objectives

- Providing a platform for experts, researchers, and practitioners to share their knowledge, research findings, and innovative ideas, products & services with a wider audience.
- Bring together, professionals, industry leaders, and like-minded individuals from various sectors & backgrounds to foster collaboration, partnership, joint projects and business opportunities.
- Providing a platform for discussing and addressing specific challenges or issues within a particular industry or field.
- Facilitate engagement with regulatory bodies and policymakers to address industry-specific regulatory challenges and explore opportunities for improvement.
- Sharing of case studies and success stories that highlight effective strategies and lessons learned in the field of Health, Safety, Fire, Environment, and Sustainability.

The theme of the conference is “Promoting Global Well-being” comprising the subtheme as given below:

Occupational Health

- Occupational Health and Hygiene
- Ergonomics and Human factor
- Environmental Health

Safety

- Construction Safety
- Process Safety
- Nuclear Safety
- Hydrogen Safety
- Electrical Safety
- Safety Culture in Healthcare
- Safety in automation
- Psychological Safety at Work
- Safety leadership
- Advancement in Safety Technology

Waste to Energy

- Resource recovery from E-Waste
- Energy from Biomass, Water, Waste
- Bioprocesses and Bioproducts from Waste
- Waste Valorization for Sustainable Development and Green Engineering

Bio Safety & Bio Security

- Biotechnology
- Nanotechnology
- Biological Advancement

Fire

- Material Flammability and Toxicity
- Fire Suppression
- Wildland Fires and Other Large Outdoor Fires
- Evacuation and Human Behavior
- E-Vehicle Fire

Environment

- Environmental Pollution
- Waste Water Treatment
- Bioremediation
- Waste Water Surveillance
- Air Quality Management and Monitoring

Risk

- Disaster & Industrial Risk
- Explosion
- Emergency Preparation and Response
- Risk Assessment and Management

ESG & Legal Framework

- Circular Economy
- Legal aspects of HSE
- Ergonomics

Paper Submission

Abstract

- Please submit the abstract to the Organizing Secretary on this email ID: hsfea@ddn.upes.ac.in Or online submission via [Submission link](#) for the Registration and Payment details
- The acceptable word range for the abstract is 300-500 words, including 3 to 5 keywords at the bottom
- Please send in a brief biography and mailing IDs together with the abstract.
- Note that the articles will be accepted only when plagiarism is less than 15% excluding references.

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We accept the submission of high-quality papers describing original and unpublished results of conceptual, constructive, experimental and theoretical work or research in progress related to the area as mentioned in the brochure themes. The accepted paper will be published by reputed international publishers (Elsevier/ Springer/ IWA/ESPR). Formatting and paper length limit should be as follows:

- Full length paper should be within 12 pages (up to 5000 words) including illustrations.
- Abstract: 300-500 words
- Keywords: 3-5
- Font: 12-Point, Times New Roman
- Paragraph: Double spaced
- Margin: Normal
- Format: MS word compatible file

Deadlines

Please remember the following important dates:

- Abstract submission deadlines: 12th October, 2023
- Notification of Acceptance/Rejection: 15th October, 2023
- Registration deadline for authors: 15th October, 2023
- Full Paper Submission: 20th October, 2023

Title Sponsor

- Conference registration (includes conference lunch and gala dinner) for ten delegates.
- Cover page in conference proceeding for promotions and advertisement.
- Sponsor's name and logo on conference websites, banners, stationery items, etc., and one representative will be allowed to speak about their advancement in one session during the valedictory/inaugural/ special session.
- Two exhibitor's display stalls will be provided during the conference (4 m x 3 m in size).

Platinum Sponsor

- Conference registration (includes conference lunch and gala dinner) for five delegates.
- Half page inside the cover page in the conference proceeding for promotions and advertisement.
- The conference website, banner, promotional materials, etc. will all display the sponsor's name and logo.
- One exhibitor's display stall during the conference (4 m x 3 m in size).

Diamond Sponsor

- Conference registration (includes conference lunch and gala dinner) for three delegates.
- Appearance as sponsor and one exhibitor's display stall during the conference (4 m x 3 m in size).

Gold Sponsor

- Conference registration (include conference lunch and gala dinner) for two delegates.
- One exhibitor's display stall during the conference (4 m x 3 m in size).

Silver Sponsor

- Conference registration (include conference lunch and gala dinner) for one delegate.
- One exhibitor's display stall during the conference (4 m x 3 m in size).

For Registration Scan QR code (Paper/Award/Exhibition/Workshop/Alumni Reg./Industry Pratner)



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Pre-conference Mega Alumni Connect - Evening , 29th October 2023

Day 1 30 October 2023

- Inauguration and Welcome Address
- Keynote Lectures
- Panel Discussion
- Oral and Poster Presentations
- Conference Workshops
- Award Ceremony

Day 2 31 October 2023

- Keynote Lectures
- Oral and Poster Presentations
- Conference Workshops
- Valedictory Session

Steering Committee Members

Chairman : Prof. Ram Sharma, Vice Chancellor, UPES
Patron : Prof. Durgesh Pant, Director General, (UCOST)
Padma Bhushan Dr. Anil Prakash Joshi

Members : Prof. Devesh Kumar Avasthi
Mr. Rahul Nainwal
Dr. Ravi S Iyer
Dr. Padmavathy V.
Dr. J K Pandey
Dr. Sheetal Khanka
Dr. Kuldeep Kumar Roy
Dr. Nilanjana Banerjee
Dr. Piyush Kuchhal
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Mr. Manish Madaan
Dr. Pankaj Kumar
Mr.. Phani Tetali
Mr. Nalin Mehta
Dr. Dhruv Kumar
Dr. Ranjeet Kumar Brajpuriya
Dr. Ashish Karn
Mr. Pradeep Jagwan
Dr. Ashish Mathur
Dr. Uday Bhan

Organizing Committee Members

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Convenor : Dr. Bikaram Prasad Yadav, UPES
Co-Convenor: Dr. S. M. Tauseef, Associate Dean, R&D, UPES
Organizing Secretary: Dr. Abhishek Nandan, Sustainability Cluster, UPES
Dr. Mahesh Kumar Tiwari, Sustainability Cluster, UPES
Event Secretary: Dr. Suwendu Manna, UPES
Dr. Kanchan Bahukhandi, UPES
Dr. Madhuben Sharma, UPES

Tech. Secretary:

Mr. Surendar Varadharajan, UPES
Mr. Durga Prasad Panday, UPES
Mr. Rahul Silori, UPES
Dr. Balendu Giri, UPES

Program Committee Member

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Dr. Ankit Kumar Yadav, UPES
Dr. Sanjay Bhutani, UPES
Dr. Saumyanjan Sahoo, UPES
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Dr. D.K. Gupta, Sustainability Cluster, UPES, India
Mr. J.K. Anand, Chairman, ASK EHS (AECPL), India
Dr. Rangabhashiyam Selvasembian, SRM University, India

Registration Fees

Participant Category	Registration Fees	
	IND	USD
Student	1000	50
Faculty	2500	100
Industry	5000	250
Accompanying Person	1000	50

* 25% early bird registration discount will be applicable till 31st July 2023.

Note

- All the participants have to submit the registration fees through the bank details available on the website and conference brochure (Non-Refundable).
- No Discount will be applicable for On-Spot registration.

Awards

- Poster Awards
- Oral Presentation Awards
- Springer Best Sustainable Practice Awards
- Young Scientist Award
- Industry Academia leadership awards

Bank Details

For Indian Participants

Beneficiary Name : University of Petroleum and Energy Studies
 Purpose : HSFEA International Conference
 Bank Name : Yes Bank
 Bank Account : 011594600000224
 Branch Code : 000115
 Branch IFSC Code : YESB0000115
 Swift Code : YESBINBB
 Address : Ground Floor, 56, Rajpur Road
 Dehradun

For Foreign Participants

Beneficiary Name : HSFEA International Conference
 Bank Account : UPESUK0877777851
 FSC Code : YESB0CMSNOC
 Bank Name : Yes Bank
 Address : IFC 8TH FLOOR S
 MARG MUMBAI (updated)

Contacts:

hsfea@ddn.upes.ac.in

Dr. Abhishek Nandan

anandan@ddn.upes.ac.in
 +91 - 7017224677

Dr. Mahesh Kumar Tiwari

maheshk.tiwari@ddn.upes.ac.in
 +91 - 8989204972

THRUST AREAS



TARGET UNSDG GOALS

