



For Immediate Release: December 10, 2024

PRESS-RELEASE

IIT (ISM) Dhanbad Launches 4-Day Workshop on "Microbial and Chemical Risk Assessment"

The Department of Environmental Science and Engineering (ESE) at the Indian Institute of Technology (ISM) Dhanbad, in collaboration with the School of Biosystems and Food Engineering at University College Dublin, Ireland, and the EIACP Programme Centre (RP), proudly inaugurated a 4-Day Workshop on "Microbial and Chemical Risk Assessment Framework" at Golden Jubilee Lecture Theatre of the Institute (GJLT). The event, part of the Centenary Lecture Series, commenced on December 10, 2024, and is set to conclude on December 13, 2024.

The workshop attracted approximately 150 participants, including esteemed dignitaries, faculty members, researchers, and students from various disciplines. The inaugural ceremony featured a traditional lamp lighting, performed by distinguished guests including Prof. Prem Vrat, Chairman of the Board of Governors, IIT (ISM) Dhanbad (Chief Guest); Prof. Sukumar Mishra, Director, IIT (ISM) Dhanbad (Guest of Honour); Dr. Rajat Nag, Assistant Professor at UCD School of Biosystems and Food Engineering, University College Dublin, Ireland (Invited Expert); Prof. Sunil Kumar Gupta, Head of the Department of ESE, IIT (ISM) Dhanbad; and Prof. S. R. Samadder, Professor in the Department of ESE and Convener of the Workshop.

Following the ceremonial lighting, Prof. S. R. Samadder welcomed attendees and outlined the workshop's objectives. Prof. S. K. Gupta elaborated on the Department's ongoing initiatives and achievements in advancing research and education in Environmental Science and Engineering. Dr. Rajat Nag introduced University College Dublin and expressed enthusiasm for the collaboration, noting the registration of around 60 attendees for the workshop.

Prof. Sukumar Mishra emphasized the importance of international academic partnerships and encouraged participants to leverage this opportunity for holistic learning and innovation. The Chief Guest, Prof. Prem Vrat, delivered an inspiring address, commending the organizers for curating a workshop that integrates advanced methodologies with real-world applications, and urged participants to contribute to sustainable development goals.

The ceremony included the felicitation of guests, with Prof. Prem Vrat honored by Prof. Sukumar Mishra, and Prof. Sukumar Mishra receiving recognition from Prof. S. K. Gupta. Dr. Rajat Nag was presented with a token of appreciation by Prof. S. R. Samadder. The event concluded with a vote of thanks by Prof. Riya



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

Dutta, Assistant Professor in the Department of ESE, followed by the National Anthem and a group photograph.

The workshop serves as a dynamic platform for knowledge exchange, fostering interdisciplinary dialogue and equipping participants with advanced skills in microbial and chemical risk assessment. It emphasizes critical thinking, professional problem-solving, and the evaluation of applied modeling approaches. Participants will gain practical experience in designing and implementing quantitative risk assessment (QRA) models using state-of-the-art software and quantitative tools. By the end of the program, attendees will be equipped to effectively characterize and communicate risks, contributing to advancements in food and environmental safety.

Rajni Singh

Dean (Corporate Communications)