



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

For Immediate Release: February 7, 2025

PRESS-RELEASE

National Conference on Future Ready Hospitals (ICFRH-2025) Kicks Off at IIT (ISM) Dhanbad

A distinguished gathering of healthcare professionals, management experts, leading technocrats, and academicians from across India and abroad convened at the Indian Institute of Technology (Indian School of Mines) Dhanbad to discuss crucial issues in healthcare management and technology adoption. The event marked the inauguration of the two-day **National Conference on Future Ready Hospitals: Strategic Adoption of Industry 4.0 Technologies (ICFRH-2025) with Vision Viksit Bharat@2047**, organized by the **Department of Management Studies and Industrial Engineering, IIT (ISM) Dhanbad** in collaboration with the **Indian Council of Social Science Research (ICSSR)** and **Health Innovation Toolbox** at the Golden Jubilee Lecture Theatre.

The conference, held on **February 7-8, 2025**, aims to explore innovative solutions in **Healthcare Supply Chain Management, Implementation of New Technologies in Primary Healthcare Systems in India, and Optimization of Healthcare Resources through Hospital Management Information Systems**.

Delivering the keynote address as **Chief Guest, Prof. Denny Yu**, Associate Professor of Industrial Engineering at Purdue University and Adjunct Professor of Surgery at Indiana University School of Medicine, USA, emphasized the significance of research-driven discussions. He expressed optimism that deliberations at the conference would illuminate pathways for the effective adoption of Industry 4.0 technologies in healthcare.

Prof. Pradeep Kumar Ray, Emeritus Professor in the Department of Industrial and Systems Engineering at IIT Kharagpur and Advisor at the Vinod Gupta School of Management, graced the occasion as **Guest of Honour**. He underscored the importance of linking Industry 4.0 technologies with **data analytics** to ensure a strategic and selective approach to technological adoption. He stressed the necessity of a **humane approach**, stating that uniform solutions may not be suitable for every healthcare setting.

Prof. Sukumar Mishra, Director, IIT (ISM), who presided over the function, highlighted the role of analytical thinking in problem-solving. He drew references from **Indian mythological texts**, differentiating between **knowledge (Gyan) and science (Vigyan)**, emphasizing that the right analysis transforms knowledge into scientific solutions.

Prof. Sandeep Mandal, HoD, Department of Management Studies & Industrial Engineering, urged participants to leverage the conference for **networking and collaborative research projects**. He stressed the importance of interdisciplinary partnerships in addressing modern healthcare challenges.

Dr. Monika Sonu, CEO of **Health Innovation Toolbox** and **Co-convenor of the Conference**, noted the **challenges in adopting Industry 4.0 technologies**, particularly given the existing technological gaps faced by healthcare professionals. She emphasized the need for tailored solutions that cater to the specific needs of different healthcare institutions.

The event began with a **warm welcome address by Prof. Esha Saha**, followed by a formal **vote of thanks delivered by Prof. Shikha Singh**.

The conference promises insightful discussions, innovative research presentations, and collaborations that will contribute to the future-readiness of India's healthcare sector.

Rajni Singh
Dean (Corporate Communications)