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## **PRESS-RELEASE**

### **IIT (ISM) Hosts Two-Day National Workshop on “Smart Solutions for Environmental Applications”**

The Indian Institute of Technology (Indian School of Mines) Dhanbad, today inaugurated a **Two-Day National Workshop on “Smart Solutions for Environmental Applications”**, jointly organized by **The Institution of Engineers (India) [IEI]**, Dhanbad Local Centre, and the **EIACP (Environmental Information, Awareness, Capacity Building and Livelihood Programme) Centre**, Department of Environmental Science and Engineering, IIT (ISM) Dhanbad.

The inaugural session, held at the i2h Building, IIT (ISM), was graced by **Shri Raviraj Sharma**, Municipal Commissioner, Dhanbad, as the **Chief Guest**, and **Shri Prabhunath Yadav**, Director & Scientist ‘E’, **Bureau of Indian Standards (BIS)**, and **Shri Amartanshu Srivastava**, Manager (Environment), **Bharat Coking Coal Limited (BCCL)**, as **Guests of Honour**. The session was presided over by **Prof. Sukumar Mishra**, Director, IIT (ISM) Dhanbad.

In his **Welcome Address**, **Prof. Alok Sinha**, Head, Department of Environmental Science and Engineering, and **Workshop Convener**, underscored the importance of collaborative approaches in tackling environmental challenges. **Prof. Sunil Kumar Gupta** and **Prof. Suresh Pandian**, **Workshop Co-Conveners**, along with **Prof. Biswajit Paul**, **Honorary Secretary**, IEI Dhanbad Local Centre, also addressed the gathering, highlighting the joint efforts of IEI and IIT (ISM) in advancing sustainable engineering practices and environmental awareness.

The dignitaries released the **Workshop Proceedings**, comprising **42 abstracts**—including **22 keynote contributions** from experts representing leading national and international institutions such as **IIT (ISM) Dhanbad**, **IIT Bombay**, **IIT Kharagpur**, **IIT Kanpur**, **IIT Patna**, **SVNIT Surat**, **BIT Sindri**, **BCKV Burdwan**, **HBTU Kanpur**, **Teesside University (UK)**, **Bureau of Indian Standards**, and the **Water Resources Department**, **Government of Jharkhand**. Additionally, **20 students and research scholars** from IIT (ISM) Dhanbad, **NIAMT Ranchi**, **BIT Sindri**, and **Anand Engineering College**, Agra, are presenting their innovative research work during the workshop.

The two-day event features **six technical sessions** focusing on **smart environmental monitoring**, **air and water pollution control**, **waste management**, **climate change mitigation**, and **policy-driven community engagement**. Addressing the participants, the dignitaries emphasized the growing importance of **technology-enabled environmental management** and **community-driven sustainability**, while aligning discussions with the **Mission LiFE (Lifestyle for Environment)** initiative of the Government of India.

The workshop, scheduled to continue till **November 1, 2025**, includes **keynote lectures**, **technical paper presentations**, and **interactive sessions** on smart and sustainable environmental practices.

The event is supported by **Bureau of Indian Standards (BIS)**, Government of India, as the **Gold Sponsor**; **Engeotech Ltd.** (Sambalpur, Odisha) and **Surgiwear Ltd.** (Shahjahanpur, Uttar Pradesh) as **Silver Sponsors**; and **Aditi Infotech** (Nagpur, Maharashtra) and **Ritika Enterprises** (Dhanbad, Jharkhand) as **Supporting Partners**.

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