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## **PRESS-RELEASE**

### **IIT (ISM) Dhanbad Hosts Keynote Lecture on Plant-Based Strategies for Air Pollution Mitigation under Mission LiFE Series**

As part of its ongoing **Centenary Celebrations**, IIT (ISM) Dhanbad, through the **EIACP Programme Centre (RP)** at the **Department of Environmental Science & Engineering (ESE)**, organized an enlightening lecture-cum-interaction session on “**Assessment of Air Pollution Induced Stress, Tolerance and Accumulated Particulate Matter on the Selected Indigenous Plant Species in Delhi NCR Region.**” The event was held under the **Mission LiFE Keynote Lecture Series [2025–26] – Harnessing Innovation for Environmental Sustainability: Policies, Practices, and Partnerships.**

The keynote address was delivered by **Prof. Arvind K. Nema**, Provost, **IIT Delhi-Abu Dhabi**, and Professor, **Department of Civil Engineering, IIT Delhi**, who shared critical insights into the role of indigenous plant species in combating air pollution and enhancing urban ecological resilience. Drawing on extensive research in the Delhi NCR region, Prof. Nema highlighted how native flora can serve as natural mitigators of pollution and indicators of environmental stress.

The session drew the active participation of **60 attendees**, including faculty members, research scholars, M.Tech. students, and staff. The interactive discussion that followed the lecture sparked deep academic engagement and fostered collaborative ideas aimed at enhancing air quality through nature-based solutions.

The event was held with the support of **Prof. Sukumar Mishra**, Director, IIT (ISM) Dhanbad, and **Prof. Dheeraj Kumar**, Deputy Director. It was conducted under the guidance of **Prof. Sunil Kumar Gupta**, Dean (Student Welfare) & Professor (HAG), Department of ESE, and **Prof. Alok Sinha**, Head of the Department of ESE & Coordinator, EIACP (PC-RP) who were present along with Prof. Biswajit Paul of Department of ESE. The session was successfully coordinated by **Mr. Bishwajit Das**, Programme Officer, EIACP (PC-RP), IIT (ISM) Dhanbad.

This academic initiative not only aligns with the goals of **Mission LiFE**—a movement focused on sustainable living and environmental consciousness—but also reinforces IIT (ISM) Dhanbad’s commitment to advancing environmental research and innovation for a greener future.

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