



भारतीयप्रौद्योगिकीसंस्थान (भारतीयखनिविद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

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PRESS-RELEASE

Wide range of programs, including key note address by renowned experts besides, drawing and poster making competitions mark the World Ozone Day 2024 celebrations at IIT (ISM) Dhanbad.

A host of events, including the key note address delivered by the experts, the painting and drawing competition, and the poster-making competition, marked the World Ozone Day 2024 celebration organized by the EIACP Programme Centre (RP), Department of Environmental Science and Engineering, IIT (ISM) Dhanbad, at the Golden Jubilee Lecture Theatre (GJLT) of the institute today.

The event held on this year's theme of **Montreal Protocol: Advancing Climate Action**, which witnessed the churning of a wide range of expert ideas aimed at Advancing Climate Action, began with the inaugural function, during which Prof. Sukumar Mishra, Director, IIT (ISM), was present as Chief Guest.

Addressing the gathering comprising of students, faculty members, officers, and staff of the institute besides school students who participated in the drawing and poster-making competition, Prof. Mishra said, "Ozone depletion will create more problems for the tropical counties, which face the onslaught of intense heat as the heat waves will also increase, making life difficult.

"If we do not carry out the research in this area to find out the solution of the problem, then we are going to face its brunt," further said Prof. Mishra.

Talking about the different possibilities of temperature rise in the future due to various reasons, including the ozone layer depletion, the IIT (ISM) director said that there is one theory that says the temperature will rise to such a level in next 100 years that the wind blow will stop as temperature rise will lead to a decrease in temperature gradient, which in turn will lead to stopping wind blow.

"The opposite may also happen because we have adjusted to the gradual rise in temperature and our body may adapt to challenges posed by the rise in temperature, which may lead to the evolution of man and, as Superman," further said Prof. Mishra, and Ozone Day is celebrated every year to remember and apprise the society about the happenings.

Prof. Mukesh Sharma, Department of Civil Engineering, IIT Kanpur, during his keynote talk, titled Ozone: Basics to its Stratospheric Resurrection, delivered in online mode, apprised the gathering about the Ozone Layer and its different types, Ozone Chemistry, causes of Ozone Depletion, Solutions to Ozone Depletion, the financial mechanism of the Montreal Protocol, and the international transfer of Ozone-Friendly Technology; capacity building in the Ozone Regime, etc.

Prof. Manish Jain of the Department of ESE, during his address spoke about the importance of World Ozone Day, while Prof. Suresh Pandian of the same department spoke about the emission accumulation and transport of ozone-depleting substances.

Prof. Dheeraj Kumar, Deputy Director of IIT (ISM), was also present during the occasion, while the welcome address was given by Prof. Alok Sinha, HoD, Department of ESE, IIT (ISM).

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