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PRESS-RELEASE

India's Evolving Science and Technology Ecosystem Discussed at Prof. J. Singh Memorial Centenary Lecture at IIT (ISM)

The Department of Applied Geophysics at the Indian Institute of Technology (Indian School of Mines), Dhanbad organised the “**Prof. J. Singh Memorial cum IIT (ISM) Centenary Lecture 2026**” on Sunday at the New Academic Complex to pay tribute to **Prof. Jagdeo Singh**, the founding Head of the Department of Applied Geophysics and a pioneer in geophysical education and research in India.

The memorial lecture was delivered by **Dr. Sivaji Chadaram**, former Scientist and Advisor at the Department of Science and Technology (DST), Government of India, New Delhi. Speaking on the theme “*Science and Technology and Educational Ecosystems in India: Avenues and Opportunities to Students and Faculties,*” Dr. Chadaram highlighted the evolution of India's scientific and educational landscape and the growing opportunities available for researchers and students in the country.

During his lecture, he traced India's long scientific tradition dating back to ancient times, when the country made pioneering contributions in fields such as mathematics, astronomy, metallurgy, medicine and engineering. He noted that this intellectual legacy continues to inspire modern scientific pursuits and innovation-driven education in India. Dr. Chadaram also spoke about the transformation of India's science and technology ecosystem after Independence, emphasizing the role of premier research institutions, universities and government initiatives in strengthening the nation's research infrastructure.

Highlighting contemporary developments, he said India today stands among the leading nations in terms of scientific research output and technological advancements. Referring to the achievements of the Indian Space Research Organisation, including missions to the Moon and Mars, he underlined how cost-effective innovation and technological excellence have enhanced India's global scientific stature.

Dr. Chadaram further pointed out that expanding funding mechanisms, interdisciplinary research programmes, global collaborations and public-private partnership models are creating new opportunities for academic growth, innovation and technology transfer. He encouraged students and faculty members to actively utilise these avenues to contribute to India's emergence as a global knowledge leader.

The lecture witnessed enthusiastic participation from faculty members, research scholars, students and staff of the institute. Among those present were **Prof. Proshanta Khan, Prof. Saurabh Datta Gupta, Prof. Saumen Maiti, Prof. Sanjit Kumar Pal, Prof. Mohit Agarwal, Prof. Niptika Jana and Prof. Partha Pratim Mandal**, along with several other members of the IIT (ISM) academic community.

The event provided a meaningful platform for academic exchange while honouring the enduring legacy of Prof. Jagdeo Singh and his contributions to geophysical education in India.

Rajni Singh
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