



May 21, 2026

IUST Hosts program on advanced materials and nanotechnology

Awantipora, May 21: The Department of Physics, Islamic University of Science and Technology (IUST), organised a program on “New Materials: Synthesis, Surface Engineering and Applications” as part of its ongoing efforts to promote advanced scientific research and academic engagement in emerging areas of material sciences and nanotechnology.

The keynote speaker for the programme was Dr. Santosh K. Tiwari from Centre for New Materials and Surface Energy, NMAM Institute of Technology Nitte Karnataka, who delivered an insightful lecture on recent developments in advanced materials, nano-material fabrication, and sustainable technologies. The programme aimed to enhance the exposure of students and researchers to interdisciplinary scientific research and emerging technological innovations.

The programme was coordinated by Dr. Mir Hashim Rasool, who highlighted the importance of such academic interactions in fostering a vibrant research culture within the university. Dr. Farooq Hussain Bhat welcomed the speaker and emphasised that regular interactions with leading researchers are essential for the intellectual and professional development of students and scholars.

During the lecture, Dr. Tiwari discussed advanced materials and nano-materials, highlighting innovative and cost-effective fabrication techniques developed by his research team for industrial applications. He also shared insights into his work on seawater desalination, sustainable water purification technologies, “plastic cotton,” and advanced adhesive materials, which generated significant interest among participants.

The program was attended by students, research scholars, and faculty members from various departments of the School of Sciences. The programme concluded with an engaging interaction session during which participants discussed various aspects of nano-materials, desalination technologies, and advanced surface engineering with the speaker.

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