



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Press Release

**National Science Day**  
**IIT Bhubaneswar organizes talk on 'Marine  
Bioprospecting: Innovations for Sustainable Future'**

**Bhubaneswar, 1<sup>st</sup> March 2025:** Indian Institute of Technology (IIT) Bhubaneswar celebrated National Science Day on 28<sup>th</sup> February 2025, commemorating the invention of the Raman Effect by the Indian physicist and Nobel Laureate Sir C.V. Raman, with the theme of the year 'Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat'. Dr. Debasis Dash, Director, Institute of Life Sciences, Bhubaneswar graced the occasion as Chief Guest and delivered a talk on "Marine Bioprospecting: Innovations for Sustainable Future".

The presentation of Dr. Dash focused on marine bioprospecting, highlighting its potential for various applications. He emphasized on the research for bioactive compounds from marine organisms for drug discovery, sustainable agriculture and industrial biotechnology. His talk also touched upon the relevance of marine resources to sustainability, including bioremediation and carbon sequestration. He describes India's "Blue Economy" initiatives, emphasizing the importance of marine biotechnology and biodiversity conservation. He also highlighted the research being conducted by Institute of Life Sciences (ILS) research in this area involving sample collection, microbial characterization, metabolomics, and bioinformatics.

In his address, Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar highlighted the importance of communication and collaboration for achieving significant success in the field of scientific research. He said that the Institute is taking up initiatives towards cultivating these qualities among the students.

At the outset, Prof. Chandrashekhar Bhende, Dean-Post Graduate & Research Programmes, IIT Bhubaneswar delivered the welcome address and introduced the chief guest.

On this occasion, the students who have participated in international conferences in previous year presented their research work through poster presentations.

The members of faculty, staff, students and residents of the Institute attended the programme in a large number.

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