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## **PRESS-RELEASE**

**Prof. Oisik Das, Associate Professor Department of Civil, Environmental & Natural Resources Engineering, Luleå University of Technology, Sweden delivers lecture on “The Best from the Waste: Biochar added Wood Polymer Composites at IIT (ISM) under the Mission LiFE Keynote Lecture Series [2024-25].**

Prof. Oisik Das, Associate Professor Department of Civil, Environmental & Natural Resources Engineering, Luleå University of Technology, Sweden today delivered a lecture on “The Best from the Waste: Biochar added Wood Polymer Composites” at Golden Jubilee Lecture Theatre of IIT (ISM) under the Mission LiFE Keynote Lecture Series [2024-25], IIT(ISM) being organized by IIT(ISM) EIACP (PC-RP).

Prof. Das is an expert in light weight structures (biocomposites), biochar production, characterisation and applications, fire behaviour and polymeric composites wood, and concrete, Composite Design, polymer processing and testing, sustainable fire retardants.

The lecture delved deep into use of biochar; a renewable material produced through pyrolysis from agricultural and organic wastes- as an innovative additive in wood polymer composites (wpc). Biochar not only enhances the performance of the WPCs also offers a solution to waste management supporting the mission life initiative by promoting ecological efficiency, economic sustainability and the creation of ecofriendly products from wastes.

Following the lecture, Prof. Das along with Dr. Sarah Conrad, Senior Lecturer, Department of Civil, Environmental & Natural Resources Engineering, Luleå University engaged in an extended talk on Opportunities in Sweden: Master’s Programs and Research at Luleå University of Technology.

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**Dean (Corporate Communications)**