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PRESS RELEASE

Thought provoking session on "Sustainability and its Assessment in Geotechnical Engineering" at IIT (ISM) by Prof Dipanjan Basu of Department of Civil and Environmental Engineering of the University of Waterloo, Canada

IIT (ISM) Dhanbad students witnessed a thought-provoking lecture on "Sustainability and its Assessment in Geotechnical Engineering" by Professor Dipanjan Basu of Department of Civil and Environmental Engineering of the University of Waterloo, Canada.

Prof Basu during his lecture delivered in the conference hall of Department of Civil Engineering from 11 a.m. today emphasized on the critical role that sustainability plays in geotechnical infrastructure.

In relation to geotechnical engineering projects, he went into more detail about the 4Es of sustainability: Engineering, economy, environment, and equity.

The IIT (ISM) Dhanbad students enjoyed a knowledge enriching conversation with Prof. Basu during which they learnt insightful tips for implementing sustainable practices into their next engineering endeavors.

An office bearer of the Dhanbad Chapter of Indian Geotechnical Society (IGS) under the aegis of which the lecture was organized today said, "The talk had a long-lasting effect on the students, motivating them to put sustainability first when pursuing careers".

Prof. Basu obtained his academic degrees from Purdue University and Indian Institute of Technology Kanpur. He is a Professional Engineer in the province of Ontario in Canada, and a Chartered Engineer and Professional Engineer in India. He is a member of several learned societies in the U.S.A., Canada, and India.

Prof. Basu has broad research and teaching interests that include Foundations and Soil Structure Interaction, Energy Geotechnics, Sustainability and Resilience Quantification, Soil Constitutive Modeling, Blast Analysis of Geo-structures, Probabilistic Analysis, Soil Dynamics, and Ground Improvement.

Prof. Basu is a member of Tau Beta Pi, and a recipient of the Igor Ivkovic Teaching Excellence Award, 2022 (Canada), IGS-PJ Rao-YR Phill Biennial Award 2020 (India), Telford Premium Award 2011 (UK), Fugro Fellowship 2005 (USA), ExCEEEd Teaching Fellowship 2009 (USA), and Prof. S Neogi Award 1997 (India), among other accolades.

Rajni Singh

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