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PRESS-RELEASE

IIT (ISM) Dhanbad Conducts One-Day Treatment Workshop for Farmers in Karmatand

The Department of Management Studies and Industrial Engineering at IIT (ISM) Dhanbad, under the leadership of Prof. Rashmi Singh, successfully conducted a one-day Treatment Workshop for farmers at Karmatand Block, Jamtara on Monday. The workshop aimed to address critical agricultural challenges faced by the local farming community, focusing on soil health and plant disease management.

The initiative was conducted as part of the project titled “*Improving the Economic Well-Being of Scheduled Tribe Communities (ST) Using Game Theoretic and Operations Research Techniques in Jamtara District of Jharkhand State.*” This effort sought to provide expert guidance and scientific solutions to farmers and villagers in Karmatand, equipping them with modern agricultural knowledge and techniques to enhance their economic well-being.

Karmatand block, known for its diverse geographical and agricultural conditions, features a mix of plains and undulating terrains. The region’s moderate climate supports the cultivation of various crops, including rice, maize, pulses, oilseeds, and vegetables. The predominant soil types—red and lateritic—present distinct challenges and opportunities for agricultural productivity.

To provide farmers with in-depth knowledge, Prof. Rashmi Singh, Principal Investigator of the project, invited two distinguished scientists from Birsa Agricultural University. Dr. Arvind Kumar, a renowned soil expert, conducted an insightful session on soil health conditions and effective strategies to enhance soil fertility. Additionally, Dr. M.K. Burnwal, an expert in plant pathology, discussed prevalent plant diseases and their mitigation strategies, equipping farmers with essential knowledge to protect and improve crop yields.

The workshop also saw active participation from researchers at IIT (ISM) Dhanbad, including Deep Chaudhury, Pawan Kumar, Nilesh Kumar, Sunny, Anand Chandra Sahu, and Sumana Banerjee. Their contributions facilitated engaging discussions on innovative agricultural techniques and sustainable farming practices, ensuring a valuable learning experience for all attendees.

This workshop marks a significant step in empowering the local farming community with scientific knowledge, ultimately leading to enhanced productivity and economic benefits. Through such initiatives, IIT (ISM) Dhanbad continues to bridge the gap between research and practical implementation, fostering sustainable development in the region.

On Sunday a similar workshop was conducted in Narayanpur block office of Jamtara during which over 135 farmers from different parts of Jamtara received similar training.

Rajni Singh

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