

For Immediate Release: October 8, 2024

PRESS-RELEASE

IIT (ISM) faculty members and research scholars provide training in scientific farming to farmers of Kundhit and Nala villages of Jamtara in association with experts from Birsa Agriculture University, Ranchi; the training focuses on imparting knowledge about soil quality and texture, soil health cards, and the identification and management of plant diseases.

A team of faculty members and research scholars of the Department of Management Studies and Industrial Engineering at IIT (ISM) Dhanbad, in association with experts of Birsa Agriculture University, Ranchi, today launched a capacity-building program on scientific farming for farmers of the Nala & Kundhit area of the remote Jamtara district of Jharkhand at Kundhit block of Jamtara as part of a project titled “Improving the Economic Well-being of Scheduled Tribe Communities Using Game Theoretic and Operations Research Techniques.

The team led by Prof. Rashmi Singh, Principal Investigator of the project, and comprising other members, including Prof. Niladri Das of the Department of Management Studies and Industrial Engineering, besides the experts of Birsa Agriculture University, including Prof. B.K. Aggarwal, a specialist in soil chemistry, and Prof. M.K. Barnwal, an expert in plant pathology, during day one of training today apprised the gathering about soil quality and texture, the use of soil health cards, and the identification and management of plant diseases.

The training, during which a gathering comprising Krishak Mitra, NGO members, and Mukhiya were also present besides the farmers, was apprised about soil quality and texture, the use of soil health cards, and the identification and management of plant diseases.

The experts also offered guidance on using fertilizers to enhance crop yields, improving seed quality, and boosting income through effective cropping systems.

“This training provided farmers with practical strategies to optimize productivity and support sustainable growth in their communities,” said Prof. Singh, adding the session was aimed at equipping local farmers with practical tools to enhance soil management and crop health, ultimately supporting sustainable agricultural development within the scheduled tribe communities.

The project team, comprising others including the research scholars Sumita, Deep Chowdhury, Pawan Kumar, Nilesh Kumar, Sunny Kumar, Anand Chandra Sahu, and Dipen, conducted a control group survey on October 6 and 7, and after the conclusion of training, a treatment group survey will also be conducted to assess the impact of the training.

As part of the project launched last year, IIT (ISM) conducted workshops in several villages of Jamtara district to encourage farmers to develop far based entrepreneurship.

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