



# भारतीयप्रौद्योगिकीसंस्थान (भारतीयखनिविद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

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## **PRESS RELEASE**

### **IIT (ISM) faculty members carry out awareness about scientific farming at Karmatand block of Jamtara**

A group of faculty members of IIT (ISM) engaged in creating awareness among the farmers of remote Jamtara district for more than 18 months in order to help them evolve as farm based entrepreneurs, today descended at Karmatand, the workplace of great social reformer Sri Ishwar Chandra Vidyasagar and carried out a drive about scientific farming a with focus on soil preparation techniques and knowledge about seed varieties to be used for better yield.

The occasion was a day long workshop held in Karmatand Panchayat Bhavan under the leadership of Rashmi Singh, Assistant Professor of Department of Management Studies & Industrial Engineering during which large numbers of Farmers and Krishi Mitra under the leadership of local Mukhiya, Surajmuni Soren and Sarpanch, Biren Chandra Murmu discussed the difficulties faced by farmers including, the lack of proper irrigation facilities and also lack of awareness about scientific farming.

The workshop was part of a Department of Science & Technology funded project titled, "Improving the economic well being of the Scheduled Tribe Communities using Game Theoretic and Operations Research Technique in Jamtara District of Jharkhand state"

The IIT (ISM) team comprising of Niladri Das, Associate Professor of Department of Management Studies & Industrial Engineering also observed that majority of Farmers of village comprising of altogether 260 households are unaware the welfare schemes of the government meant of farmers.

"The villagers, majority of whom belong to scheduled tribe families still depend on traditional farming techniques and also use their own seeds for cultivation" said Professor Singh who is also the principal investigator of the project under which the workshop was held today to ascertain the problem faced by the residents of village through a specially designed questionnaire and devise specific solutions for the same.

"The project proposes that the farmers should be viewed as investors, who invest the valuable resources like time, land, labour and capital" said Professor Singh added that project was aimed at turning the farmers as farm based entrepreneurs who can take informed financial decision and develop an optimal scientific mechanism that can give them feasible options for effective resource allocations and savings.

Notably, the project, which is also aimed at encouraging the habit of saving among the farmers to get them free from the problem of indebtedness began during June 2022 and so far similar workshops have been held in over 12 villages.

Rajni Singh

**Dean (Media & Branding)**