



Integral Institute of Agricultural Science & Technology (IIAST) Integral University, Lucknow

Brief report on Kisan Pathshala on Water Management in Farming organised by Department of Agriculture, Integral Institute of Agricultural Science and Technology on 30th Nov 2021 in Rajauli Village

The Department of Agriculture, IIAST organised an enlightening Kisan Pathshala on the crucial topic of "Water Management in Farming." Held on 30 Nov 2021 in surroundings of Rajauli Village, the event was an inspiration of knowledge for farmers eager to optimize their water usage in agricultural practices. Among increasingly scarce resources, water is becoming a constraining factor in agricultural production and in sustaining life in urban and rural areas. Food security is also linked to water security and can only be achieved through a concerted action to raise water productivity, maximizing crop production in both rainfed and irrigated agriculture.

Dr Faria Fatima shared invaluable insights during the session, emphasizing the importance of efficient irrigation practices and the adoption of water-saving technologies. Farmers were introduced to innovative irrigation techniques such as drip irrigation and sprinkler systems, designed to minimize water wastage while maximizing crop yield. Practical demonstrations further illustrated the implementation of these methods, allowing attendees to grasp the concepts effectively. This educational initiative aimed to empower local farmers with knowledge and techniques to optimize water usage, a pressing concern in agricultural practices today. The event witnessed enthusiastic participation from farmers eager to learn sustainable methods to conserve water resources. Moreover, the Kisan Pathshala served as a platform for farmers to exchange experiences and ideas, fostering a sense of community and collective learning. Interactive discussions highlighted the challenges faced by farmers in water-scarce regions and brainstormed solutions tailored to the local context of Rajauli village.

By the end of the event, farmers expressed confidence in employing water management practices, recognizing the potential for increased productivity and sustainability on their farms. The Kisan Pathshala concluded with a commitment from participants to implement the learned techniques, paving the way for a greener and more water-efficient future in Rajauli village's agricultural landscape. The Department of Agriculture, IIAST looks forward to further collaborations and initiatives to support the farming community in their journey towards sustainable and prosperous agriculture.

The Pathshala was observed under the guidance of Prof. Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology and Dr. Saba Siddiqui, Head, Department of Agriculture, IIAST. The faculty coordinators Dr Faria Fatima and Dr Ayush Bhushan with the supporting staff Mr. Dheer Pratap Singh accompanied students of B.Sc. (Hons.) Agriculture to the Rajauli village where the Pathshala was organised.



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Glimpses of the event

