



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

Brief report on Kisan Goshti organized by Department of Agriculture IIAST in Palka Village on "Cultivating a Cleaner Future: Strategies for Agricultural Waste Management."

The Department of Agriculture, IIAST, Integral University, Lucknow, played a pivotal role in advancing sustainable agricultural practices by orchestrating a Kisan Goshti on December 2, 2023 on Topic "Cultivating a Cleaner Future: Strategies for Agricultural Waste Management," as a step towards the department's commitment to address environmental concerns and promoting responsible farming practices. The Goshti was organized in Palka Village, to sensitize the natives of village about effective waste management in agriculture, composting techniques, and sustainable agricultural resource management. Addressing waste management strategies plays a pivotal role in advancing Sustainable Development Goal 12, which centers on promoting responsible consumption and production. Moreover, the emphasis on resource management and sustainable agricultural practices is in harmony with the objectives of Sustainable Development Goal 15, which aims to safeguard terrestrial ecosystems and promote their sustainable utilization.

The Programme was observed under the guidance of Prof. Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology and Prof. Saba Siddiqui, Head, Department of Agriculture, IIAST. The faculty coordinators Dr. Khalid Habib, Dr Akanksha Singh and Dr. Abhineet along with supporting staff Syed Faisal Kirmani and Suraj Awasthi accompanied the students of B.Sc (Hons.) Agriculture, to Palka Village. The engagement of B.Sc. (Hons.) Agriculture students in the Goshti not only enriched their academic experience but also facilitated a valuable exchange of ideas between students and farmers.

Dr. Khalid Habib provided information about the environmental and economical impact of uncontrolled waste and highlighted the urgency for sustainable solutions. A comprehensive discussion unfolded on the various composting techniques tailored to Agricultural waste. From on-farm composting to the use of organic waste in creating nutrient-rich compost, farmers were enlightened by Dr. Habib on practical methods to convert waste into a valuable resource. Dr. Akanksha Singh outlined the pivotal role of technology in contemporary agricultural waste management, shedding light on cutting-edge tools and practices. The discussion showcased a spectrum of innovations, ranging from precision farming methodologies to the integration of digital platforms for monitoring and tracking waste. Participants were immersed in an insightful exploration of how technological advancements can not only streamline but significantly enhance the efficiency of agricultural waste management. The discussion provided valuable perspectives, elucidating how embracing technology can lead to more sustainable practices and contribute to a cleaner and resource-efficient agricultural ecosystem. Dr. Abhineet gave insights on strategies to optimize the usage of crucial resources in agriculture, encompassing water, fertilizers and energy. He emphasised on practical methods aimed at ensuring sustainability in agricultural practices over the long term. Participants gained a comprehensive understanding of how judicious resource management contributes not only to environmental conservation but also to the resilience and longevity of farming systems.

The Kisan Goshti served as a commendable bridge between academia and the farming community, fostering awareness and empowerment. By imparting knowledge on waste management and sustainable agricultural practices the goshti contributes not only to the well-being of the local farming community but also to the broader goals of environmental conservation and responsible development. The initiative reflects the university's dedication



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to creating a cleaner and more sustainable future through collaborative efforts with the agricultural stakeholders in the region.

Glimpses of the Kisan Goshti





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