



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

Brief report on Kisan Goshti organized by Department of Agriculture, IIAST on Role of Renewable Energy in Agriculture

Renewable energy in Agriculture promotes sustainable practices, enhances energy efficiency, reduces carbon footprint, and offers economic and environmental benefits. Its integration into farming systems helps create a more resilient and sustainable agricultural sector. To educate the farmers about these aspects, the Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST) organized a Kisan Goshti on 27 May 2023 to enlighten the farmers of the Dasauli Village on “Role of Renewable Energy in Agriculture”.

The Goshti 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 members Er. Udayveer, Dr. P. Smriti Rao and Dr. Shipra Yadav along with supporting staff, Mr. Mued and Mr. Sharad Kumar accompanied students of B.Sc (Hons.) Agriculture to Dasauli Village where the Goshti was organized. Er. Udayveer, Assistant Professor, discussed Renewable energy resources to improve Agricultural Productivity. He emphasised that integration of renewable energy technologies in agriculture promotes innovation and sustainable infrastructure development. It encourages the adoption of energy-efficient technologies, enhances productivity, and supports the development of decentralized energy systems. Renewable energy in agriculture fosters technological advancements and drives sustainable agricultural growth and this congruent with SDG 7 (Affordable and clean energy). Dr. Shipra Yadav, Assistant Professor, Department of Agriculture, IIAST delivered information on numerous techniques for utilizing renewable resources to enhance yield and productivity in the crop for the forthcoming season. Dr. P. Smriti Rao, Assistant Professor, explained about “KUSUM Yojana” that aims to provide sustainable and affordable energy solutions to farmers, improve their income, reduce carbon footprint, and promote the adoption of clean energy in agriculture. She informed the farmers about the solar pump distribution program that is initiated by the government of India.

The farmers of Dasauli actively engaged in interactive sessions with Agricultural experts during the Kisan Goshti. The event yielded successful outcomes, evident from the positive feedback received from the farmers. Their queries were effectively addressed, fostering a productive exchange of knowledge. Upon collecting feedback from the farmers, it became apparent that a significant majority expressed satisfaction with the event's organization and the valuable information shared by the experts, highlighting the event's high quality and usefulness.

Glimpse of the Program

