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**AWARENESS PROGRAM ON "Boosting Farmer's Income and reducing Carbon Footprint through Solar Intervention in Agricultural Practices"**

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**AWARENESS PROGRAM ON****"Boosting Farmer's Income and reducing Carbon Footprint through Solar Intervention in Agricultural Practices"**

TERI (The Energy and Resources Institute), NABARD (National Bank for Agriculture & Rural Development) &

Department of Environmental Science, Integral University, Lucknow

On Sunday, 4<sup>th</sup> August, 2024, A program was organized by TERI (The Energy and Resources Institute) in coordination with NABARD (National Bank for Agriculture & Rural Development) & resources from Department of Environmental Science, Integral University, Lucknow at **"Pritipur Village"** Bakshi Ka Talaab, Lucknow, Uttar Pradesh as a part of the project *"Boosting Farmer's Income and reducing Carbon Footprint through Solar Intervention in Agricultural Practices in Village Gohankalan, Tehsil Bakshi Ka Talaab, District Lucknow, Uttar Pradesh"*. The awareness program was on the topic *"Kisano Ke Aarthik Uthaan Ke Liye Mahtwapoorna Aushodiye Evam Sugandhit Paudhe (MAPs) Ki Kheti Aur Krishi Mein Saur Urja Prodhiki (Solar Energy Technology) Ke Upyog Ko Barawa Dene Ke Liye Jakrookta Abhiyaan (awareness Programme)"*.

Speakers were invited from Integral University, Lucknow & TERI for spreading awareness about the waste management strategies and significance of medicinal plants to the local farmers of the "Pritipur" village" in Bakshi Ka Talaab. "Dr. Mohammad Usama", Assistant Professor, Department of Environmental Science, Integral University, Lucknow & "Dr. Mohammad Kashif Khan" Assistant Professor, Department of Environmental Science, Integral University, Lucknow attended the program as guest speakers and representatives of Integral University along with Mr. Lokendra Singh from TERI. Total 65 farmers have attended the awareness programme and gained a lot of information about the sustainable agriculture practices. This programme is an initiative taken by the institution as a part of the collaborative work for agro-waste management in villages.

**Dr. Mohd Kashif Khan** spread awareness among the farmers about the hazardous effects of synthetic chemical fertilizers and pesticides through his talk. He has also discussed organic manures, biofertilizers, biopesticides and botanical pesticides. He encouraged farmers to use these products as an alternative to agrochemicals. He also discussed the method of application of these natural ecofriendly agri-inputs and practices.

**Dr. Mohammad Usama** emphasized that the soil is almost drugged from harmful chemical fertilizers and pesticides and we need to adopt organic farming in an integrated manner to reduce our reliance on harmful chemical fertilizers. He suggested that the waste management solutions in rural areas should be very localized and sustainable in nature. He discussed that Community Vermipits can be used as a solution in rural areas for management of wastes i.e. it will help in conversion of waste to wealth and in generating livelihood solutions.

**Mr. Lokendra Singh** from TERI (Researcher & Consultant) discussed the significance of medicinal plants and its relevance in providing sustainable livelihood solutions to rural communities. He discussed medicinal plants like Ashwagandha, Artemisia, Chamomile flowers and Kewanch seeds. He also demonstrated a stove designed for rural community needs.

#### **GLIMPSES OF THE AWARENESS PROGRAM**





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*"We are not heading towards a bright & hi-tech future;  
Instead, we are heading into a dark and suffocated EARTH.."*