



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

Online training program on “Online Training on Soil Health and Soil Management”

(स्वस्थ फसल और एकीकृत पौध संरक्षण पर प्रशिक्षण)

"Soil Health and Soil Management" is a comprehensive online training program developed by the Department of Agriculture, the Integral Institute of Agriculture Sciences and Technology (IIAST) on 11th May, 2021 to promote sustainable soil management practices among farmers. This program aims to raise awareness about the importance of soil health and provide practical guidance on soil management techniques to improve agricultural productivity and environmental sustainability.

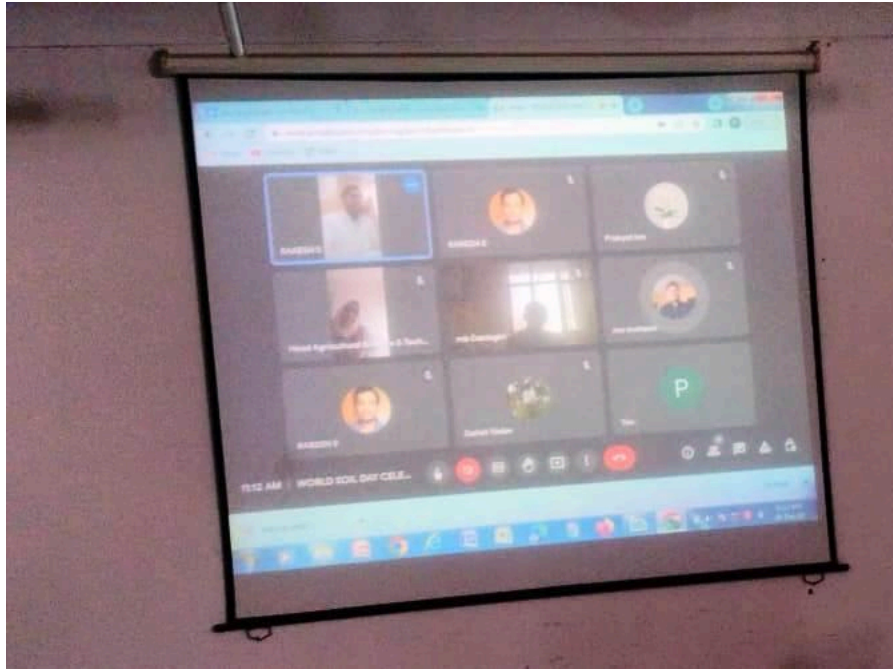
Under Soil Smart Farming training, Dr Khalid Habib elucidated the adoption of sustainable soil management practices and educational content through digital platforms. Key components include promoting organic farming practices, encouraging the use of cover crops and green manures, advocating for minimal tillage and conservation agriculture techniques, and promoting the use of organic amendments and biofertilizers. The training modules consisted of multimedia presentations, video tutorials, interactive quizzes, and downloadable resources to facilitate self-paced learning. Students also had the opportunity to engage in online discussions and brain storming sessions with Dr Khalid Habib. Dr. Habib addressed issues of organic farming techniques, cover cropping, minimum tillage, conservation agriculture, soil testing, interpret soil test results, and making informed decisions about nutrient management. The program addressed soil conservation strategies such as contour plowing, terracing, and agroforestry to mitigate soil erosion and promote soil health and resilience.

The Soil Smart Farming training program for students represents a significant initiative in preparing the next generation of agricultural professionals with essential skills in sustainable soil management. By providing students with comprehensive education and practical training, the program empowers them to become effective stewards of soil health and advocates for sustainable agriculture practices. Continued investment in experiential learning and hands-on training programs like Soil Smart Farming is essential for building a skilled workforce capable of addressing the challenges of soil degradation and ensuring the long-term sustainability of agricultural systems. The Program was observed under the guidance of Prof (Dr.) Mohd. Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology, Integral University and Dr. Saba Siddiqui, Head, Department of Agriculture, IIAST, Integral University.

Glimpses of the training program



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