

21 -DAYS WINTER SCHOOL CONCLUDES AT ICAR-IISS, BHOPAL

The ICAR-sponsored 21 -Days Winter School on Recent Advances in Conservation Agriculture for Regenerating Soil Health and Climate Change Mitigation during 27 February - 19 March, 2025 at ICAR-Indian Institute of Soil Science, concluded with the valedictory session. The Chief guest, Dr. Tapan Adhikari, I/c Director, ICAR- IISS, Bhopal emphasized the role of CA in regenerating soil health and climate change mitigation. He also stressed the importance of agronomic strategies for soil carbon sequestration under CA. Dr. S.K. Behera, Head, Division of Soil Chemistry and Fertility & Course Co-Director emphasized the importance of recent tools and tactics for improving crop productivity and maintaining soil health under changing climate scenario.

Dr. B.P. Meena, Senior scientist & Course Director, provided an overview of the winter school, detailing important sessions, field demonstrations/ visits, interactive sessions conducted over the 21 days. He acknowledged the financial support of ICAR, faculty members, invited guest speakers and participants in making the program a success.

Participants shared their experiences, appreciating the hands-on exposure to newer concepts of CA and carbon sequestration for mitigation of climate change, management practices for soil carbon storage, potentiality of CA under rainfed condition, doable CA technologies for major cropping systems in Vertisols, suitability of CA machinery and advance engineering approaches for implementing CA, DNDC, APSIM models for soil carbon prediction, handling of MIR spectroscopy, TOC analyzer, CHN Analyzer and Gas Chromatography, Free air carbon dioxide experiments (FACE) and growth chambers, Open Top Chamber (OTC) and its application in agricultural research.

The Winter School served as a significant platform for knowledge exchange, capacity building, and fostering innovative approaches to agricultural research and development. 25 Assistant Professors and scientists from different SAUs of Andhra Pradesh, Maharashtra, Gujarat, Rajasthan, Uttar Pradesh, and Madhya Pradesh participated in the training.



