

**Advisory Committee Meeting of ICAR-NASF sponsored Project entitled “Development of Nano Sensor and its Application through Cloud Based Network for Real Time Irrigation to Soil and Plant” organized on 21/03/2024 to 22/03/2024 at ICAR-IISS, Bhopal**

The ICAR- Indian Institute of Soil Science, Bhopal, Madhya Pradesh, organized an Advisory Committee Meeting of ICAR-NASF sponsored Project entitled “*Development of Nano Sensor and its Application through Cloud Based Network for Real Time Irrigation to Soil and Plant*” on 21/03/2024 to 22/03/2024 at ICAR-IISS, Bhopal. This meeting was organized as per norms of the ICAR- NASF to monitor the progress of ongoing research project work. At the outset, Dr S. P. Datta, Director, ICAR-IISS, Bhopal welcomed the members and elaborated the importance of the project in the current scenario during his welcome address. Dr. Tapan Adhikari, Principal Investigator, briefed about the goals and objectives of the project. Dr. Jitendra Kumar, ADG, NASF, New Delhi highlighted the importance of the Government Scheme like ‘Per Drop More Crop’ in agriculture and emphasized that development of nano sensor through this project will help to improve the water use efficiency to a great extent. Dr. K. B.V.N. Phanindra, Associate Professor, IIT, Hyderabad also highlighted the importance of nano sensor in agriculture. Dr. C. R. Mehta, Director, ICAR- CIAE, Bhopal and C D Singh, CCPI (ICAR- CIAE, Bhopal) joined the said meeting and delivered brief remarks expressing their views how to work jointly for accomplishing the project goal. The whole project team Dr. Ajay, Co-PI, Lead Centre, ICAR-IISS, Bhopal, Mr. Vinod, SRF, Lead Centre, ICAR-IISS, Bhopal, Dr. N. S. Chandel, Co-CCPI, Co-operating Centre (ICAR- CIAE, Bhopal), Ms. Ria Ghosh, SRF, Co-operating Centre (DST- SN Bose National Centre for Basic Sciences, Kolkata) and other administrative officers (SAO, AAO, SFAO) ICAR-IISS, Bhopal actively participated in the meeting. Dr. B.S. Dwivedi, Chairman of the Advisory Committee in his inaugural speech, emphasized and highlighted the need of nano sensor in modern agriculture elaborating its benefit to field irrigation as well as the farming community. He congratulated and appreciated the Lead Centre along with the Cooperating Centres to take this project initiative. Overall, **Chairman and Members** expressed their satisfaction on the progress of the project and suggested for future endeavour regarding validation of the **contact and non-contact nano sensor** in various field conditions under existing different funding / sponsoring agencies. The workshop was concluded with a formal vote of thanks.

