

NASF Advisory Committee Meeting on hyperspectral project was held on 28 November, 2023

Advisory committee meeting of NASF project “Hyperspectral reflectance and multi-nutrient extractant- based rapid assessment of soil properties for sustainable soil health in India” was held on 28 November, 2023 at ICAR-CAZRI, Jodhpur. The meeting was chaired by Dr. Jitendra Kumar, Assistant Director General (ADG), National Agricultural Science Fund (NASF), ICAR, New Delhi. Dr. Ashok Kumar Yadav, Dean, SGT University, Gurugram participated in the meeting as the expert member through virtual mode. Dr. O.P. Yadav, Director of the institute welcomed the chairman and members of the committee and briefed about the importance of rapid assessment of soil properties through hyperspectral reflectance. Project investigators of five cooperating centres from ICAR-IARI, New Delhi, ICAR-ISSS, Bhopal, ICAR-NBSS&LUP, Nagpur, BCKV, West Bengal and TNAU, Tamil Nadu presented the progress reports of the project. Dr. Priyabrata Santra, principal investigator of the project presented a comprehensive progress report of the project including the establishment of spectroradiometer laboratory in the institute and development of soil spectral library represent soil samples from different agro-ecological sub regions of the country. Vote of thanks of presented by Dr. P.C. Moharana, Principal scientist and co-principal investigator of the project. Dr. Jitendra Kumar also visited the spectroradiometer laboratory of the institute for measurement of hyperspectral reflectance using spectroradiometer (Model: SVC-XHR 1024i). It was followed by the field visit in agri-eco-tourism park, protected cultivation of brinjal, tomato inside protected structures, hydroponics, aeroponics, horticultural plantations of fig, dragon fruit, papaya etc. The chairman appreciated the efforts of the institute to develop demonstrable models of different production systems in arid conditions.

