

## DST-sponsored Winter School on Geospatial Science & Technology organized at ICAR-CAZRI, Jodhpur

A 21-days Winter School on Geospatial Science and Technology (Level-1) was organized at the ICAR-Central Arid Zone Research Institute (ICAR-CAZRI), Jodhpur under National Geospatial Programme (NGP) of the Department of Science and Technology (DST), Govt. of India during 1-21 November 2022. Eighteen researchers from different ICAR Institutes, State Agricultural Universities (SAUs) and General Universities of India participated in the training programme. Application and selection of candidates for the training programme was carried out through online portal of DST at <https://dst-iget.in/> and overall monitored by project management unit of DST located at Institute of Environment Education and Research, Bharati Vidyapeeth University, Pune.



The programme started with the inauguration on 1<sup>st</sup> November, 2022 with the gracious presence of Dr. Apurba Bera, General Manager, Regional Remote Sensing Centre (West), Jodhpur. During the training programme, 47 theory lectures and 52 practical sessions on geospatial science and technology were organized. Apart from the host Institute, resource persons from different key institutes across country i.e. Indian Institute of Remote Sensing, Dehradun, Regional Remote Sensing Centre (West), Jodhpur, Punjab Remote Sensing Centre, Ludhiana, National Remote Sensing Centre, Hyderabad, Indian Institute of Technology, Jodhpur, ICAR-Indian Agricultural Research Institutes, New Delhi, ICAR-National Bureau of Soil Survey and Land Use Planning, Nagpur etc. delivered the lectures on the advanced topics on geospatial science and technology, e.g. SAGA GIS, QGIS, WebGIS, Google Earth Engine etc.

During the training programme, participants also successfully completed different mini projects on applications of geospatial technology in monitoring indicators of sustainable development goals (SDGs) e.g. wind erosion vulnerability, soil salinity, vegetation degradation, groundwater quality etc. The valedictory programme of the training programme was held on 21<sup>st</sup> November, 2022 with the gracious presence of Dr. Shubha Pandey, Scientist-E, NGP, DST, Govt of India and Dr. O.P. Yadav, Director of the institute. Dr. Yadav highlighted the increased use of geospatial technologies especially in agriculture for promoting natural resource-sensitive farming. The winter school was organized by Dr. Priyabrata Santra, Dr. Mahesh Kumar, Dr. N.R. Panwar and Dr. P.C. Moharana.