



UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE

Knowledge | Research | Sustainable Agriculture

ICAR SPONSORED TEN DAYS SHORT COURSE

GEOSPATIAL TECHNOLOGIES FOR LAND RESOURCE ASSESSMENT AND SUSTAINABLE DEVELOPMENT

17-26 NOVEMBER 2026

Organized by:

Department of Soil Science and Agril. Chemistry,
College of Agriculture, GKV, UAS, Bangalore



Sponsored by:

Indian Council of Agricultural Research (ICAR)



Correspondence:

ssandac.uasb@gmail.com



Course Director:

Dr. Ravikumar D

+91 99009 89599



Course Co-Director:

Dr. A. Sathish

+91 99002 13037





ABOUT THE INSTITUTE

The University of Agricultural Sciences, Bangalore established in 1964 and headquartered at GKVK, is a NAAC A+ accredited institution committed to agricultural education, research, extension, and capacity building in agriculture and natural-resource management.

The Department of Soil Science and Agricultural Chemistry at the College of Agriculture, GKVK, UAS, Bangalore supports undergraduate, postgraduate, and doctoral education and research in soil fertility, plant nutrition, soil and water quality, nutrient management, land-resource assessment, and sustainable agriculture.



COURSE HIGHLIGHTS



Hands-on training in open-source & licensed geospatial software (QGIS/ArcGIS).



Satellite data acquisition, image processing, classification and accuracy assessment.



LULC mapping, soil resource mapping, terrain analysis and land capability/suitability evaluation.



Watershed delineation, hydrological applications, land degradation assessment and land use planning.



WHO CAN APPLY?

Master's degree in the concerned / allied subject and working not below the rank of Assistant Professor (or equivalent) with at least two years of teaching/ research experience in an Agricultural University / ICAR Institute. In-service teaching faculty, researchers and subject-matter specialists of the rank of Assistant Professor (or equivalent) are also eligible.



TRAVEL, BOARDING AND LODGING

Boarding and shared accommodation will be provided to the participants. The participants will be paid for the journey, to and fro by the shortest route restricted train journey up to Three-tier AC. The local candidates are not eligible for boarding and lodging; however, they will be provided hospitality (working lunch and refreshments). Participants are requested not to bring any family members, as there is no provision for their accommodation.



COURSE CONTENT

- Foundations of RS, GIS & GPS
- GIS Skills (QGIS/ArcGIS)
- Image Processing (Landsat, Sentinel, LULC & Change Detection)
- Soil & Land Resources
- Watershed Management
- Crop & Vegetation Monitoring
- Land Degradation & Planning



VENUE

Dept. of Soil Science and Agril. Chemistry,
College of Agriculture, GKVK,
UAS, Bangalore-65



SCAN TO APPLY / REGISTER



Application form



Google Form



INFORMATION

Dr. Ravikumar D.
Course Director

College of Agriculture, GKVK,
UAS, Bangalore-560065
Phone: +91 99009 89599

Dr. A. Sathish
Course Co Director

College of Agriculture,
UAS, Bangalore-560065
Phone: +91 99002 13037

Registration Fee: ₹ 50/- (As per ICAR guidelines)



Email: ssandac.usbs@gmail.com

Learn . Apply . Make an Impact