



VIT<sup>®</sup>

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

VIT School of Agricultural Innovations and Advanced Learning (VAIAL)

# Decoding Soils: Digital Mapping Techniques

Online Workshop

Saturday, 2 May 2026 | 10:30 AM – 5:00 PM



## About the Workshop

A focused, application-driven workshop designed to introduce participants to modern digital soil mapping tools, field data techniques, and advanced geospatial applications for soil and land use analysis.

## Key Topics

Introduction to Soil Mapping, Statistical & Geostatistical Approaches & Machine Learning in DSM, Hands-on Data Preparation & Covariate Extraction, DSM Model Step-by-Step, Mapping Soil Properties and Validation

## Expert Speakers



**Dr. Nilimesh Mridha**  
Senior Scientist  
ICAR – National Institute of Natural Fibre Engineering & Technology, Kolkata



**Dr. Bappa Das**  
Senior Scientist  
ICAR – National Bureau of Soil Survey and Land Use Planning, Nagpur

**Register Now**

<https://events.vit.ac.in/>



Organising secretaries

Dr. S. Firdous

Dr. Annie Jenifer M

Dr. R Rajendran

Dr. Parthasarathi T.

HOD, Department of Agronomy

Dean, VAIAL

VIT – A place to Learn, A chance to grow