

CERTIFICATE COURSE ON LABORATORY TECHNIQUES FOR SOIL, WATER AND ORGANIC INPUT TESTING AND ANALYSIS



Details of the Course

- **Duration:** Three months (12 weeks),
Three batches every year during
January–March, May–July, Sept–November
- **Course fee :** ₹.6000/- (Non Refundable)
- **Minimum Qualification:**
Passed Higher Secondary in Science/Diploma in
Engineering & Technology/ ITI
- **Credits under Academic Bank of Credits under New Education Policy 2020: (1+1)=2**

For Any Queries Reach out to us:



soils_fa@aau.ac.in
gayatri.g.kandali@aau.ac.in



Department of Soil Science,
Assam Agricultural University,
Jorhat , Assam-785013

COURSE OUTLINE

Lesson No.	Title
SWT-01	Soil and water testing: Its importance and scope
SWT-02	Basic knowledge on essential plant nutrients
SWT-03	Importance and use of GPS
SWT-04	Collection and preparation of soil sample
SWT-05	Collection of water samples from different sources
SWT-06	Organic inputs-Importance, sources and production
SWT-07	Collection of organic inputs from different sources
SWT-08	Digestion for total analysis of organic inputs
SWT-09	Basic knowledge on some important glassware and chemicals
SWT-10	Basic knowledge on some important instruments
SWT-11	Calculations and units of expressing nutrient concentrations
SWT-12	Preparation of reports and proper maintenance of records in file and register