

CAPACITY BUILDING COURSE
on
“SOIL HEALTH CARD, SOIL
SAMPLING PROCEDURE AND
LABORATORY ANALYSIS”
(November 24-26, 2020)



Sponsored by:
ICAR-ATARI (Zone-VII),
Umiam, Meghalaya

Organized by:
School of Natural Resource Management
College of Post Graduate Studies in
Agricultural Sciences (CAU-I),
Umiam-793103, Meghalaya

Coordinated by
Directorate of Extension Education, CAU,
Imphal, Manipur



Background:

North East Hill Region is one of the biodiversity hot spot and rich organic matter. The crops are customarily growing since early time without addition of extra plant nutrition. The organic matter rich soils of the region are continuously supporting crops and life of all kind. Considering the demand of food, feed and fiber etc. for fast growing population from limited land resources must be needed the sustainable agricultural with high production system. A healthy soil will help in achieving such agriculture system. It is now vital to measure the health of soils and also the farmer's realization of their soil health. The basic need of the soil health examination and analysis are presenting in report card called as “soil health card” (SHC). The Government of India was launched the Soil health card scheme in February 2015 to help farmers in understanding their soil health condition and follow management practices accordingly. Therefore, this training program is attempting to provide the basic requirements of soil health examination, analysis in the laboratory, data interpretation and recommendation of crop need with following objectives.

Objectives:

- To strengthen the linkage of farmers with Central Agricultural University through capacity building.
- To diagnose soil fertility related constraints and provide a basis to address nutrient deficiencies in fertilization practices
- To develop and promote soil test based nutrient management for enhancing nutrient use efficiency.
- To build capacities for promotion of nutrient management practices.

Course Content:

- ✓ Evaluation of soil fertility.
- ✓ Soil sampling procedure.
- ✓ Importance of soil testing.
- ✓ Interpretation of soil analysis.
- ✓ Awareness regarding soil health card.
- ✓ Soil sample collection procedure.
- ✓ Soil processing in the Laboratory analysis.
- ✓ Soil analysis in laboratory.
- ✓ How to prepare SHC?

Training Methodology:

Interactive lectures, power-point presentation, group discussion, practical work on laboratory analysis, data interpretation and preparation of SHC.

Course Duration:

The duration of the course is of three days and it is scheduled to be held from the 24 to 26th November, 2020.

About the College:

College of Post Graduate Studies in Agricultural Sciences (CPGS-AS) is one of the constituent colleges of Central Agricultural University, Imphal which was established in the year 2007 at Umiam, Ri-Bhoi District of Meghalaya and the distance from the State capital – Shillong is about 20 Km. It is a premier agricultural post-graduate educational institution in the North Eastern Region under the Agricultural University Education System. The mission of the college is to provide quality education, applied research and extension programmes for the benefit of the people of the North Eastern States.

Boarding and Lodging:

All the participants will be provided free boarding and lodging facilities in the Guest House of CPGS-AS (CAU-I).

How to reach training venue?

The CPGS-AS can be reached alongside Guwahati-Silchar highway which is about 1 Km from Dyke-Point of Shillong-Jowai by-pass. The nearby land mark is the office of ICAR Research Complex for NEH Region.

Who can participate?

This capacity building course is meant for the extension officials from State Line Departments viz., Agriculture, Horticulture, Veterinary & Animal Husbandry and allied sectors. Staff of ICAR, CAUs, SAUs, KVKs etc. in the rank of Scientist, Assistant Professor, SMS, Training Organizer or equivalent can participate in the training programme. The total number of participants shall be limited to 25. All the applications must be routed through proper channel. No course fee will be charged from the participants.

Course Director:

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Course - Coordinator

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Application Format

1. Full Name (In block letter):
2. Designation:
3. Present Employer with Address:
4. Address for Correspondence:
5. Mobile No.:
6. Date of Birth:
7. Gender:
8. Marital Status:
9. Nature of Job(Teaching/ Research/ Training/ Extension/ others):
10. Professional Experience: (Post held during the last five years)

S. No.	Post held	Duration	Organization

11. Accommodation Required: Yes /No
12. Mode of Travel: Road /Rail
13. Arrival Details: (Date & Time)

Place:

Signature of candidate

Date:

Recommendation of Forwarding Authority

Date:

Signature & Seal

(Name & Designation)

(The filled in application in all aspects to be submitted to the Dean, CPGS-AS, (CAU-I) Umiam-793103 (Meghalaya) in prescribed format by Post or by mail:deancpgs@gmail.com latest by 20th November, 2020).