Contact

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Successful aquaculture largely depends on providing animals with a satisfactory growing environment. The water and soil quality in culture ponds deteriorates due to intensified farming practices. Maintaining a good pond environment through proper management practices will reduce the stress, risk of disease, and increases production. To understand the condition of pond environment, proper soil and water sampling is essential to get representative samples for laboratory analysis. Many procedures are available to test the soil and water parameters starting from onsite measurements with kits and meters to laboratory analysis with sophisticated instruments.

Aquatic Animal Health and Environment Division has the expertise to look into all aspects of abiotic parameters related to brackishwater aquaculture. The laboratories of the institute are equipped with highly sophisticated instruments and portable meters to analyze vital soil and water parameters. A pond soil core sampler was fabricated by the Institute for the collection of soil samples during culture period. Portable Analysis Kits were developed for on-site measurement of water parameters.

The proposed training throws knowledge on suitability of soil and water for aquaculture. sampling techniques and analytical procedures for important soil and water parameters, soil and water treatments to mitigate the inadequacies, and recommendations based on the interpretation of results for the better pond environment in aquaculture farms.

CIBA

Organized by,

ICAR-Central Institute of Brackishwater Aquaculture (CIBA)

(Ministry of Agriculture and Farmers Welfare)

AQUACULTURE POND WATER AND SOIL ANALYTICAL TECHNIQUES AND INTERPRETATION OF RESULTS

7th-9th January 2025

ICAR-CIBA
#75, Santhome High Road, MRC Nagar, Chennai, Tamil Nadu
600 028

Course Content

1. Soil and water sampling techniques from new and existing culture ponds
2. Analytical procedures for soil and water parameters (Abiotic and Biotic)
   - Onsite measurement of parameters with portable kits and meters
   - Laboratory analysis
3. Soil and water suitability for aquaculture
4. Interpretation of results for better management of shrimp farms
   - Minerals and their significance in low saline aquaculture systems
   - Treatments for the improvement of soil and water quality

REGISTRATION FORM

1. Full Name (Block Letter):
2. Designation :
3. Address for communication :
4. Mobile number :
5. Email :
6. Date of birth :
7. Gender :
8. Academic qualification :
9. Working experience :
10. PAYMENT DETAILS

A. Online payment:
SBI, Account no: 10013240762
IFSC code: SBIN0005797
Transaction No:----------
B. Demand Draft drawn in favour of "ICAR Unit, CIBA", payable at State Bank of India, Santhome Branch, Chennai-600028.
DD No. ----------
Dated ----------
Amount ----------
Drawn on bank----------

CERTIFICATE

It is certified that the information furnished above has been verified and found to be correct.

Place:
Date:

Name and signature of the applicant

Click here to Register

Patron
Dr. Kuldeep K. Lal
Director, ICAR_CIBA

Convener:
Dr. M. Muralidhar, Principal Scientist, AAHED
Dr. M. Shashi Shekhar, Head & Principal Scientist, AAHED

Course Directors:
Dr. P. Kumararaja, Senior Scientist, AAHED
Dr. R. Saraswathy, Principal Scientist, CCD

Travel and boarding:
The expenditure on travel, TA, DA, etc., has to be borne by the sponsoring authority or by the candidates themselves.

Institute has limited hostel facilities, suitable accommodation will be arranged on payment basis either in hostel or in a hotel nearby to the Institute on advance intimation.

Target Audience:

Aquaculture farmers, Technicians, Academicians, Research Scholars, Students who are keen to learn about pond environment management.

Nomination and course fee:

Fill Nomination/Registration form with fee details and send it before 31st December 2024.

Fee details:

The training fee is Rs. 4,130 (including 18% GST) per person, which includes application fee, course fee, course material and working lunch. Fee is not refundable in case of cancellation of the programme but transferable.