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.

Environment Section of 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. Recently, portable Water Analysis Kits were developed for the analysis of water parameters at the pond site.

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.

Contact:
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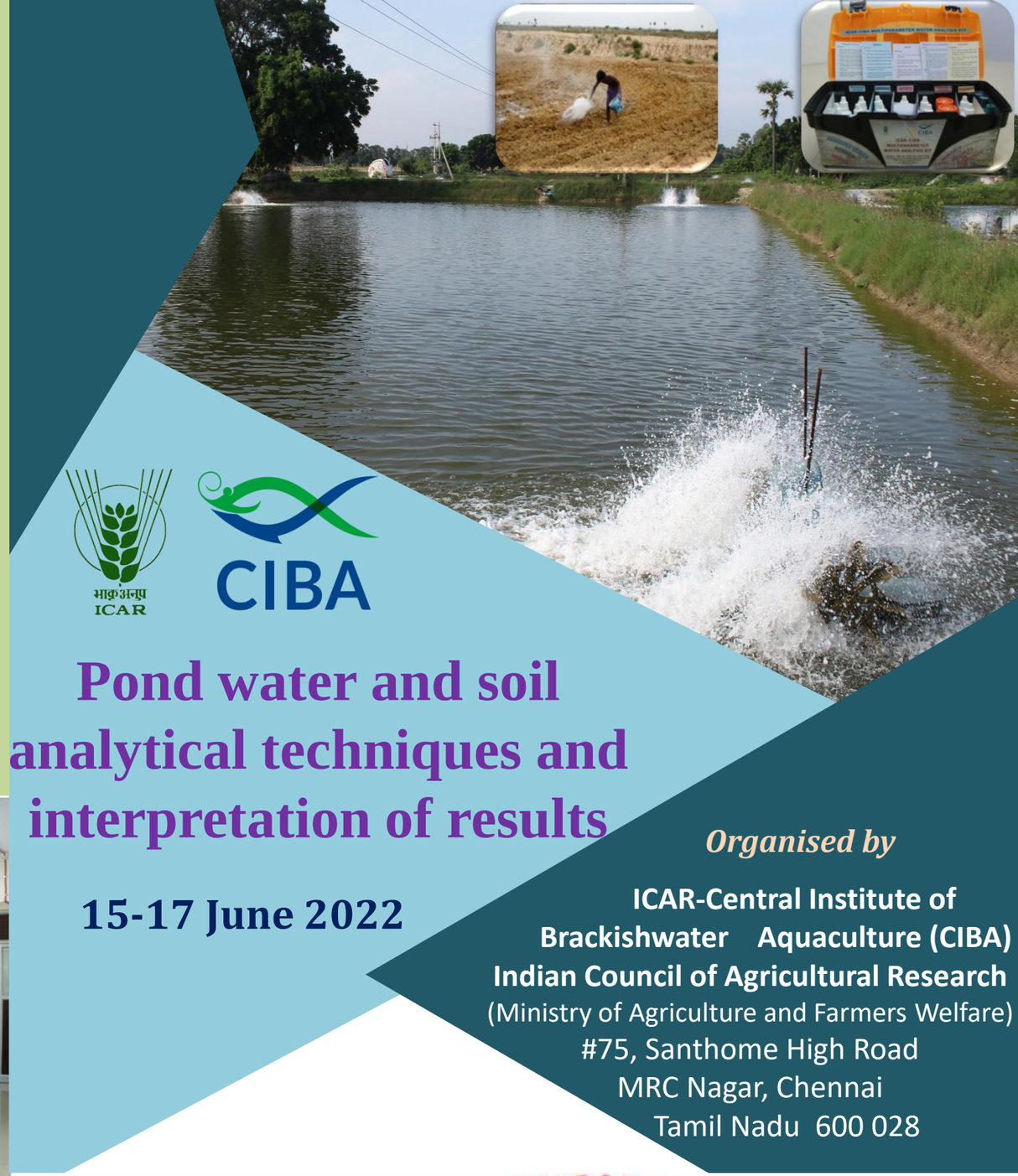

भाकृअनुप ICAR

CIBA

Pond water and soil analytical techniques and interpretation of results

15-17 June 2022

Organised by

ICAR-Central Institute of Brackishwater Aquaculture (CIBA)
Indian Council of Agricultural Research
(Ministry of Agriculture and Farmers Welfare)
#75, Santhome High Road
MRC Nagar, Chennai
Tamil Nadu 600 028

1.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

Course Content

- Soil and water sampling techniques from new and existing culture ponds
- Analytical procedures for soil and water parameters
  - Onsite measurement of parameters with portable kits and meters
  - Laboratory analysis
- Soil and water suitability for aquaculture
- Interpretation of results for better management of shrimp farms
  - Treatments for the improvement of soil and water quality
  - Minerals and their significance in low saline aquaculture systems
  - Therapeutics, biosafety products and disinfectants for biosecurity

Course Coordinators:

Dr. M.Muralidhar, Principal Scientist & SIC , Environment Section
Dr. P.Kumararaja, Senior Scientist, Environment Section

Course Co-coordinators:

Dr. R. Saraswathy, Dr. Satheesha Avunje, Dr. A. Nagavel

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.

Fee details

The training fee is Rs. 4150 (including 18% GST) per person, which includes application fee, course fee, course material, working lunch and refreshments.