



ICAR-CIBA Workshop Training on

Risk Management in Shrimp Aquaculture

Sensitization Programme for Officers of
Banks and Insurance Sector

Date : 15th – 17th February, 2023

Organized by

ICAR- Central Institute of Brackishwater Aquaculture (CIBA)

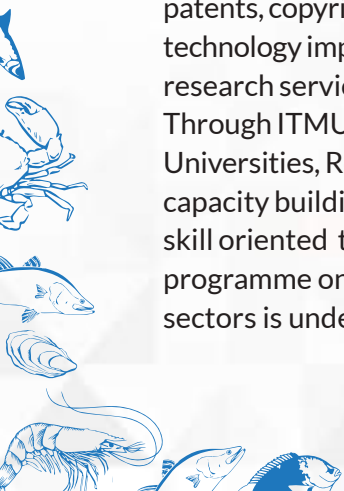
#75, Santhome High Road, RA Puram, MRC Nagar
Chennai, Tamil Nadu. 600 028.



About ICAR-CIBA

ICAR-Central Institute of Brackishwater Aquaculture (CIBA) is one of the eight fisheries research institutes under the Indian Council of Agricultural Research (ICAR), New Delhi. ICAR-CIBA was established on 1st April 1987 as the nodal agency for catering to the needs of brackishwater aquaculture research in the country. The mandate of the Institute is to conduct strategic and applied research for techno-economically viable and sustainable production systems for finfish and shellfish in brackishwater with a systematic database and undertake human resource development through training, extension and education. The institute's research focuses on developing technology for breeding, seed production and farming of brackishwater shellfish and finfish species, nutrition and feed processing, disease diagnostics and health management, soil and water quality management in production systems, technology assessment and refinement, socio-economic evaluation of production systems, commercialization and communication of technologies to the brackishwater aquaculture stakeholders.

The Institute Technology Management Unit (ITMU) was established under ICAR plan scheme entitled "Intellectual Property Management and Transfer/Commercialization of Agricultural Technology Scheme" funded by ICAR. ITMU acts as a facilitating and supporting unit to identify emerging technologies; file patents, copyright and trademark registration of the Institute technologies; technology commercialization; technology improvement for production of newer and improved products for consultancy services contract research services, consultancy training programmes and to organize Industry-Academic-Institute meets. Through ITMU, the Institute has signed 180 MoUs/MoAs with Institutes of National Importance like IITs, Universities, Research Institutes, corporate bodies, and farmers/entrepreneurs. ITMU unit has engaged in capacity building of stakeholders, and dissemination of brackishwater aquaculture technologies through skill oriented trainings, publications, advisory services, exhibition, workshop etc., In this line this training programme on 'Risk management in shrimp farming to sensitize the field officials of bank and insurance sectors is undertaken.



COURSE BACKGROUND

Shrimp farming is an important economic activity contributing significantly for the socio-economic upliftment of coastal families, development of infrastructure like power, roads, electricity contributing for the rural development. It causes good growth of subsidiary industries besides being a significant foreign exchange earner. India has about 1.2 million ha of brackishwater resources of which only 16.57 % is being utilized for farming. India has produced 8.43 lakh tonnes of farmed shrimp from an area of 1.67 lakh ha (MPEDA, 2022). Accordingly, the overall export of shrimp during 2021-22 was to the tune of 7,28,123 MT which fetched foreign exchange worth USD 5,828.59 Million. Shrimp farming is operated at different scales from extensive to super-intensive systems adopting Recirculatory and bio-floc principles. Majority of the shrimp farms are smaller in size with a range of 2-4 ha water spread area. The major shrimp producing states are: Andhra Pradesh, Gujarat, Tamil Nadu, Odisha, West Bengal followed by Kerala, Karnataka, Goa and Maharashtra.

Though shrimp farming is technology driven and technically efficient in converting almost 90% of the inputs into output, currently, shrimp farming faces several challenges in the production and marketing front which include diseases, climate change, cost escalation in inputs, market access restrictions and low price which affect the income of small and medium scale farmers. In order to protect shrimp and fish farmers, there is a need for facilitation of strong shrimp crop credit and insurance schemes.

The underlying theme of the training program is to protect shrimp farmer's livelihoods from the production and price risks by improving the access to institutional credit and insurance to enable farmers to recover from major losses and restart production immediately after natural disasters and or disease attacks. It is envisaged to facilitate systematic, scientific and technical deliberations in the training that could help officials of banks and insurance sector to gain domain knowledge and experience and to understand the shrimp farming sector in broader perspective and customization required in lending credit and insurance provisions for shrimp farmers and support the shrimp farming sector to the maximum extent.

OBJECTIVE

To sensitize the officials of banks and insurance sectors on shrimp farming, production systems, risks faced by shrimp farmers and management practices adopted by them to manage those risks and availability of advanced management technologies from research and development institutions.

Trainees will also gain knowledge on determining factors influencing farmer's willingness to pay for shrimp insurance and estimate the amount that farmers are willing to pay for shrimp insurance by interacting with the stakeholders invited for the discussions in the training programme.

IMPORTANT DATES

Last date for receipt of applications	:	6 th February, 2023
Intimation of selection	:	8 th February, 2023
Duration of the training	:	15 th Feb, 2023 - 17 th Feb, 2023



CONTENTS

Training programme will consists of lectures and interactive discussions on the following topics :

- Global fisheries and aquaculture scenario
- Overview of shrimp aquaculture in India
- Institutional and regulatory framework for shrimp aquaculture in India
- Diversification of species and systems in shrimp farming
- Health management in shrimp farming
- Soil and water management in shrimp farming under varying weather scenarios
- Significance of nutrition and feed in shrimp farming
- Capital, Credit requirements and Profitability of shrimp farming
- Potential of crop insurance in risk mitigation
- ICT applications for shrimp farm management
- Innovations, startups and incubation in shrimp farming
- Scope for diversification with alternate species
- Field visit to research, quarantine, hatchery and farm facilities

PARTICIPANTS' ELIGIBILITY

Officers of Banks and Insurance sector and Government development departments interested in aquaculture sector are eligible to apply. A maximum of 20 participants will be selected for participation in the training programme.

NOMINATION AND COURSE FEE

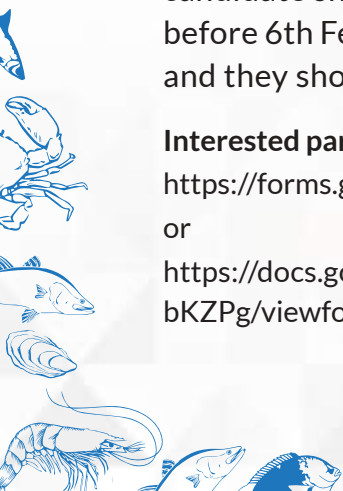
Application along with the course fee is to be sent to the Director, ICAR-Central Institute of Brackishwater Aquaculture, 75, Santhome High Road, R. A. Puram, Chennai – 600 028. The course fee is Rs. 23,600 /- (including GST) can be remitted as online transfer or demand draft drawn in favour of ICAR Unit – CIBA; Account No - 10013240762, State Bank of India, Santhome Branch, IFSC code : SBIN0005797, payable at State Bank of India, Santhome Branch, Chennai-600 028 and the same need to be enclosed with the application. The employed candidate should apply through the proper channel. Application should be submitted on or before 6th February, 2023. The selected candidates will be intimated by an e-mail/telephone and they should report on the first day of the commencement of the training course.

Interested participants can apply through

<https://forms.gle/f1nvUsMwgjUfPiMW7>

or

https://docs.google.com/forms/d/e/1FAIpQLSeKVrPwWugz0X1s8ZxVKtL-VyEYhAl77v9Y-R4tPq6W-bKZPg/viewform?usp=sf_link



FOOD, TRAVEL, BOARDING AND LODGING

During the training, working lunch and light refreshments will be arranged for the trainees. The expenditure on travel, TA/DA etc., has to be borne by the sponsoring authority / organization or by the candidate. Since the institute has limited hostel facilities, suitable accommodation can be arranged on a payment basis in the hotels near the Institute on advance intimation.

Course Director

Dr. KULDEEP K. LAL

Director, ICAR-CIBA

Course Coordinators

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Dr. A. PANIGRAHI

Principal Scientist, Crustacean Culture Division, ICAR-CIBA, Chennai
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For further details, please contact

Director

ICAR-Central Institute of Brackishwater Aquaculture

Indian Council of Agricultural Research

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ICAR-CIBA Training on
Risk Management in Shrimp Aquaculture:
**SENSITIZATION PROGRAMME FOR OFFICERS OF
BANKS AND INSURANCE SECTOR**
15th – 17th February, 2023



APPLICATION FORM

1	Name of the candidate (in Capital Letters) & Designation	
2	Gender : Male / Female	
3	Date of Birth	
4	Nationality	
5	Highest Educational Qualification	
6	Experience in years(total)	
7	Category (Commercial Banks / Insurance company/ Government Departments)	
8	Name and address of the employer	
9	Complete postal address with Pin code	
10	Contact Email id	
11	Mobile Number	
12	Particulars of the course fee paid DD/NEFT/UTR Number etc.	
13	Are you being sponsored? If yes please give the name and address of the sponsoring organization	

Signature of the applicant

Recommendation of the sponsoring authority :

Date:

Place:

Please send the filled in application by e_mail to
E-mail: ciba.bpd@gmail.com with a copy to director.ciba@icar.gov.in