



ICAR-CIBA  
Chennai



ICAR-CIFE  
Mumbai

# Certificate Course on **Shrimp Crop Insurance and Loss Assessment**

29 April - 3 May 2024

ICAR-CIFE, Mumbai



## Why this Course?

Shrimp farming in India is a vibrant, fast growing and dynamic industry nurturing and sustaining the livelihoods of more than a million people, aiding the development of the ancillary aqua seed, feed, logistics, processing, and export industries, and steadily expanding the nutrition basket of consumers in both domestic and global markets. The sector generates an annual export revenue of about ₹ 43,000 crores and provides nearly one million tons of quality seafood for human consumption. Andhra Pradesh, Gujarat, Tamil Nadu, Odisha, and West Bengal are the major shrimp producing States followed by Kerala, Karnataka, Goa and Maharashtra. Inland saline aquaculture is also gaining momentum in the states of Haryana, Punjab and Rajasthan. With only 16% of the available area under culture, it has immense growth potential.

Currently, Indian shrimp farming faces a number of challenges, especially in terms of market uncertainty and price fluctuations, disease outbreaks, and extreme climate events. Insurance is one of the ways to shield against the risks and protect shrimp farmers' income and livelihoods. Similar to agricultural crop insurance, shrimp crop insurance is still evolving with innovative insurance products being launched in the market. ICAR-CIBA estimated an insurance premium market of Rs. 1000/- crores. Union government is also encouraging shrimp growers to insure their crop by subsidising the premium up to 40%.

However, the success of any insurance program requires availability of human resource with know-how of the insurance products, loss assessment, claim settlement as well as basic knowledge about shrimp farming practices and associated risks. There is a dearth of such expertise at present in India. Realising this gap, ICAR-CIBA and ICAR-CIFE have jointly developed a customised 5 days Certificate Course to train a cadre of people from among the fisheries professionals, development agencies, banking and insurance executives, marketing executives, technical consultants, and even fresh graduates seeking opportunities in shrimp industry to provide such support services. This cadre will become the crucial linkage between the shrimp growers and the insurance companies. This is already a felt need of the insurance industry venturing into shrimp crop insurance.

## Course Objectives

- To familiarise participants with basics of shrimp production systems, shrimp industry scenario, shrimp crop insurance, risks faced by shrimp farmers, and their mitigation strategies
- To impart knowledge and skill in shrimp crop insurance, surveying, preparation of crop insurance documents, loss assessment, and insurance claim management

## Expected Output

Participants with specific know-how and skill sets to appreciate risks in shrimp farming, understand insurance products, conduct on-farm surveys and assess loss / damage, and ability to help in insurance claim settlements.

## ICAR-CIFE

ICAR-Central Institute of Fisheries Education (ICAR-CIFE), Mumbai is the premier Deemed University of Indian Council of Agricultural Research, and an enviable brand name in the field of fisheries education and research over the last 60 years. It has five regional centres at Rohtak (Haryana), Kolkata (West Bengal), Powerkheda (Madhya Pradesh), Kakinada (Andhra Pradesh) and Motihari (Bihar). Having nurtured 2500+ illustrious scholars and built the professional competencies of 5000+ development professionals from within India and the Afro-Asian region, the emphasis has always been on quality education. The University offers post-graduation programs across 11 specialised disciplines in fisheries sciences with about 100 Masters and 65 doctoral seats every year. Demand driven Diploma programs, Certificate courses and customised short term training programs are offered through the year.

*For more details, please write to*

### Director & Vice-Chancellor

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Ranked 7<sup>th</sup> by NIRF, in Agriculture and Allied Sector



# ICAR-CIBA

Central Institute of Brackishwater Aquaculture (CIBA) is one of the research institutes under the Indian Council of Agricultural Research (ICAR), New Delhi. ICAR-CIBA was established on 1st April 1987 to serve as the nodal agency for catering to the needs of the brackishwater aquaculture research in the country. Our vision is to provide the foremost scientific research in brackishwater aquaculture and act as a repository of information on breeding and seed production technology for candidate brackishwater finfish and shellfish, cost effective indigenous formulated feeds, brackishwater farm and health management, population genetics and stock improvement, social research to uplift the farmers' livelihood status.

*For more details, please write to*

## Director

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## Course Contents

### A. Shrimp Farming and Industry

- Global and Indian scenarios of the shrimp industry covering growth trends in production, major markets, export/domestic market value chain, institutional and regulatory framework for aquaculture.
- Shrimp farming and production systems including the pond preparation, seed stocking, pond water quality management, feeding management, biosecurity and diseases management, and harvesting and handling.
- Risks and mitigation in shrimp aquaculture would cover economics of shrimp farming in different production systems, sources of various risks, disease risk, climatic risk, price risk, risk mitigation strategies, diversification of species and systems, better management practices, technology and innovation in the brackishwater aquaculture, etc.

### B. Shrimp Crop Insurance

- **Insurance basics:** what, when, why and how of insurance / crop insurance; scope for crop insurance in Indian shrimp farming
- **Shrimp crop insurance:** Insurance products available in the market; understanding shrimp crop insurance life cycle and processes; govt. schemes and support for insurance in fisheries and aquaculture sector; Insurance regulation and legal framework
- **Survey and loss assessment:** insuring shrimp crop; shrimp farm/pond survey and loss and damage assessment – methods, tools and process; claim process and claim settlement.

## Pedagogy

The five day short course has a judicious combination of indoor classes as well as field visits to shrimp farms with an innovative blend of theory and practical sessions. A team of experienced research, development and industry professionals form the core program faculty. The program is designed to be highly interactive, and would utilise the interest, knowledge, experience and creativity of participants in the form of group discussion, practical exercises and assignments.

## Target Participants

Working professionals/consultants/executives in insurance and banking sector, shrimp industry, development agencies, and fresh graduates seeking opportunities in shrimp industry; a maximum of 30 participants will be selected on a first come first serve basis. Candidates nominated and sponsored by the industry / government agencies will be given preference.

## Course Fee (INR)

Participant Category	Non-Residential*	Residential**
A. Insurance and Banking Sector, Shrimp Industry, etc.	16,000/-	25,000/-
B. Development Departments, Academic & Research Institutions, etc.	12,000/-	18,000/-
C. Retired Fisheries Professionals, Students & Research scholars	6,000/-	15,000/-

\* Course fee (Non-residential) is inclusive of GST, and includes course material, field visits, working lunch, and refreshments on all the five days.

\*\* Course fee (Residential) is inclusive of GST, and includes course material, field visits, accommodation (at International Guest House in the CIFE Campus on a twin-sharing basis in AC rooms), food (breakfast, lunch dinner), and refreshments on all the five days.

## How to apply?

**Register/apply online using the link**  
<https://forms.gle/qjZiAXytwd8TXiMv8>

### Payment mode:

#### A. CIFE online payment gateway

<https://www.cife.edu.in/payment/flow/frm.php>

#### B. Bank transfer

ICAR Unit-CIFE Mumbai; Current Account  
No.:10132355212, State Bank of India, Versova,  
Mumbai - 400061; IFSC code: SBIN0003117.

Last Date: **25<sup>th</sup> April 2024**

The selected candidates will be intimated by e-mail/phone.

## Boarding and Lodging

Candidates requiring accommodation during the course shall opt for and pay the stipulated Course Fee (Residential) indicated above. Lodging and food will be provided at the International Guest House located on the [CIFE Campus](#) on a twin-sharing basis in AC rooms.

## Program Dates

This program is second in the series of three programs and will be held from 29 April – 3 May 2024 at ICAR-CIFE, Mumbai Campus. The first program was held successfully at ICAR-CIBA, Chennai during 19-23 Feb. 2024. The third Program will be held in Kolkata during June/July 2024 (dates will be announced later). Course content remains the same for all programs.

## Program Directors

**Dr. Kuldeep K. Lal**, Director, ICAR-CIBA, Chennai

**Dr. Ravishankar C. N.**, Director & VC, ICAR-CIFE, Mumbai

## Course Directors

**Dr. T. Ravisankar**

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## Course Coordinators (Mumbai Program)

Contact here for Applications & queries

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## Course Coordinators (Chennai Program)

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29 Apr-3 May 2024

June/July 2024

19-23 Feb. 2024