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3. **S. Giridharan**, Deputy General Manager (Retd.), Oriental Insurance Company Ltd (OICL)
4. **C. Venkata Subramaniam**, Senior surveyor and independent loss assessor

Certificate Course on RISK MANAGEMENT SURVEY AND LOSS ASSESSMENT IN SHRIMP FARMING

February 19th - 23rd 2024 (Chennai)

For further details, please write to

Director

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ABOUT ICAR-CIBA

ICAR-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. It has two research centres at Kakdwip (West Bengal) and Navsari (Gujarat). 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 finfishes and shellfish, cost effective indigenous formulated feeds, brackishwater farm and health management, population genetics and stock improvement and research on social sciences aspects to uplift the farmers' livelihood status.

ABOUT 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 within India and the Afro-Asian region, the emphasis has always been on quality education. The University offers post-graduation programs across 11 specialized 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 throughout the year.

COURSE BACKGROUND

Shrimp farming in India is a vibrant, fast growing and dynamic industry nurturing and sustaining the livelihoods of more than a million people, aiding for the development of the ancillary entrepreneurs of aqua seed production, feed, logistics, processing and export industries 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 providing 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 number of challenges, especially in terms of market uncertainty and price fluctuations, disease outbreaks, and extreme climate events. Insurance is one among 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 insurance premium market of Rs. 1000/- crores Union government is also encouraging shrimp growers to insure their crop by subsidising the premium upto 20%.

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 program 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. 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 train fisheries professionals in basics of shrimp crop insurance, and impart skill in survey and loss assessment for insurance claim management
- To equip the field officials of banks and insurance companies with knowledge on risks faced by shrimp farmers and their mitigation strategies in shrimp aquaculture

EXPECTED OUTPUT

Fisheries professionals (students, graduates and retired officials) and banking/insurance executives with specific expertise and skill sets to appreciate risks in shrimp farming, understand insurance products conduct on-farm surveys and assess loss / damage, and ability to help manage the claims.

COURSE CONTENT

A. Shrimp Farming

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 seed stocking, pond water quality management, feeding management, biosafety 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 viz., disease risk, climatic risks, 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, insurance regulation and framework.

Shrimp crop insurance: Understanding shrimp crop insurance life cycle and processes; Insurance products available in the market; Government schemes and support for insurance in fisheries and aquaculture sector.

Survey and loss assessment: insuring shrimp crop; shrimp farm/pond survey, loss and damage assessment - methods, tools and process; claim process and claim settlement.

PEDAGOGY

The five-day short course will have a judicious combination of indoor classes as well as field visits to shrimp farms / hatchery with an innovative blend of theory and practical sessions. A team of experienced scientists and the practicing industry professionals will be the core program faculty. The program is designed to be highly interactive participative and would utilize the interest, knowledge, experience and creativity of participants in the form of classroom discussion, exercises and assignments.

PARTICIPANTS' ELIGIBILITY

- Fresh graduates seeking opportunities in shrimp industry
- Masters and Ph.D students from fisheries / allied sectors
- Retired fisheries professionals from departments or colleges
- Working professionals/consultants/executives in shrimp industry, development agencies, banking and insurance executives

A maximum of 30 participants will be selected on first come first served basis.

COURSE FEE

Category	Course fee	
	Non residential	Residential *
Masters & Doctoral students / Retired Fisheries Professionals	5000	10000
Government staff from development departments / academic & research institutions"	10000	15000
Staff of Insurance & Banking sector / Nominees / Professionals from industry"	20000	25000

1. Course fee is exclusive of 18% GST.
2. The fee covers course materials, field visits, working lunch and sessions tea/refreshments for all the five days.
3. *Twin sharing lodging will be provided. Boarding charges (breakfast and dinner) have to be borne by trainees.
4. "25% discount is available if three or more candidates are nominated from the same organization.

Applications, along with the receipt / details of course fee paid, shall be emailed to icarcibainsurance@gmail.com and may also be sent in the google form available in the URL (<http://tinyurl.com/nhct68ww>). Course fee is to be paid only through online. Course fee shall be paid using one of the online payment modes to the Bank Account: ICAR Unit-CIBA Account No.: 10013240762, State Bank of India, Santhome Branch, Chennai - 600028; IFSC code: SBIN0005797. Applications should reach on or before 9th February 2024. The selected candidates will be intimated by e-mail/phone and they should report on the first day of the training in time.

TRAVEL, BOARDING AND LODGING

The expenditure on travel, TA/DA etc. has to be borne by the sponsoring agency or by the candidate. Limited hostel facilities are available with the host Institution. Twin sharing accommodation will be arranged on payment basis for those who opt for residential option. Assistance can be extended for booking hotel accommodation on payment to be made by the trainees.

PROGRAM DATES

The training program will be held at three locations (Chennai, Mumbai and Kolkata) to facilitate participation of large number of candidates from across the country. Course content would remain the same.

ICAR-CIBA, Chennai: 19th - 23rd February, 2024
The dates will be announced for trainings to be held in ICAR-CIFE, Mumbai and ICAR-CIFE Regional Centre, Kolkata at later date.

ICAR-Central Institute of Brackishwater Aquaculture, Chennai

**Application for Certificate Course on
Risk management survey and loss assessment in shrimp farming**

1	Name of the candidate (in Capital Letters)	
2	Gender: Male / Female	
3	Date of Birth	
4	Nationality	
5	Highest Educational Qualification	
6	Category (Masters & Doctoral students/Retired Fisheries Professionals, Government staff from development departments/academic & research institutions, Staff of insurance & Banking sector/Nominees/Professionals from Industry)	
7	Designation if employed, name and address of the employer	
8	Complete postal address with Pincode	
9	Individual Email id	
10	Mobile Number	
11	Particulars of the course fee DD/NEFT UTR Number etc.	
12	Are you being sponsored? If yes please give the name and address of the sponsoring organization	

Signature of the applicant

Recommendations of the sponsoring Authority (if applicable) and signature with office seal

Date:

Place:

Please send the filled application to Dr. T. Ravisankar, Nodal officer, ICAR-CIBA, Chennai.

E-mail: icarcibainsurance@gmail.com