

About ICAR-CIFT

The Central Institute of Fisheries Technology is a national institute under the Indian Council of Agricultural Research (ICAR) that is dedicated to research, extension and training activities in fisheries harvest and post-harvest sectors. The Institute has been instrumental in modernising both the fishing and fish processing sectors in the country and continues to support both these industries through need based research and technology interventions. The interventions have resulted in better harvesting and utilization of fishery resources. The institute started functioning at Cochin on 29th April 1957, under the Department of Agriculture of the then Ministry of Food and Agriculture and the administrative control was brought under the Indian Council of Agricultural Research (ICAR) from 1st October 1967. Since then the focus is on aspects related to Immediate and long-term requirements of fisheries sector which includes (i) sustainability of the fishery resources – marine and inland, (ii) continued optimization of fishing gear for marine, inland and the aquaculture sector, in terms of selectivity and environmental footprint, (iii) conservation of biodiversity through optimization of fishing effort, prevention of capture of juveniles and non-targeted catches by suitable technical measures, (iv) development of harvest and postharvest technologies for the nonconventional deep sea resources, (v) enhancement of shelf fishery resources, (vi) value addition along the value chain, (vii) utilization of fishery wastes (viii) ensuring environmental safety in harvest and post-harvest operations, (ix) energy conservation in fish production and post-harvest sectors, (x) ensuring aquatic food safety and traceability, (xi) responsible utilization of landed fish, (xii) minimizing harvest and post-harvest losses, (xiii) suitable inputs for policy formulation and (xiv) effective transfer of technology.



ICAR Sponsored Short Course



BYCATCH REDUCTION IN FISHERIES: RECENT ADVANCES

17 - 26 January 2022
(online training)



Important Dates

Last date for submission of application

25-12-2021

Intimation of selection to applicants

30-12-2021

Programme Director

Dr. C N Ravishankar

Director

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Course Director

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Indian Council of Agricultural Research - CENTRAL INSTITUTE OF FISHERIES TECHNOLOGY

भारतीय कृषि अनुसंधान परिषद - केन्द्रीय मत्स्यिकी प्रौद्योगिकी संस्थान
(ISO/IEC 17025:2005 NABL accredited & ISO 9001:2015 certified)



Background

Bycatch is the portion of the total catch that is incidental in fishing operations. Global estimates suggest that approximately 10% of catch is being discarded in the marine capture fisheries. The bycatch generated depends on factors like fishing type, seasonal and geographical variations and biological characteristics of the target species. Bycatch generated in most of the fisheries constitute large quantities of juveniles, which causes growth overfishing issues and lack of quantification of bycatch causes serious lacunae in stock estimation. Globally it is seen that shrimp trawlers constitute the most bycatch. The quantity of bycatch has been increasing over the years, mostly due to the use of illegal gears, increase in capacity and with limited mechanism to control the illegal aspects of fishing. Spatial and temporal closure are widely accepted as technical measure to reduce the incidence of bycatch in fisheries. Along with the closures, modification to the gear, collectively called gear based technical measures are gaining wide importance. Many technical measures are adopted worldwide and many of them are developed and tested in India which has shown excellent results. Therefore, tackling the issue of bycatch and methods to reduce bycatch and training on the use of technical measures is of paramount importance for making fisheries sustainable.

Course contents

The content of the course will broadly cover the following topics

- Overview of Indian fisheries
- Overview of different fishing methods and their advantages.
- Bycatch issues and mitigation in different fishing scenarios
- Conservation of threatened species from fishing practices
- fishing gear selectivity
- Utilization of bycatch as food source and value addition.
- Legislation in the fisheries sector
- Bycatch and trade

Eligibility

- Scientist / Assistant Professor from SAU / CAU / Other Universities
- Officers from Central / State Agency / Department not below the rank of Asst. Director or equivalent.

Application and Registration

1. Visit <https://cbp.icar.gov.in/>
2. Create New Account
3. Login using the 'User Id' and 'Password' on the home page.
4. Click on 'Participate in Training'
5. Select 'Short Course' and scroll down to see 'Short Course training on Bycatch reduction in fisheries: recent advances' and click on 'Apply' on the right end of the same row

6. Fill up the form on personal and academic information and click on 'Next' button.

7. Use below given online payment gateway to pay non-refundable registration fee of Rs.50/- <https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=941265>

(Please mention '*Registration: Short course on bycatch*' in the 'Remark' column of online payment gateway)

8. Click to 'print' Advance Application form generated

9. Submit to office for approval and signature of the competent authority.

10. Click 'Submit' button, to submit the same to course director in the same page.

11. After approval from your office, upload the scanned copy of duly approved application form and click on 'Next' button.

12. Click on 'Upload Approved Application File' button to upload signed 'Advance Application form' (Approved Application Form) in pdf/ doc/ jpg/ jpeg/ docx and click on 'Submit' button for final submission.

13. Additionally, candidates may send their applications in the prescribed format duly nominated / forwarded by the competent authority to Course Director, Dr. Madhu V. R., Principal Scientist, ICAR-CIFT, Kochi, Kerala PIN-682029

14. After applying please check the portal <https://cbp.icar.gov.in/> for regular updates on the training

ICAR-Central Institute of Fisheries Technology, Kochi

- Academic details

Examination	Subjects	Year of passing	Class/GPA	University / institution
Degree				
Post graduate				
Doctoral				
Any other				

Signature of Candidate

Signature & Seal

Note: Application may be sent to the Course Director, ICAR-CIFT, Kochi.