

# ICT APPLICATIONS @ ICAR-CIFT



ICAR-Central Institute of Fisheries Technology  
(Indian Council of Agricultural Research)  
Willingdon Island, Matsyapuri P O  
Cochin - 682 029



# ICT APPLICATIONS @ ICAR-CIFT

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## ICAR - CIFT Web & Mobile App

### ABOUT

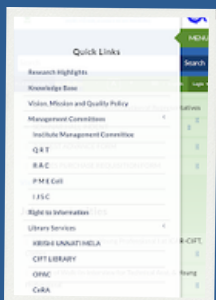
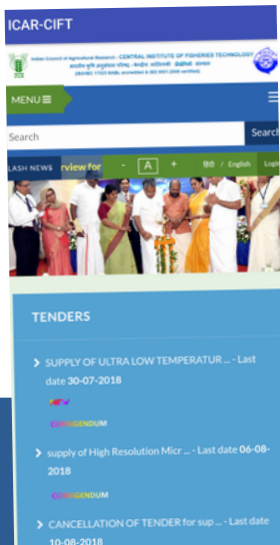
- Act as a gateway to exchange the information to the public in the form of web and mobile applications
- Provide general information on ICAR-CIFT, research highlights, services and trainings offered by CIFT on harvest and post-harvest technologies including quality assurance and management, biochemistry & nutrition, microbiology and engineering aspects.

#### Web app :

<https://cift.res.in/>

#### Mobile app:

[https://play.google.com/store/apps/details?id=in.res.cift.icar\\_cift&hl=en](https://play.google.com/store/apps/details?id=in.res.cift.icar_cift&hl=en)



## CIFTFISHPRO

### ABOUT

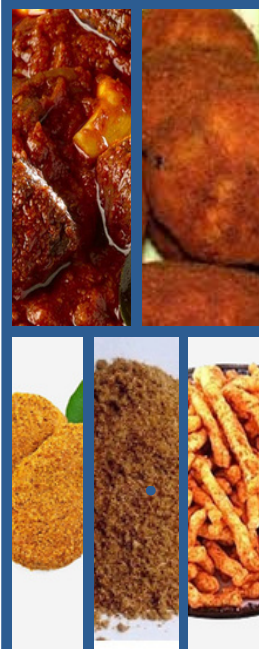
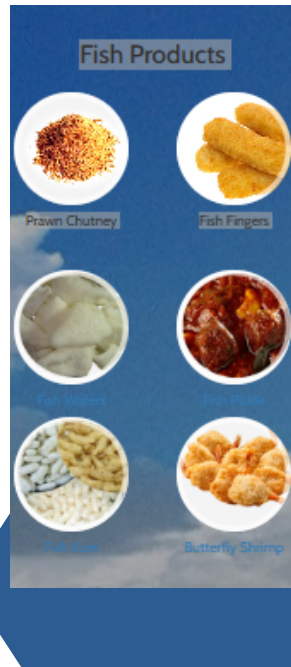
- ▶ 'CIFTFISHPRO' provides information on series of value added fish products with detailed description.
- ▶ Help the user to upscale the production of each product by automatically calculating the ingredients requirement for a given quantity of raw fish.
- ▶ Option to the user to enter the input cost of the ingredients.
- ▶ Give a broad idea about the total cost incurred while up-scaling the production of the product.
- ▶ Available in the form of web and mobile applications.

#### Web app:

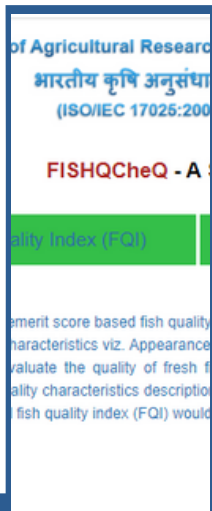
▶ <https://ciftfishpro.cift.res.in/>

#### Mobile app:

▶ [https://cift.res.in/ciftfishpro\\_app/index.php](https://cift.res.in/ciftfishpro_app/index.php)



## A System to Assess the Quality of Fish



## Fish Quality Index System (FISHQCheQ)

### ABOUT

- 🐟 A modified demerit score based fish quality index (FQI) system for assessing/ evaluating quality/ freshness of fresh fish.
- 🐟 Provides instructions for evaluating the quality and freshness of fish which helps the consumer to check/ evaluate the quality of fresh fish instantly.
- 🐟 Helps to evaluate the quality of fish in terms of quality characteristics description, and to select appropriate demerit score given in the score sheet.
- 🐟 Compute automatically the final fish quality index (FQI) score along with the quality description of fish.

### Web app:

🐟 <https://fishqcheq.cift.res.in/>

### Mobile app:

🐟 <https://play.google.com/store/apps/details?id=com.cift.fishqcheq&hl=en-IN>

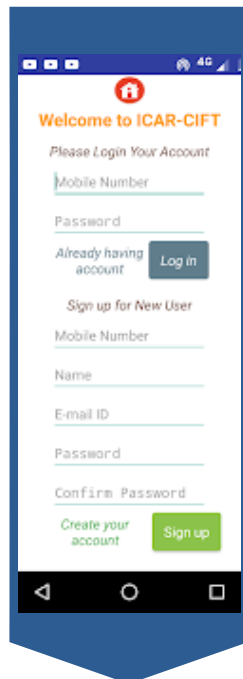
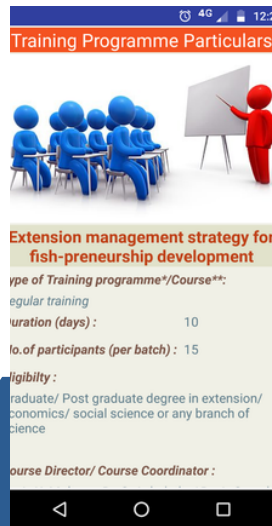
## CIFTraining Mobile App

### ABOUT

- Helps the stakeholders to search the training of their interest offered by ICAR-CIFT.
- Provides the training programme details like course contents, course fee, duration, eligibility and other facilities at fingertips
- The stakeholder can opt for right training programme for improving the technical knowledge and skill in the concerned field.
- Can apply for the training programme through online registration mode.




### Mobile app:

[https://play.google.com/store/apps/details?id=com.vcsecon.CIFT\\_Training\\_new](https://play.google.com/store/apps/details?id=com.vcsecon.CIFT_Training_new)



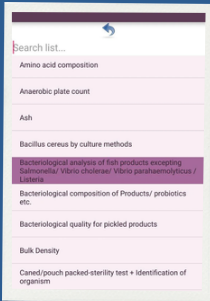
## CIFT Lab Test Mobile App

### ABOUT

-  Gives information related to different types of sample testing within the scope
-  Information on analysis of various fish and fish based products, fishing information on gear materials, packaging materials, microbiological parameters, quality parameters of ice and water samples etc.
-  Offers information on quantity of sample required and time required for test report and cost particulars etc.



Sample Testing and Analysis



### Mobile app:

 [https://play.google.com/store/apps/details?id=com.vcsecon.CIFT\\_Lab\\_Test](https://play.google.com/store/apps/details?id=com.vcsecon.CIFT_Lab_Test)

# FISH BYPRODUCTS

## ABOUT

- Provides information on value added fish byproducts .
- Gives detailed information about the ingredients required and method of preparation.
- A query form to raise the queries

Web app:

 <https://byproducts.cift.res.in/>

Research - CENTRAL INSTITUTE OF FISH AND FISHERY RESEARCH  
अनुसंधान परिषद - केन्द्रीय मात्स्यिक अनुसंधान परिषद  
17025:2005 NABL accredited & ISO 9001:2015 certified  
INFORMATION SYSTEM ON CIFT FISHERY BYPRODUCTS  
HOME ABOUT BYPRODUCTS

### CIFT Value Added Fish

of fish and fishery products. In the world, in the year 2010, approximately 1.5 million tonnes of fish and fishery products were exported by India. Approximately 0.3 million tonnes of fish and fishery waste (aquatic food waste) is generated each year. The aquatic food waste generated can be used in other industries like agriculture and food industry, which is essential that these wastes to be used to protect the environment.

derived from aquatic food waste are fish meal and oil, fish liver paste, muscle protein and their derivatives, fish bone meal, fish manure and fish waste based fertilizers, fish soluble

CIFT Value  
Added Fish  
Byproducts





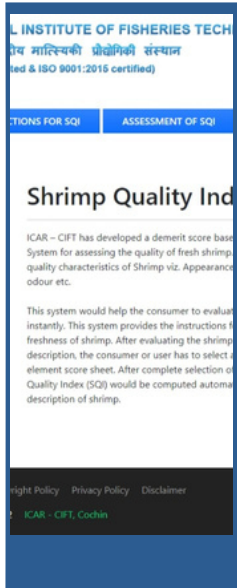
## Shrimp Quality Index

### ABOUT

- A modified demerit score based Shrimp Quality Index (SQI) System for assessing the quality of fresh shrimp
- Considers the five general quality characteristics of Shrimp viz. Appearance of shrimp outer surface, colour, odour etc.
- Provides the instructions for evaluating the quality/freshness of shrimp.
- Provision to select appropriate score given in the demerit score sheet.
- Computes final Shrimp Quality Index (SQI) score automatically and provided the quality description of shrimp.

Web app:

➤ <https://sqi.cift.res.in/>



## Social media accounts

ICAR-CIFT disseminates the information to the users and stakeholders through different social media platforms. ICAR-CIFT has twitter, Facebook, Instagram and YouTube channel as social media accounts.



Twitter

<https://twitter.com/icarcift>



Facebook

<https://www.facebook.com/people/ICAR-Central-Institute-of-Fisheries-Technology/100064393313978/>



YouTube channel

[https://www.youtube.com/channel/UCDY-OhwOOIPRvn41Lyo9SbQ?view\\_as=subscriber](https://www.youtube.com/channel/UCDY-OhwOOIPRvn41Lyo9SbQ?view_as=subscriber)



Instagram

<https://www.instagram.com/icarcift/>





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