

**Application form for participation in  
Workshop cum Training**  
(To be sent to Dr B.K.Mishra,  
Convener of the Workshop)

Full name (in block letters).....  
Designation.....  
Address (in block letters with Email ID).....  
Permanent address.....  
Present employer and address  
(If applicable) .....  
Date of Birth.....  
Sex: Male/Female:.....  
Experience:.....  
Marital status: Married/unmarried  
Demand draft no..... dated.....of Rs. 1200/-  
for registration of application.....  
Qualifications(Graduation onwards).....  
Signature of the applicant and date.....  
Recommendations of forwarding institute.....

**Declaration**

Certified that the information furnished is true to  
my best of knowledge and belief

Signature of the Candidate

*For details please contact*

**Ambekar E. Eknath, Ph.D.**

*Director*

Central Institute of Freshwater Aquaculture  
Kausalyaganga, Bhubaneswar, Orissa

Tel: 0674 2465421, Fax 0674 2465407

E. mail: cifa@ori.nic.in; Website: [www.cifa.in](http://www.cifa.in)

**Workshop cum Training**  
**on**

**Concepts of HACCP and its  
Application in Aquaculture**

**09-11 November 2010**



*Organized by*



**Central Institute of Freshwater Aquaculture  
Kausalyaganga, Bhubaneswar, Orissa**

## Introduction

The Central Institute of Freshwater Aquaculture (CIFA) under the administrative control of the Indian Council of Agricultural Research (ICAR) has been striving for the development of freshwater aquaculture of the country through planning, conducting and coordinating research, education and training on all aspects of freshwater aquaculture. Over 23 years of its existence, the institute has developed several epoch-making technologies that it can be proud of. Development of technology of induced breeding, seed production, culture of carps, freshwater prawn and catfish; fish stock improvement through genetic and biotechnological tools; culture of freshwater pearls and ornamental fishes; therapeutics, diagnostics, etc. are just a few to name.

Fish Health Management Division (FHM) of the Institute caters to diagnosis and treatment of various types of diseases of freshwater fishes. Various serological and molecular techniques have been developed by the Institute. Antigenic characterization of *A. hydrophila*, *E tarda* and *P flurescens* were done to develop immunodiagnosics for these infections in fishes. Molecular based diagnostics for bacterial pathogens, *MrNV*, KHV have also been developed. Recently, there are thrust on BMP, GAP and GMP in aquaculture for which HACCP programme is important. It is constant endeavour of the Division to produce quality fish at each stage of its production process. The Division is aiming to set guidelines for effective management practices for disease control through introduction of HACCP programme. In this context, the FHM

Division of CIFA is organizing a workshop cum Training programme on the concepts and application of HACCP in freshwater aquaculture, during 9-11 Nov. 2010 at CIFA. The objectives of the workshop are to:

- a) Introduce the HACCP concept, its relevance and applications in aquaculture
- b) The concepts of BMP, GAP and GHP in Aquaculture
- c) Serological and molecular diagnostic tools
- d) HACCP in process industry

## Who can apply

Scientists/Technical officer of ICAR Institutes, SAUs, Processing plants, private aquaculture entrepreneurs, Personnel from shrimp hatchery and SMS of KVKs, University teacher and aquaculture professionals.

## How to apply

Eligible and interested participants are requested to send their nomination/application in the given format to the Convener within 20/10/2010 along with a non-refundable fee of Rs. 1200/- (Rupees one thousand two hundred only) in the form of Demand Draft drawn in favour of 'ICAR Unit CIFA' payable at SBI, Kausalyaganga (8874), Bhubaneswar.

## Travel

The participants will bear their own travel cost.

## Accommodation and Food

Accommodation and food would be provided to the participants in the Trainee's Hostel of CIFA on payment basis.

## Last date for Application

20 October, 2010

## Convener

**Dr B. K. Mishra**  
Pr. Scientist & Head,  
Fish Health Management Division  
Central Institute of Freshwater Aquaculture  
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## Co Convener

Dr P. Swain, Sr. Scientist  
Dr B. K. Das, Sr. Scientist  
Fish Health Management Division  
Central Institute of Freshwater Aquaculture  
Kausalyaganga, Bhubaneswar  
Orissa, INDIA