



ICAR – CIFA Invites Applications for ASCI- Skill Development Programme for “Aquatic Animal Health Laboratory Assistant”



Applications are invited for the ICAR sponsored **One month** Training programme for “**Aquatic Animal Health Lab. Assistant** ” at ICAR- Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar from Dt. 20.2.2020 to Dt. 20.03.2020, sponsored by **Agriculture Skill Council of India (ASCI), New Delhi.**

Name of the Course	Duration	Minimum Qualification	Minimum Age	Intake capacity
Aquatic Animal Health Lab. Assistant	One month	5th pass	18	20

Course fees: Nil

Boarding and lodging: Sponsored by the institute

How to apply: Interested candidates may send their application in the format given below with attested copies of all necessary documents and two colour photographs, to the Training Cell, ICAR- Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar latest by 15.02.2020 (through post/mail or by hand).

Selection Criteria: The selection will be based on first come first served basis. However, The institute reserves the right to select/reject the candidature.

ASCI Model Curriculum : Aquatic Animal Health Lab Assistant

(REF ID: AGR/Q4911, v1.0; NSQF LEVEL: 4)

Course Content:

1. Introduction to the course (T : 10, P:20)

- Understand general discipline in the laboratory.
- Study the importance and scope of Aquatic animal health in Fisheries sector.

- Understand the role of Aquatic Animal Health Lab Assistant and progression pathways.
- Familiarize with the common diseases in fin and shell fishes, health parameters, disease causing agents and prevention methods.
- Familiarize with the common microorganisms causing diseases in fishes, maintenance of stock culture, samples and live specimens.
- Familiarize with different equipments used in aquatic animal health lab

2. Prepare and maintain work area for lab testing (T: 10; P: 36)

- Maintain and clean the work area by using the approved sanitizers/disinfectants and make it dust/germ free
- Familiarize with the types of disinfectants/sanitizers which can be used in aquatic animal health lab and its purpose
- Maintain lab equipment, their operation, calibration and cleaning methods

3. Prepare for carrying out basic laboratory operations (T: 20, P: 70)

- Maintain lab inventory
- Maintain of live specimens, samples and stock cultures.
- Perform basic soil and water quality tests.
- Perform sample collection from soil, water, infected fishes/shrimps
- Prepare various media for culture of microorganisms
- Prepare microbiological plates and slants.
- Prepare histological slides
- Undertake maintenance of cultures and disposal procedures
- Maintain stock cultures
- Make large culture populations of strains
- Maintain Experimental animals
- Understand the biological nature of microorganisms.
- Perform microbiological, histological lab tests and confirm results
- Prepare report of lab results systematically
- Suggest treatment options based on test results

4. Maintain health and safety at work place (T: 10; P : 24)

- Familiarize with the basic checks before operation of the equipments and its calibration.
- Identify different works for which protective clothing is required.
- Identify the microbiological hazards and ensure bio-safety levels
- Familiarize with the waste disposal procedures as per SOPs and industry

requirements

- Familiarize with the procedures to be followed in emergency situations and necessary actions to be taken
- Understand basic first aid procedures
- Understand about precautionary measures to be undertaken and Do's and Don'ts in the lab premises
- Maintain record data in log books

Training Outcomes:

After completing this programme, participants will be able to:

- Maintain an Aquatic animal health lab by preparing and maintaining work area, lab equipment and lab supplies inventory.
- Understand basic laboratory operations like maintaining stock cultures, samples and the live specimens and carry out basic tests
- Maintain health and safety at work place and also will be able to render appropriate emergency procedures
- Understand to handle regulatory protocols and ensure compliance of all safety regulations.

Theory Duration : 50:00 Hrs; Practical Duration : 150 hrs; Total Duration: 200 hrs,

Important dates: Last date of application submission: 15.02.2020

Course starting date: 20.02.2020

For any further query please contact:

Dr. S.S.Mishra

Head, FHMD & Course Director

ICAR- Central Institute of Freshwater Aquaculture

Kausalyaganga, Bhubaneswar-751002, ODISHA, INDIA

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FORMAT FOR APPLICATION
ASCI-Skill Development Programme for
Aquatic Animal Health Lab. Assistant
ICAR- Central Institute of Freshwater Aquaculture
Kausalyaganga, Bhubaneswar

Pass post
size photo

1. Name of the Applicant :	
2. Father's Name :	
3. Date of Birth :	
4. Sex :	
5. Permanent Address:	
6. Category (SC/ST/OBC/ Gen):	
7. Educational Qualification :	
8. Nationality :	
9. Mobile number :	
10. AADHAR Number	

Self-Declaration:

I do hereby declare that the information given in this application is true and complete to the best of my knowledge & belief.

Place:

Signature of Applicant:

Date: