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.

<table>
<thead>
<tr>
<th>Name of the Course</th>
<th>Duration</th>
<th>Minimum Qualification</th>
<th>Minimum Age</th>
<th>Intake capacity</th>
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<tbody>
<tr>
<td>Aquatic Animal Health Lab. Assistant</td>
<td>One month</td>
<td>5th pass</td>
<td>18</td>
<td>20</td>
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**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 approve 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
Train your skills:

- 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
Mob: 7894281261, Email: ssmishra60@gmail.com
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: