

**Semester Pattern: 2024-25**  
**Instructions to submit Fourth Semester Assignments**

1. Following the introduction of semester pattern, it becomes **mandatory for candidates to submit assignment for each course.**
2. Assignment topics for each course will be displayed in the A.U, CDOE website (**[www.audde.in](http://www.audde.in)**).
3. Each assignment contains 5 questions and the candidate should answer all the 5 questions. Candidates should submit assignments for each course separately. (5 Questions x 5 Marks =25 marks).
4. Answer for each assignment question should not exceed 4 pages. Use only A4 sheets and write on one side only. **Write your Enrollment number on the top right corner** of all the pages.
5. Add a template / content page and provide details regarding your Name, Enrollment number, Programme name, Code and Assignment topic. Assignments without template / content page will not be accepted.
6. Assignments should be handwritten only. Typed or printed or photocopied assignments will not be accepted.
7. **Send all Fourth semester assignments in one envelope.** Send your assignments by Registered Post to The Director, Centre for Distance and Online Education, Annamalai University, Annamalai Nagar – 608002.
8. Write in bold letters, “**ASSIGNMENTS – FOURTH SEMESTER**” along with PROGRAMME NAME on the top of the envelope.
9. Assignments received after the **last date with late fee** will not be evaluated.

**Date to Remember**

Last date to submit Fourth semester assignments : **15.04.2025**  
Last date with late fee of Rs.300 (three hundred only) : **30.04.2025**

**Dr. T. SRINIVASAN**  
Director

# **ZOOLOGY WING**

## **Assignment Questions**

### **M.Sc. Zoology, II – Year, IV – Semester**

#### **021E2410-Fisheries & Aquaculture**

1. Explain the feeding habits of important edible fishes.
2. Describe the major diseases in cultivable fishes and their treatments.
3. Explain the culture method of freshwater prawn macrobranchium.
4. Discuss the types of ponds and its maintenance and management.
5. Explain the types of fishing glands and fish preservative techniques.

#### **021E2420-Evolution**

1. Write an essay on Lamarkism and Neo Lamarkism.
2. Explain the mechanism and types of isolation.
3. Discuss the evolutionary significance of polymorphism.
4. Define mimicry, Explain the types of mimicry in evolution.
5. Describe the cultural and social evolution.

#### **021E2430-Animal Behaviour**

1. Explain the principle and mechanism of animal behaviour.
  2. Write an essay on migration of birds and its mechanism.
  3. Write a detailed account on parental care in fishes and birds.
  4. Discuss the recent discoveries in animal behaviour
  5. Describe the feeding behaviours of animals
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