

Semester Pattern: 2025-26 [JANUARY SESSION]
Instructions to submit Third 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).
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 Third 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 – THIRD 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 Third semester assignments : 15.04.2026
Last date with late fee of Rs.300 (three hundred only) : 30.04.2026

Dr. S.ARULSELVI
Director

Assignment Questions

M.Sc. Zoology, second year, III – semester

021E2310 : Biotechnology

1. Give an account on various enzymes used in genetic engineering.
2. Elaborate human genome project.
3. Discuss transgenic animals and plants, their advantages and disadvantages.
4. Explain the concept of bioreactors giving examples.
5. Summarize the advantages and methods of biogas production.

021E2320 : Immunology

1. Summarize the HLA system.
2. Give a detailed account on the primary and secondary lymphoid organs.
3. Elaborate the factors affecting immunogenicity.
4. Illustrate the basic structure of immunoglobulin.
5. Compare Radio Immuno Assay (RIA) and Enzyme Linked Immunosorbent Assay (ELISA).

021E2330 : Environmental Biology and Toxicology

1. Write an essay on Conventional and non conventional sources of energy.
2. Discuss the causes, impacts and remedial measures of air pollution.
3. Summarize the concept, objectives and types of environmental education.
4. Elaborate the methods of determination of Acute and Chronic toxicity tests.
5. Give an account on absorption, distribution, storage and excretion of toxicants.