

Semester Pattern: 2024-25

Instructions to submit Second 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 Second semester assignments in one envelope.** Send your assignments by Registered Post to The Director, Center for Distance and Online Education, Annamalai University, Annamalai Nagar – 608002.
8. Write in bold letters, “**ASSIGNMENTS – SECOND 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 Second semester assignments : **15.04.2025**

Last date with late fee of Rs.300 (three hundred only) : **30.04.2025**

Dr. T. SRINIVASAN
Director

CENTRE FOR DISTANCE AND ONLINE EDUCATION

S792 – M.Sc. MICROBIOLOGY

FIRST YEAR – II SEMESTER

ASSIGNMENT TOPICS

792E1210: GENETIC ENGINEERING.

1. Give a detailed note on viral vectors.
2. Brief notes on Agrobacterium mediated gene transfer.
3. Explain in detail about cDNA cloning.
4. Describe about DNA sequencing.
5. Write an essay on recombinant vaccines.

792E1220: FOOD AND DAIRY MICROBIOLOGY.

1. Brief account on types of microorganisms in food.
2. Give a brief notes on fermented vegetables and cereals.
3. Give an elaborate notes on spoilage and preservation of cereals and cereals products.
4. Describe about sea food toxicants.
5. Explain about food preservations.

792E1230: IMMUNOLOGY.

1. Brief notes on types of immunity.
2. Write a brief notes on immunoglobulins structure and types.
3. Describe about RIA.
4. Classify Major Histocompatibility structure and function.
5. Explain in detail about Autoimmune disorders.