

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, Centre 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 : 01.11.2025
Last date with late fee of Rs.300 (three hundred only) : 15.11.2025

**DIRECTOR
CDOE**

CENTRE FOR DISTANCE AND ONLINE EDUCATION
S792 - M.Sc. MICROBIOLOGY
FIRST YEAR – II SEMESTER (2025 – 2026)
ASSIGNMENT QUESTION

792E1210: GENETIC ENGINEERING

1. Elaborate notes on basic steps in cloning.
2. Explain about the Agrobacterium mediated gene transfer.
3. Discuss about the genomic & cDNA cloning.
4. Explain about the principles and applications of PCR.
5. Elaborate notes on recombinant vaccines.

792E1220: FOOD AND DAIRY MICROBIOLOGY

1. Explain about the types of microorganisms in food.
2. Discuss about the Single Cell Protein.
3. Elaborate notes on spoilage and preservation of vegetables and fruits.
4. Discuss about Sea food toxicants.
5. Explain about the Good Manufacturing Practices.

792E1230: IMMUNOLOGY

1. Discuss about the cell receptors and functions of T-cell.
2. Elaborate notes on Immunoglobulin structure and its types.
3. Explain about Monoclonal antibodies.
4. Discuss about the Complement system.
5. Explain about autoimmune disorders.