

  
**ANNAMALAI UNIVERSITY**

(Accredited with 'A++' Grade by NAAC)

CENTRE FOR DISTANCE AND ONLINE EDUCATION

Annamalainagar – 608 002

**Semester Pattern: 2025-26**

**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](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 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 : 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**  
**SECOND YEAR – III SEMESTER (2025 – 2026)**  
**ASSIGNMENT QUESTION**

**792E2310: SOIL & AGRICULTURAL MICROBIOLOGY**

1. List out the physical and chemical properties of soil.
2. Explain about the role of microorganism in Nitrogen cycle.
3. Elaborate notes on VAM.
4. Discuss about the TMV and CMV.
5. Explain about the steps in mass production of Rhizobium.

**792E2320: MEDICAL MICROBIOLOGY**

1. Elaborate notes on normal microflora.
2. Explain about the morphology, cultural characteristics, epidemiology, pathogenicity, symptoms, laboratory diagnosis, prevention and treatment of *Mycobacterium tuberculosis*.
3. Discuss about the lifecycle, pathogenicity, laboratory diagnosis, prevention and treatment of Hepatitis A
4. Explain about mycotoxin.
5. Elaborate notes on anti-parasitical drugs.

**792E2330: MICROBIAL BIOTECHNOLOGY**

1. Explain about the blood products therapeutic enzymes.
2. Discuss about the regulatory aspects of Quality control and Quality Assurance.
3. Elaborate notes on biogas plants construction.
4. Explain about the renewable and non-renewable energy.
5. List out the principle, types and application of biosensor.