

**Semester Pattern: 2024-25**

**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, Center 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 : **15.04.2025**

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**

### **SECOND YEAR – III SEMESTER**

#### **ASSIGNMENT TOPICS**

##### **792E2310: SOIL & AGRICULTURAL MICROBIOLOGY.**

1. Write an essay on soil as an environment for microorganisms.
2. Brief notes on role of microorganisms in nitrogen cycle.
3. Describe about mycorrhizae.
4. Explain in detail on entomopathogenic fungi.
5. Give a detailed note on phosphate solubilizing bacteria.

##### **792E2320: MEDICAL MICROBIOLOGY.**

1. Explain in detail about normal microflora.
2. Give a brief notes on characteristics, Pathogenicity, lab diagnosis, prevention and treatment of *Bacillus anthracis*.
3. Describe in detail about Ebola virus.
4. Brief account on superficial mycosis.
5. Give an elaborate notes on *Entamoeba histolytica*.

##### **792E2330: MICROBIAL BIOTECHNOLOGY.**

1. Give an elaborate notes on multivalent subunit vaccines.
2. Write a brief notes on regulatory aspects of quality control.
3. Explain in detail about classification of biogas.
4. Brief notes on utilization of biomass for energy production.
5. Describe about biosensor.