


A N N A M A L A I U N I V E R S I T Y

(Accredited with 'A+' Grade by NAAC)

CENTRE FOR DISTANCE AND ONLINE EDUCATION

Annamalainagar – 608 002

Semester Pattern: 2024-25

Instructions to submit First 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 First 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 – FIRST 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 First semester assignments : 20.11.2024

Last date with late fee of Rs.300 (three hundred only) : 30.11.2024

Dr. T.SRINIVASAN
Director

CENTRE FOR DISTANCE AND ONLINE EDUCATION
S792 - M.Sc. MICROBIOLOGY
FIRST YEAR – FIRST SEMESTER (2024-2025)
ASSIGNMENT TOPICS

792E1110: GENERAL MICROBIOLOGY

1. Write an essay on history and scope of Microbiology.
2. Give a detailed note on types of microscope.
3. Brief notes on general characteristic of cyanobacteria & Spirochaetes.
4. Explain in detail about antibiotics mode of action.
5. Describe type culture collections.

792E1120: MICROBIAL PHYSIOLOGY AND METABOLISM

1. Give an elaborate note on factors affecting bacterial growth.
2. Describe about synthesis of bacterial cell transport mechanisms.
3. Brief account on photosynthetic bacteria and green algae.
4. Explain about calvin & TCA cycle.
5. Give a brief notes on sporulation in bacteria.

792E1130: MICROBIAL GENETICS & MOLECULAR BIOLOGY

1. Describe about eukaryotic genome.
2. Write a brief notes on DNA replication.
3. Explain in detailed about steps in transcription.
4. Brief account on steps in translation.
5. Classify in detail about bacterial conjugations.