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: 2025-26 [JANUARY SESSION]

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**).
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 : 15.04.2026
Last date with late fee of Rs.300 (three hundred only) : 30.04.2026

Dr. S.ARULSELVI
Director

Assignment Topics (2025 -2026)

PROGRAMME: M.Sc., Microbiology (Two years) YEAR: II / SEM : III

792E2310 : Soil & Agricultural Microbiology

1. Explain the microbial interactions.
2. Discuss the biochemistry of nitrogen fixation.
3. Elaborate notes on symbiotic nitrogen fixation.
4. Compare and contrast the bacterial, viral, and fungal pesticides.
5. Explain the steps in the mass production of cyanobacterial biofertilizers.

792E2320 : : Medical Microbiology

1. List out the collection methods and transport of clinical specimens.
2. Explain the morphology, cultural characteristics, epidemiology, pathogenicity, symptoms, laboratory diagnosis, prevention, and treatment of *Streptococcus pneumoniae*.
3. Discuss the lifecycle, pathogenicity, laboratory diagnosis, prevention, and treatment of Dengue.
4. Elaborate notes on morphology, taxonomy, and classification of fungi
5. Explain the morphology, life cycle, laboratory diagnosis, prevention, and treatment of *Giardia lamblia*.

792E2330 : Microbial Biotechnology

1. Discuss the products from vaccines using microbes.
2. Explain the GLP and CMP in the pharma industry.
3. Explain the classification of biofuels.
4. Elaborate notes on the hydrogen production.
5. List out the principles, types, production, and application of nanotechnology.