


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
S155 - M.Sc. COMPUTER SCIENCE
FIRST YEAR – FIRST SEMESTER (2024-2025)
ASSIGNMENT TOPICS

155E1110: DESIGN AND ANALYSIS OF ALGORITHMS

1. Elementary Data Structure: Stacks and Queues.
2. Merge sort and Quick sort.
3. Minimum cost spanning Trees.
4. Optimal Binary search Trees.
5. Hamiltonian cycles.

155E1120: ADVANCED WEB TECHNOLOGY

1. Explain the .NET Framework Learning the .Net Languages.
2. ASP.NET Applications.
3. Discuss in Database Binding and their types.
4. Explain the Architecture of web service.
5. Explain the Database Components.

155E1130: COMPILER DESIGN

1. The role of the lexical analyser.
2. The role of the Parser.
3. Applications of Syntax Directed translation.
4. Variants of Syntax Trees.
5. Optimization of Basic Blocks.

155E1140: ADVANCED JAVA PROGRAMMING

1. Explain the Map Interface and its classes with example.
2. Steps for Developing Applet P.
3. JDBC Classes and Interfaces.
4. Advantages of over Applets.
5. Functional Interface.

155E1170: ELECTIVE – I: SOFT SKILLS

1. Important of soft skills.
2. Meaning of effective Communication.
3. Strategies of good writing.
4. Typical Questions asked in Interview.
5. Leadership Qualities.