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)

DIRECTORATE OF DISTANCE EDUCATION

Annamalainagar – 608 002

Semester Pattern: 2023-24

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, DDE 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, Directorate of Distance 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 : **15.11.2023**

Last date with late fee of Rs.300 (three hundred only) : **30.11.2023**

Dr. T.SRINIVASAN

Director

S155-M.Sc. Computer Science
First Semester

(5 x 5 Marks =25 marks)

155E1110 - Course Title: Design and Analysis of Algorithms

1. Elementory 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 of Web Technology (5 x 5 Marks =25 marks)

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 (5 x 5 Marks =25 marks)

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 (5 x 5 Marks =25 marks)

1. Catalogue for Design Pattern.
2. Steps for Developing Applet Programs.
3. JDBC Classes and Interfaces.
4. Advantages of over Applets.
5. Functional Interface.

155E1170 - Soft Skills (5 x 5 Marks =25 marks)

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

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