LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Computer Science & Engineering - AIML

Course Outcomes

Student will be able to

CO. No.	Description
	Course Outcomes:C31—Mathematics-III(Probability & Statistics)(U21MA301)
C31.1	Determine Probability, Random variables, distributions and its application
C31.2	Apply the knowledge of some standard discrete probability distributions and moments
C31.3	Calculate parameters of standard continuous probability distributions
C31.4	Find the parameters and concepts of correlation, regression and obtain the knowledge of sampling Theory with context to test of hypothesis.
C31.5	Analyze and check the validity of statement using testing of hypothesis for various parameters and goodness of fit.

CO. No.	Description
	Course Outcomes:C32–Digital Electronics & Computer Organization (U21EC304)
C32.1	Understand the basic concepts of digital electronics
C32.2	Realization of Boolean functions using different methods
C32.3	Design and analyze various combinational circuit
C32.4	Analyze various types of flip flops with their excitation tables and their conversion
C32.5	To illustrate the operation of digital computer and to understand its organization.
C32.6	understand the Different memory types.

CO. No.	Description
	Course Outcomes: C33-- English For Technical Communication(U21EN301)
C33.1	Apply technical communication skills effectively
C33.2	Adapt different types of official correspondence
C33.3	Construct report writing using various techniques
C33.4	Develop adequate skills of manual writing
C33.5	Interpret the information transfer from verbal to non-verbal data and vice-versa

CO. No.	Description

	Course Outcomes:C34--Data Structures (U21CS302)
C34.1	Implement various data structures using arrays, linked lists
C34.2	Develop ADT necessary for solving problems based on Stacks and Queues
C34.3	Implement binary trees, general tree structures, advanced search trees, heaps, graphs.
C34.4	Implement hash functions and handle collisions.
C34.5	Implement various kinds of sorting techniques and apply appropriate techniques for solving a given problem.

CO. No.	Description
	Course Outcomes:C35 – Python Programming (U21CM301)
C35.1	Develop essential programming skills in computer programming concepts like data types, containers.
C35.2	Apply the basics of programming in the Python language.
C35.3	Solve coding tasks related conditional execution, loops.
C35.4	Acquire coding tasks related to the fundamental notions and techniques used in object oriented programming
C35.5	Write basic programs related to basic library modules.

Course Outcomes

Academic Year – 2022-2023   **Semester: V (OU)**

Student will be able to

CO. No.	Description
	Course Outcomes: C51--Compiler Design(PC501CSM)
C51.1	**Develop** the lexical analyzer for a given grammar specification,
C51.2	**Design** top-down and bottom-up parsers for a given parser specification,
C51.3	**Implement** Syntax-directed translation schemes and Symbol Table
C51.4	**Analyze** various types of Intermediate code forms and Runtime Environment
C51.5	**Develop** algorithms to generate code for target machine

CO. No.	Description
	Course Outcomes:C52--Artifical Intelligence(PC502CSM)
C52.1	**Formulate** a problem in the language/frame work of different AI methods
C52.2	**Illustrate** basic principles of AI in solutions that require problem solving, search, inference
C52.3	**Define** Natural language/English using Predicate Logic to build knowledge through various representation mechanisms
C52.4	**Demonstrate** understanding of steps involved in building of intelligent agents expert systems, Bayesian networks
C52.5	**Distinguish** between learning paradigms to be applied for an application

CO. No.	Description
	Course Outcomes:C53--Operating System(PC503CSM)
C53.1	**Explain** and compare the different types of OS , basic architectural component involved in OS design
C53.2	**Demonstrate** the differences between process and thread
C53.3	**Explain** and design different process scheduling algorithm
C53.4	**Understands** the use of process synchronization techniques to avoid deadlock.

CO. No.	Description
C53.5	**Demonstrate** the concept of memory management

CO. No.	Description
	Course Outcomes:C54--Web & Internet Technologies(PC504CSM)
C54.1	**Understand** the concepts of HTML and CSS
C54.2	**Acquire** the knowledge to build AJAX based applications using Java script.
C54.3	**Understand** and apply the concepts of servlet framework.
C54.4	**Implemen**t JSP to build interactive web applications.
C54.5	**Acquire** the knowledge of database connectivity in web applications

CO. No.	Description
	Course Outcomes:C55--Speech And Natural Language Processing(PC505CSM)
C55.1	**Appreciate** the fundamental concepts of Natural Language Processing.
C55.2	**Label** a given text with basic Language features
C55.3	**Apply** a rule based system to tackle morphology or syntax of a language
C55.4	**Design** a tag set to be used for statistical processing for real-time applications
C55.5	**Compare** and Contrast the use of different statistical approaches for different types of NLP applications.
C55.6	**Classify** various language phonetic analysis

CO. No.	Description
	Course Outcomes:C56–Object Oriented Analysis And Design(PC506CSM)
C56.1	**Understand** the UML and unified process.
C56.2	**Analyse** and **design t**he requirement through use case driven approach
C56.3	**Apply** object-based views for generic software systems.
C56.4	**Able** to Document the concepts of architectural design for mapping the code for software
C56.5	**Ability** to Analyze object-based views for generic software systems..