LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY
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Sy.No:32, Himayathsagar, Golconda Post, Near TSPA Junction, Hyderabad-500 091
Ph: 6309012442/43, Fax: 040-6625 3642, Website: www.lords.ac.in, Email: principal@lords.ac.in

Department of Information Technology

Course Name: Software Engineering (CS502PC)   **Year / Sem: III/ I**

CO. No.	Course Outcomes
CS502PC.1	Ability to translate end-user requirements into system andsoftware requirements, using UML, and structure the requirements in software Requirements Document.
CS502PC.2	Identifying appropriate software architectures and patternsto carry out high level design of a system.
CS502PC.3	Apply appropriate software architectures and patterns tocarry out high level design of a system and be able to critically compare alternative choices.
CS502PC.4	Will have experience and/or awareness of testing.
CS502PC.5	To solve the problem statement and will be able to developa simple testing report.

Course Name: Principles of Programming Languages (CS515PE)

Year / Sem: III/ I

CO. No.	Course Outcomes
CS515PE.1	Understand Basic Concepts of Programming Language
CS515PE.2	Express syntax and semantics in formal notation.
CS515PE.3	Get ability to apply suitable programming paradigm for theapplication
CS515PE.4	Gain knowledge and comparison of the featuresprogramming languages
CS515PE.5	Understand the basic concepts of Variables, Storage,Binding and Scope rules of different languages

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Course Name: DATA COMUNIATION AND COMPUTER NETWORKS (IT503PC)Year / Sem: III/I

CO. No.	Course Outcomes
IT503PC.1	**Explain & Design** the various reference models andnetworks
IT503PC.2	**Identify** the different types of network devices andMultiple Access Protocols
IT503PC.3	**Use** various routing mechanisms for finding shortestpath in the network
IT503PC.4	**Use** IP addressing Scheme and to interconnect variousnetworks
IT503PC.5	**Explain and use** various application layer protocols:HTTP, DNS, and SMTP,FTPetc

Course Name: WEB PROGRAMMING (IT504PC)   **Year / Sem: III/I**

CO. No.	Course Outcomes
IT504PC.1	Design web pages.
IT504PC.2	Use technologies of Web Programming.
IT504PC.3	Apply object-oriented aspects to Scripting.
IT504PC.4	Create databases with connectivity using JDBC
IT504PC.5	Build web-based application using sockets.

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Course Outcomes: Machine Learning (IT523PE)   **Year / Sem: III/I**

CO. No.	Course Outcomes
IT523PE.1	Understand the concepts of computational intelligence like machine Learning
IT523PE.2	Ability to get the skill to apply machine learning techniques to address the real time problems in different areas
IT523PE.3	Understand the Neural Networks and its usage in machine learning application.
IT523PE.4	Understand computational learning theory
IT523PE.5	To study the pattern comparison techniques
IT523PE.6	Illustrate the working of classifier models like SVM, NeuralNetworks and identify classifier model for typical machine learning applications.

Course Outcomes: Machine Learning (CS501PC)   **Year / Sem: III/I**

CO. No.	Course Outcomes
CS501PC.1	Understand the concept of abstract machines and their power to recognize the languages.
CS501PC.2	Employ finite state machine for modeling and solving computing problems.
CS501PC.3	Design context free grammars for formal languages.
CS501PC.4	Distinguish between decidability and undesirability.
CS501PC.5	Gain proficiency with mathematical tools and formal methods

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Course Name: Software Engineering Lab (CS505PC)   Year / Sem: III/ I

CO. No.	Course Outcomes
CS505PC.1	Ability to translate end-user requirements into system andsoftware requirements
CS505PC.2	Ability to generate a high-level design of the system fromthe software requirements
CS505PC.3	Apply appropriate software architectures and patterns tocarry out high level design of a system and be able to critically compare alternative choices.
CS505PC.4	Will have experience and/or awareness of testing problemsand will be able to develop a simple testing report
CS505PC.5	To solve the problem statement and will be able to developa simple testing report.

Course Name: Computer Networks & Web Programming Lab (IT506PC)

Year / Sem: III/ I

CO. No.	Course Outcomes
IT506PC.1	Implement data link layer farming methods
IT506PC.2	Analyze error detection and error correction codes.
IT506PC.3	Implement and analyze routing and congestion issues innetwork design.
IT506PC.4	Implement Encoding and Decoding techniques used in presentation layer.
IT506PC.5	To be able to work with different network tools

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Course Name: Data Structures (PC221IT)   **Year / Sem: II/ I**

CO. No.	Course Outcomes
PC221IT.1	Implement linear, non-linear data structures and balancedbinary trees
PC221IT.2	Understand the basic data structures arrays and linked lists.
PC221IT.3	Analyse time complexity of both iterative and recursivefunctions.
PC221IT.4	Define ADT necessary for solving problems based on Stacks and Queues.
PC221IT.5	Develop solutions using binary trees, advanced searchtrees, tries and graphs.

Course Name: Mathematical Foundations of Information Technology (PC222IT)   **Year / Sem: II/ I**

CO. No.	Course Outcomes
PC222IT.1	Illustrate by examples the basic terminology of functions,relations, and sets and demonstrate knowledge of their associated operations.
PC222IT.2	Understand basics of counting, apply permutations andcombinations to handle different types of objects.
PC222IT.3	Describe and use recursively-defined relationships tosolve problems using generating functions.
PC222IT.4	Analyse semi group, monoid group and abelian groupwith suitable examples and appreciate group theory applications in computer arithmetic.
PC222IT.5	Demonstrate in practical applications the use of basiccounting principles of permutations, combinations, inclusion/exclusion principle and thepigeonhole methodology.

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Course Name: Data Structures Lab (PC252IT)   **Year / Sem: II/ I**

CO. No.	Course Outcomes
PC252IT.1	Implement various data structures using arrays, linked lists.
PC252IT.2	Develop ADT necessary for solving problems based onStacks and Queues.
PC252IT.3	Implement binary trees, general tree structures, advancedsearch trees, heaps, graphs.
PC252IT.4	Implement hash functions and handle collisions.
PC252IT.5	Implement various kinds of sorting techniques and applyappropriate techniques for solving a given problem.

Course Name: IT Workshop Lab (PC253IT)   **Year / Sem: II/ I**

CO. No.	Course Outcomes
PC253IT.1	Implement basic syntax in python.
PC253IT.2	Analyse and implement different kinds of OOP concept in realworld problems.
PC253IT.3	Implement MATLAB operations and graphic functions.
PC253IT.4	Implement object oriented concepts,
PC253IT.5	Implement database and GUI applications