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 OUTCOMES (CO)
II-I SEMESTER

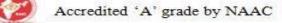**Course Name: ANALOG ANDDIGITALELECTRONICS (CS301ES)**   **Year / Sem: II / I**

	Course Outcomes
CS301ES.1	Able to understand the Design and analyse small signalamplifier circuits
CS301ES.2	Ability to understand Postulates of Boolean algebra and tominimize combinational functions
CS301ES.3	Ability to understand Design and analyze combinational andsequential circuits
CS301ES.4	Ability to understand logic families and realization of logicgates.
CS301ES.5	Ability to write techniques for the design of digital circuitsand fundamental concepts used in the design of digital

Course Name: Data Structures (CS302PC)   **Year / Sem: II / I**

	Course Outcomes
CS302PC.1	Ability to choose appropriate data structures to represent dataitems in real world
CS302PC.2	Ability to analyze the time and space complexities of Algorithms
CS302PC.3	Implement and know the application of algorithms for sorting andpattern matching.
CS302PC.4	Ability to design programs using a variety of data structures such as stacks, queues, hash tables, binary trees, search trees, heaps,graphs, and B-trees.
CS302PC.5	Implement ADTs such as lists, graphs, search trees in C++ to solve problems

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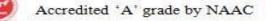Ph: 6309012442/43, Fax: 040-6625 3642, Website: www.lords.ac.in, Email: principal@lords.ac.in

Course Name: COMPUTER ORIENTED STATISTICAL METHODS (MA303BS) Year / Sem: II / I

MA303BS	Course Outcomes
MA303BS .1	**Apply** the concepts of probability and distributions to some casestudies
MA303BS .2	**Ability** to use sampling theory and testing of hypothesis andmaking inferences
MA303BS .3	**Ability** to analyze and solve Stochastic process and Markovchains.
MA303BS .4	**Ability** to Correlate the material of one unit to the material inother units
MA303BS .5	**Ability** to apply probability distributions of single and multiplerandom variables

Course Name: COMPUTERORGANIZATION AND MICRO PROCESSOR(IT304PC)
Year / Sem: II / I

	Course Outcomes
CS304PC.1	Able to understand the basic components and the design ofCPU, ALU and Control Unit.
CS304PC.2	Ability to understand memory hierarchy and its impact oncomputer cost/performance
CS304PC.3	Ability to understand the advantage of instruction level parallelism and pipelining for high performance Processordesign
CS304PC.4	Ability to understand the instruction set, instruction formatsand addressing modes of 8086
CS304PC.5	Ability to write assembly language programs to solveproblems.

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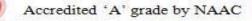
Course Name: OBJECT ORIENTED PROGRAMMING USING C++ (CS305PC) **Year / Sem: II / I**

	Course Outcomes
CS305PC.1	Introduces Object Oriented Programming concepts using the C++ language
CS305PC.2	Understanding the principles of data abstraction, inheritance and polymorphism
CS305PC.3	Apply the principles of virtual functions andpolymorphism.
CS305PC.4	Analyzing the handling formatted I/O and unformatted.
CS305PC.5	Evaluate the I/O Introduces exception handling.

Course Name: ANALOG AND DIGITAL ELECTRONICS LAB (CS306ES) **Year/Sem:II/I**

	Course Outcomes
CS308PC.1	Know the characteristics of various components.
CS308PC.2	Understand the utilization of components.
CS308PC.3	Design and analyze small signal amplifier circuits.
CS308PC.4	Postulates of Boolean algebra and to minimizecombinational functions
CS308PC.5	Design and analyze combinational and sequential circuits

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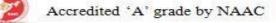Ph: 6309012442/43, Fax: 040-6625 3642, Website: www.lords.ac.in, Email: principal@lords.ac.in

Course Name: DATA STRUCTURES LAB(CS307PC)   **Year / Sem: II / I**

	Course Outcomes
CS308PC.1	Ability to develop C programs for computing and real-lifeapplications using basic elements like control statements
CS308PC.2	Ability to develop C programs using arrays, functions,pointers and strings.
CS308PC.3	Data structures like stacks, queues and linked lists
CS308PC.4	Ability to Implement searching and sorting algorithms
CS308PC.5	Evaluate the searching and sorting.

Course Name: IT WorkShop MICROPROCESSOR LAB (IT308PC)   **Year / Sem: II / I**

	Course Outcomes
CS308PC.1	Ability to identify the peripherals of a computer and Installation of system software.
CS308PC.2	Ability to disassemble and assemble the PC back toworking condition.
CS308PC.3	Evaluate the Local Area Network and access the Internet.
CS308PC.4	Analyze and create power point presentation
CS308PC.5	Apply the ideas in web browsers, email, newsgroups and Discussion forums.

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Course Name: C++ PROGRAMMING LAB (CS309PC)   **Year / Sem: II / I**

	Course Outcomes
CS308PC.1	Codes basic programs in Java programming language.
CS308PC.2	Uses objects and classes.
CS308PC.3	Explains and handles exceptions.
CS308PC.4	Writes multithreaded C++ programs.
CS308PC.5	Uses generic classes and methods.