

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KOE038</b>	<b>Subject Name: Electronics Engineering</b>	
<b>Course Outcomes</b>	Understand the concept of PN junction and special purpose diodes.	
	Study the application of conventional diode and semiconductor diode.	
	Analyze the I-V characteristics of BJT and FET.	
	Analyze the of Op-Amp, amplifiers, integrator, and differentiator.	
	Understand the concept of digital storage oscilloscope and compare of DSO with analog oscilloscope.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KAS301</b>	<b>Subject Name: Technical Communication</b>	
<b>Course Outcomes</b>	Students will be enabled to understand the nature and objective of Technical Communication relevant for the work place as Engineers.	
	Students will utilize the technical writing for the purposes of Technical Communication and its exposure in various dimensions.	
	Students would imbibe inputs by presentation skills to enhance confidence in face of diverse audience.	
	Technical communication skills will create a vast know-how of the application of the learning to promote their technical competence.	
	It would enable them to evaluate their efficacy as fluent & efficient communicators by learning the voice-dynamics.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KCS301</b>	<b>Subject Name: Data Structure</b>	
<b>Course Outcomes</b>	Describe how arrays, linked lists, stacks, queues, trees, and graphs are represented in memory, used by the algorithms and their common applications.	
	Discuss the computational efficiency of the sorting and searching algorithms.	
	Implementation of Trees and Graphs and perform various operations on these data structure.	
	Understanding the concept of recursion, application of	

	recursion and its implementation and removal of recursion
	Identify the alternative implementations of data structures with respect to its performance to solve a real-world problem.

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KCS302</b>	<b>Subject Name: Computer Organization and Architecture</b>	
<b>Course Outcomes</b>	Study of the basic structure and operations of a digital computer system.	
	Analysis of the design of arithmetic and logic unit and understanding of the fixed point and floating-point arithmetic.	
	Implementation of control unit techniques and the concept of pipelining.	
	Understanding the hierarchical memory system, cache memories and virtual memory.	
	Understanding the difference way of communication with I/O devices and standard I/O Interfaces.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KCS303</b>	<b>Subject Name: Discrete Structures &amp; Theory of Logic</b>	
<b>Course Outcomes</b>	Write an argument using logical notation and determine if the argument is or is not valid.	
	Understand the basic principles of sets and operations in sets.	
	Demonstrate an understanding of relations and functions and be able to determine their properties.	
	Demonstrate different traversal methods for trees and graphs.	
	Model problems in Computer Science using graphs and trees	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KCS351</b>	<b>Subject Name: Data Structure using C LAB</b>	
<b>Course Outcomes</b>	Remember and understand basic data structure concepts.	
	Apply the acquired knowledge to analyze different data structures.	
	Compare the existing solutions and propose new / alternate solutions for different algorithmic	

	problems.
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<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KCS352</b>	<b>Subject Name: Computer Organization Lab</b>	
<b>Course Outcomes</b>	Understand the operation of digital logic circuits and the organization of computer system in terms of its major components.	
	Design digital logic circuit for input/output, ALU and apply to computer organization and architecture.	
	Design digital logic circuit using RTL and control unit for SISC.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: ODD 2019-20</b>
<b>Subject Code: KCS353</b>	<b>Subject Name: Discrete Structure &amp; Logic Lab</b>	
<b>Course Outcomes</b>	Implement the concepts of set theory in C Language/Maple	
	Understand and Implement the concepts of discrete structures using C/Maple programming.	
	Implement the various applications of discrete structures using C/Maple.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KAS402</b>	<b>Subject Name: Mathematics-IV</b>	
<b>Course Outcomes</b>	The idea of partial differentiation and types of partial differential equations.	
	The idea of classification of second partial differential equations, wave , heat equation and transmission lines.	
	The basic ideas of statistics including measures of central tendency, correlation, regression and their properties.	
	The idea s of probability and random variables and various discrete and continuous probability distributions and their properties.	
	The statistical methods of studying data samples, hypothesis testing and statistical quality control, control charts and their properties.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KVE401</b>	<b>Subject Name: Universal Human Values and Professional Ethics</b>	
<b>Course Outcomes</b>	Understand the significance of value inputs in a classroom, distinguish between values and skills, understand the need, basic guidelines, content and process of value education, explore the meaning of happiness and prosperity and do a correct appraisal of the current scenario in the society.	
	Distinguish between the Self and the Body, understand the meaning of Harmony in the Self the Co-existence of Self and Body.	
	Understand the value of harmonious relationship based on trust, respect and other naturally acceptable feelings in human-human relationships and explore their role in ensuring a harmonious society.	
	Understand the harmony in nature and existence, and work out their mutually fulfilling participation in the nature.	
	Distinguish between ethical and unethical practices, and start working out the strategy to actualize a harmonious environment wherever they work.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KCS401</b>	<b>Subject Name: Operating Systems</b>	
<b>Course Outcomes</b>	Understand the structure and functions of OS	
	Learn about Processes, Threads and Scheduling algorithms	
	Understand the principles of concurrency and Deadlocks	
	Learn various memory management scheme	
	Study I/O management and File systems	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KCS402</b>	<b>Subject Name: Theory of Automata and Formal Languages</b>	
<b>Course Outcomes</b>	Analyze and design finite automata, pushdown automata, Turing machines, formal languages, and grammars	

	Analyze and design, Turing machines, formal languages, and grammars
	Demonstrate the understanding of key notions, such as algorithm, computability, decidability, and complexity through problem solving
	Prove the basic results of the Theory of Computation
	State and explain the relevance of the Church-Turing thesis

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KIT401</b>	<b>Subject Name: Web Designing</b>	
<b>Course Outcomes</b>	Understand principle of Web page design and about types of websites	
	Visualize and Recognize the basic concept of HTML and application in web designing	
	Recognize and apply the elements of Creating Style Sheet (CSS)	
	Understanding the basic concept of Java Script and its application	
	Introduce basics concept of Web Hosting and apply the concept of SEO	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KCS451</b>	<b>Subject Name: Operating Systems Laboratory</b>	
<b>Course Outcomes</b>	Simulate CPU Scheduling Algorithms like FCFS, RR, SJF, Priority and Banker's Algorithm for Deadlock Avoidance, Prevention.	
	Program the FIFO, LRU, and OPTIMAL page replacement algorithms.	
	Use basic UNIX/LINUX Commands.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KIT451</b>	<b>Subject Name: Web Designing Lab</b>	
<b>Course Outcomes</b>	Design webpages using HTML / XML and CSS.	
	Create user interface using Javascripts.	
	Create dynamic webpages using serverside scripting.	

<b>Branch: Information Technology</b>	<b>Year: II</b>	<b>Semester: EVEN 2019-20</b>
<b>Subject Code: KCS453</b>	<b>Subject Name: Python Language Programming Lab</b>	
<b>Course Outcomes</b>	Write, test, and debug simple Python programs. Implement Python programs with conditionals and loops.	
	Develop Python programs step-wise by defining functions and calling them.	
	Use Python lists, tuples, dictionaries for representing compound data. Read and write data from/to files in Python.	