



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COURSE OUTCOMES

A.Y:2018-19

Year/Sem: II-II

CO Number	Course Outcome(CO) Statement-At the end of the Course/Subject, the students will be able to	Blooms Taxonomy
Software Engineering(C221)		
C221.1	Define the basic terminology used in software engineering	Remember
C221.2	Describe the Software Requirement Specification and software Design	Understand
C221.3	Compare Function oriented and User Interface Design	Analyze
C221.4	Classify the different testing techniques	Analyze
C221.5	Explain the software Reliability and Quality Management	Understand
C221.6	Explain the concepts of Software Maintenance	Understand
Java Programming(C222)		
C222.1	Discuss object oriented programming concepts	Understand
C222.2	Use Classes and Objects in JAVA Programming	Apply
C222.3	Implement inheritance and Exception handling concepts	Apply
C222.4	Execute Multi-Threading concepts	Apply
C222.5	Design and implement Applet and event handling mechanisms in application programs	Create
C222.6	Use swings aspects in graphical interactive application development	Apply
Advanced Data Structures(C223)		
C223.1	Explain the concepts of external sorting technique	Understand
C223.2	Compare the different hashing techniques to store data into hash table	Analyze
C223.3	Solve data organizing problems using priority queues	Apply
C223.4	Organize the data in effectively using AVL, Red-Black trees	Analyze
C223.5	Organize the data in effectively using m-Way search trees like B-Tree and B+ tree	Analyze
C223.6	Explain the concepts of digital search trees	Understand
Computer Organization(C224)		
C224.1	Explain the architecture of modern computer.	Understand
C224.2	Analyze the Performance of a computer using performance equation	Analyze
C224.3	Describe different instruction types.	Understand
C224.4	Calculate the effective address of an operand by addressing modes	Apply
C224.5	Describe how computer stores positive and negative numbers.	Understand
C224.6	Explain how a computer performs arithmetic operation of positive and negative numbers.	Understand

Formal Languages and Automata Theory(C225)		
C225.1	Discuss a fundamental theory of Computation, formal languages, computational models.	Understand
C225.2	Implement Inter Conversion, Equivalence between Finite Automata and Regular Expressions	Apply
C225.3	Distinguish Classification of Grammars, Chomsky Hierarchy Theorem, Context Free Grammar, Derivations,	Analyze
C225.4	Implement Pushdown Automata and	Apply
C225.5	Equivalence of Pushdown Automata	Understand
C225.6	Describe Turing Machines and Types	Understand
Principles of Programming Languages(C226)		
C226.1	Compare different programming language syntaxes and describe semantics for syntax	Create
C226.2	Categorize different data types in programming languages.	Analyze
C226.3	Analyze the different subprogram implementation methods.	Analyze
C226.4	Use the object oriented concepts, concurrency concepts, and event handling concepts.	Apply
C226.5	Analyze the functional programming languages.	Analyze
C226.6	Analyze logical programming languages.	Analyze

Faculty Coordinator

HOD