SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COURSE OUTCOMES

A.Y:2019-20 Year/Sem: IV-I

CO Number	Course Outcome(CO) Statement- At the end of the Course, the students will be able to	Blooms Taxonomy
Cryptography and Network Security(C411)		
C411.1	Identify security threats, hijacking methods and solves symmetric ciphers	Remember
C411.2	Explain stream ciphers and block ciphers	Understand
C411.3	Use number theory knowledge in public key cryptographic algorithms.	Apply
C411.4	Illustrate Hash Algorithms and digital signatures for online authentication.	Apply
C411.5	Differentiate various mail security protocols	Analyze
C411.6	Defend system by various password protection mechanisms.	Evaluate
Software architecture and Design Patterns (C412)		
C412.1	Understand interrelationships, principles and guidelines governing architecture and evolution over time	Understand
C412.2	Analyze the architecture and build the system from the components	Analyze
C412.3	Prepare creational patterns that deal with object creation mechanisms	Apply
C412.4	Prepare structural patterns that ease the design by identifying a simple way to realize relationships among entities.	Apply
C412.5	**L**earn behavioral patterns that identify common communication patterns between objects and realize these patterns.	Understand
C412.6	Classify various case studies	Understand
Web Technologies (C414)		
C413.1	Identify the elements and attributes of a web page and develop dynamic web pages using java script and DHTML	Create
C413.2	Interpret the role of XML in web applications and write a well formed / valid XML document	Apply
C413.3	Recognize the importance of AJAX and web services in creating interactive web Applications	Understand
C413.4	Illustrate server-side programming through PHP	Apply
C413.5	Describe the basics of Perl language for text processing and CGI Programming	Understand
C413.6	Demonstrate the use of Ruby language for building web applications	Apply
Managerial Economics and Financial Analysis(C414)		
C414.1	Describe the basic concepts and principles of managerial economics	Remember
C414.2	Explain the production cost concepts	Understand

C414.3	Evaluate the market competition & determine pricing	Evaluate
C414.4	Describe the types of industrial organization	Understand
C414.5	Analyse the financial statements	Analysis
C414.6	Evaluate the investment proposal in projects	Evaluate
Big Data Analytics (C415)		
C415.1	Explain the concepts of collection classes in java.	Understand
C415.2	Explain the concepts of HDFS and Map Reduce programming model	Understand
C415.3	construct applications using Map Reduce programming model.	create
C415.4	Identify the use of Writable classes and interfaces in Map Reduce programming model	Understand
C415.5	Solve problems with big data using Pig Latin.	Apply
C415.6	Organize structural data using HiveQL.	Analyze
Software Project Management(C416)		
C416.1	Explain Stepwise project planning and management Activities	Understand
C416.2	Define Project life cycle phases and process frame work	Remember
C416.3	Differentiate Effort Estimation Through SLOC COCOMO, Use case based and critical path analysis	Analyze
C416.4	Demonstrate the Risk management through PERT techniques	Apply
C416.5	Construct a frame work for monitoring Cost Estimation	Creating
C416.6	Define quantitative quality management planning	Remember

Faculty Coordinator