B –TECH COMPUTER SCIENCE ENGINEERING

I YEAR –I SEM

COURSE COUT COMES

DISTRIBUTED SYSTEMS

CO 1: Distinguish the theoretical and conceptual foundations of distributed computing.

CO 2: Recognize the inherent difficulties that arise due to distributedness of computing resources.

CO 3: Recognize the feasibilities and the impossibilities in managing resources.

CO 4: Identify the problems in developing distributed applications.

CO 6: Examine how existing systems have applied the concepts of distributed systems in designing large systems, and will additionally apply these concepts to develop sample systems

Information Security

CO 1: Recall basic cryptographic algorithms, message and web authentication and security issues.

CO 2: Discuss the information system requirements for both of them such as client and server.

CO 3: Describe the current legal issues towards information secure

Object Oriented Analysis and Design

CO 1: Demonstrate the object oriented development process.

CO 2: List basic object-oriented concepts.

CO 3: Apply an iterative, use case-driven process to the development of a robust design model.

CO 4: Make use of UML to represent the design model.

CO 5: Apply the OO concepts abstraction, encapsulation, inheritance, hierarchy, modularity, and polymorphism to the development of a robust design model.

Design a software system using object-oriented software engineering paradigm

Software Testing Methodologies

CO 1: List the importance of software quality assurance

CO 2 Apply software testing techniques for information systems development

CO 3 Explain the inputs and deliverables of the testing process;
CO 4 Explain various test process and continuous quality improvement
CO 5 List types of errors and fault models
CO 6 Choose methods of test generation from requirements

WEB TECHNOLOGIES

CO 1: Execute the web architecture and web services.
CO 2: Practice latest web technologies and tools by conducting experiments.
CO 3: Design interactive web pages using HTML and Style sheets.
CO 4: Design and develop web based enterprise systems for the enterprises using Technologies like, JSP, Servlet

Managerial economics and financial analysis

CO 1 Compare what is economics, demand, supply, production and other economical concepts.
CO 2 Identify the process of recording, classifying and summarization of financial information.
CO 3 Apply skills of economics and accounts techniques for current conditions.
CO 4 Improve how to select different projects from market.
CO 5 Plan economic policies, what is business environment and Indian economy.
CO 6 Distinguish between economics and accounting its use-fullness