DATA COMMUNICATION AND COMMUNICATION NETWORKS
CO1: Learning the importance of data communications and Internet in supporting business communications and daily activity
CO2: Learning how communication works in data networks and Internet.
CO3: Recognize the different internetworking devices and their functions.
CO4: Understanding the role of protocols in networking
CO5: Analyze the services and features of the various layers of data networks.
CO6: Design, calculate and apply subnet masks and addresses to fulfill networking requirement.
CO7: Analyze the features and operations of various application layer protocols such as HTTP, DNS, SMTP etc.,

DESIGN AND ANALYSIS OF ALGORITHMS

CO1: Able to analyse the performance of algorithms
CO2: Able to choose the appropriate data structure and algorithm design method for a specified application
CO3: Able to understand how the choice of data structures and algorithm design methods impacts the performance of programs
CO4: Able to solve the problems using algorithm design methods such as the greedy method, divide and conquer, dynamic programming, backtracking and branch and bound
CO5: Able to differentiate deterministic and non-deterministic algorithms

FUNDAMENTALS OF MANAGEMENT

CO1: To discuss the evolution of management concepts & theories
CO2: To interpret the planning & decision making process for organizational success
CO3: Analyse organizational structures and human resource functions
CO4: To apply leadership skills for crisis management and customer handling
CO5: To explain the controlling process and strategies in organizations

SOFTWARE ENGINEERING

CO1: Explain the basic software engineering methods and practices, and its applications
CO2: Implement software engineering layered technology and process models
CO3: Define software requirements and requirement engineering process
CO4: Model architectural design, component-level and user interface design
CO5: Implement test strategies including white box, black box, validation testing, system testing
CO6: Implement project management including planning, scheduling, risk management, quality assurance

SCRIPTING LANGUAGES
CO1: