

COURSE NAME: - ENGLISH

COURSE CODE: - C101

COURSE OUTCOMES:-

C101.1	Recall and reproduce the theme in a given context
C101.2	Interpret the contextual meaning of words
C101.3	Appraising renowned personalities by reading their biographies and identify their special contribution
C101.4	Examine the given content and comprehend the writers opinion
C101.5	Express the students view in the given context with justification
C101.6	Develop coherent, cohesive technical report

COURSE NAME: - MATHEMATICS -1

COURSE CODE: - C102

COURSE OUTCOMES:-

C102.1	Test the convergence of a series by applying the D'Alemberts & Rabbe's test.
C102.2	Interpret the applicability of mean value theorems. Determine the maxima and minima of a function . Determine the radius of curvature and find its evolutes and
C102.3	Evaluate multiple integrals, measure the area and volume of given regions.
C102.4	Solve problems related to Differential equations and relate its applications to engineering subjects.
C102.5	Apply Laplace Transforms to find solutions of Ordinary Differential equations.
C102.6	Demonstrate an understanding of Vector differentiation , Vector integration and their applications.

COURSE NAME: - MATHEMATICAL METHODS

COURSE CODE: - C103

COURSE OUTCOMES:-

C103..1	Determine the Rank, Echelon form, Eigen value and Eigen vector of a matrix.
C103..2	Solve the linear system of equations and diagonalise the given matrix by using Eigen values and vectors.

C103.3	Solve the Algebraic and Transcendental equations to find roots, solve ordinary differential equations by using numerical methods.
C103.4	Construct the curve between two variables and calculate the derivative and integral of y at any given x.
C103.5	Construct the Fourier series for a given periodic function.
C103.6	Build the Partial differential equations and solves by using different methods.

COURSE NAME: - ENGINEERING PHYSICS

COURSE CODE: - C104

COURSE OUTCOMES:-

C104.1	Classify the various types of bonding in solids, List their properties and bond strengths.
C104.2	Classify different types of crystals and analyze the structures of solids by X-Ray diffraction.
C104.3	Compare the properties of different types of particles, their behavior and solve their wave functions.
C104.4	Distinguish different types of Semiconductor devices and examine their properties.
C104.5	Choose the Dielectric and Magnetic materials based on their properties and Evaluate the strength of dipoles.
C104.6	Apply the Principles of light in construction of optical fiber cables, Categorize Nano materials by fabrication methods and Elaborate architectural acoustics.

COURSE NAME: - ENGINEERING CHEMISTRY

COURSE CODE: - C105

COURSE OUTCOMES:-

C105.1	Explain different types of conductance, electrode, electrode potential, corrosion and determine EMF of a cell using Nernst equation.
C105.2	Identify the materials & methods that prevent corrosion in a particular environment.
C105.3	<ul style="list-style-type: none"> • Compare and contrast the chemical behavior & physical properties of polymers • Explain the setting and hardening of cement, • Classify different types of refractories and lubricants and • Elaborate the importance of nanotechnology in several engineering field.
C105.4	Identify different types of boiler troubles; choose appropriate method for softening and cleaning of water.

C105.5	Explain different sources of energy and determine Calorific value of fuel
C105.6	Elaborate the different phases in the formation of alloys, distinguish between adsorption, absorption.

COURSE NAME: - ENGINEERING DRAWING

COURSE CODE: - C106

COURSE OUTCOMES:-

C106.1	Construct engineering curves of conics sections, cycloid curves, involutes and scales.
C106.2	Construct projections of points, straight lines & planes inclined to one or both the projection planes.
C106.3	Construct Projections of solids and sectional solids inclined to one or both the projection planes.
C106.4	Construct intersections of solids or penetrations of solids.
C106.5	Convert orthographic projections to isometric and vice versa. Develop isometric views for objects.
C106.6	Develop surfaces for cones, cylinders, prisms and pyramid projections. Draw perspective projections of planes and solids.

COURSE NAME: - COMPUTER PROGRAMMING AND DATA STRUCTURES

COURSE CODE: - C107

COURSE OUTCOMES:-

C107.1	Demonstrate computer system and program development process
C107.2	Design algorithms and develop programs using control structures
C107.3	Design and develop programs using functions and arrays
C107.4	Develop programs for managing memory using pointers and for processing strings
C107.5	Organize heterogeneous data and large amount of data in files
C107.6	Develop programs to implement different linear data structures

COURSE NAME: - COMPUTER PROGRAMMING LAB

COURSE CODE: - C108

COURSE OUTCOMES:

C108.1	To design algorithm, flowchart and pseudopodia
C108.2	Develop c programs using control structures
C108.3	Develop c programs using functions and arrays
C108.4	Develop c programs for managing memory and processing strings
C108.5	Develop c programs to organize heterogeneous data and to process files
C108.6	Develop c programs to implement linear data Structures

COURSE Name: - ENGINEERING PHYSICS/ENGINEERING CHEMISTRY LAB

COURSE CODE: - C109

COURSE OUTCOMES:-

C109.1	Analyze the various properties of light and Determine the related parameters of light.
C109.2	Discuss working of electronic components and built the circuits by selecting the appropriate components.
C109.3	Select modern instruments to elucidate concentration of unknown solutions.
C109.4	Explain chemical equation and to Determine the equivalence point in Acid-Base titration.
C109.5	Conclude the results based on Interpretation of data and graph.

COURSE NAME: - ENGLISH LANGUAGE COMMUNICATION SKILLS LAB

COURSE CODE: - C110

COURSE OUTCOMES:-

C110..1	Adopt active listening skills(Exercise:1,3,5)
C110..2	Acquire standard pronunciation(Exercise: 4)
C110..3	Develop effective Reading Skills (Exercise : 5)
C110..4	Communicate language confidently ensuring fluency, accuracy and intelligibility. (EX: 2,4,5)

C110..5 | **Compose** concise, clear and coherent write ups (Exercise: 3)

COURSE NAME: - ENGINEERING WORK SHOP/I.T WORK SHOP

COURSE CODE: - C111

COURSE OUTCOMES:-

C111.1	Make use of carpentry tools, Fitting tools, Black smithy tools and tin smithy tools to produce simple shapes.
C111.2	Build electrical circuits commonly used in house wiring.
C111.3	Develop sand moulds, welding joints, using relevant tools.
C111.4	Demonstrate the use of power tools used in construction and wood working.
C111.5	Identify the computer hardware and assemble the components
C111.6	Demonstrate the installation of windows and Linux operating system.

COURSE NAME: PROBABILITY & STATISTICS:-

COURSE CODE: - C201

COURSE OUTCOMES:

C201.1	Define conditional probability and Baye's theorem.
C201.2	Calculate mean, median, mode and variance by using Binomial, Poisson and Normal distributions.
C201.3	Discuss the sampling distribution with or without replacement for sampling distribution of means.
C201.4	Test the hypothesis for large and small samples by using different tests.
C201.5	Apply the Queuing theory of a system and queue, random process, Markov process and Markov chains.
C201.6	Design the curve for a given data and also find the correlation between them.

COURSE NAME: MATHEMATICAL FOUNDATIONS FOR COMPUTER SCIENCE

COURSE CODE: - C202

COURSE OUTCOMES:

C202.1	Define Mathematical Logic & Predicate Logic with formal proofs.
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C202.2	Illustrate various types of relations, functions and algebraic structures.
C202.3	Discuss principles of permutations &Combinations.
C202.4	Analyze the logical limits to Computational capacity.
C202.5	Apply Graph theory in modeling and solving nontrivial problems.

COURSE NAME: DATA STRUCTURES THROUGH C

COURSE CODE: - C203

COURSE OUTCOMES:

C203.1	Explain the basic concepts such as Abstract Data Types, Linear and Non Linear Data structures.
C203.2	Illustrate the notations used to analyze the Performance of algorithms.
C203.3	Contrast behavior of data structures such as stacks, queues, trees, hash tables, search trees, Graphs and their representations.
C203.4	choose the appropriate data structure for a specified application.
C203.5	analyze various searching and sorting algorithms.
C203.6	Experiment With C programs to solve problems using data structures such as arrays, linked lists, stacks, queues, trees, graphs, hash tables, search trees.

COURSE: DIGITAL LOGIC DESIGN

COURSE CODE: - C204

COURSE OUTCOMES:

C204.1	Define Number system and conversions Techniques by digital logical gates.
C204.2	Discuss about Boolean algebra and logic gates.
C204.3	Analyze the given expression by using K-maps and they can design different gate level implementation.
C204.4	Evaluate code converters for Combinational circuits
C204.5	Interpret Sequential circuit to design counters.
C204.6	Design flip flop and latch, synchronous and asynchronous sequential circuits and able to develop sequential circuits.

COURSE NAME: ELECTRONICS DEVICES AND CIRCUITS

COURSE CODE: - C205

COURSE OUTCOMES:

C205.1	Define the principles of different diodes.
C205.2	Distinguish the different rectifiers & filters.
C205.3	Evaluate the configurations of Bipolar Junction Transistor & its parameters.
C205.4	Design the biasing techniques of BJT & FET.
C205.5	Analyze the different types of FETS.
C205.6	Categorize in the field of solid state materials and get to know about the importance of semiconductors.

COURSE NAME: BASIC ELECTRICAL ENGINEERING

COURSE CODE: - C206

COURSE OUTCOMES:

C206.1	Recall basic electrical, magnetic circuit concepts, RMS, Average values and define various electrical parameters.
C206.2	Classify network reduction techniques and explain concepts of Reactance, impedance, susceptance, admittance and phase.
C206.3	Illustrate J-notations, Kirchhoff's laws to identify the currents, voltages and power in branch and node.
C206.4	Distinguish the types of machines, transformers and instruments.
C206.5	Interpret the performance of the machines by determining its Efficiencies, torque and regulation.
C206.6	Create real world applications using network theorems.

COURSE NAME: ELECTRICAL ENGINEERING LAB

COURSE CODE: - C207

COURSE OUTCOMES:

C207.1	Identify Circuit Currents and Voltages using Kirchhoff's Laws
C207.2	Apply Network Theorems to Identify Circuit Parameters

C207.3	Examine AC circuits to Solve for Resonance and Time Response
C207.4	Illustrate Various Parameters for Two-Port Network
C207.5	Determine Characteristics & Efficiency for Different Machines
C207.6	Interpret Efficiency and Regulation of a Transformer

COURSE NAME: DATA STRUCTURES LAB

COURSE CODE: - C208

COURSE OUTCOMES

C208.1	Design Stack, Queue data structure and implement their operations.
C208.2	Implement Arrays, linked-lists, searching and sorting techniques.
C208.3	Build general tree data structures, including binary tree, both array based and reference based implementations
C208.4	Design appropriate data structure using simple algorithms for modeling and solving given computing problems

COURSE NAME: COMPUTER ORGANIZATION

COURSE CODE: - C209

COURSE OUTCOMES:

C209.1	Define the basic components of computers.
C209.2	Explain the addressing modes, Computer Arithmetic algorithms.
C209.3	Analyze the micro programmed control techniques.
C209.4	Classify the Memory organizations.
C209.5	Compare mode of Data transfers using DMA, IOP & peripheral component interconnect.
C209.6	Design of control units & pipelining processing.

COURSE NAME: DATA BASE MANAGEMENT SYSTEMS

COURSE CODE: - C210

COURSE OUTCOMES:

C210.1	Define the basic concepts and the applications of database system & database design techniques.
C210.2	Construct queries using SQL & relational database design principles
C210.3	Illustrate the schema refinement and construct databases with normalization techniques.
C210.4	Examine the problems with concurrency control, recovery, concurrent transactions and failures
C210.5	Apply a desktop database package to create, populate, maintain, and query a database.
C210.6	Create programmatic interfaces to a database with basic functions.

COURSE NAME: JAVA PROGRAMMING

COURSE CODE: - C211

COURSE OUTCOMES:

C211.1	Tell about features of OOPs concepts & basics of Java programming
C211.2	Explain concepts of class and objects, method overloading and constructors
C211.3	Identify the difference between packages and interfaces.
C211.4	Compare exception handling and multithreading.
C211.5	Apply event handling techniques with AWT concepts to design GUI interfaces.
C211.6	Create java application programs using AWT, swings & socket programming techniques.

COURSE NAME: ENVIRONMENTAL STUDIES

COURSE CODE :- (C212)

COURSE OUTCOMES:

C212.1	Define basic definitions and explain complex relationship between Predators, Prey & Plant community.
C212.2	Categorize resources in natural environment and its relationships with human activities with impacts.
C212.3	Illustrate an awareness, knowledge and appreciation of the intrinsic values of ecological processes and communities.
C212.4	Assess scientific research strategies of environmental data and role of information technology in an environment.
C212.5	Examine the environmental problems, protection acts & interactions across local to global scales.

C212.6	Formulate an action plan for suitable alternatives for the remediation or restoration of degraded environment.
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COURSE NAME: FORMAL LANGUAGES AND AUTOMATA THEORY

COURSE CODE :- (C213)

COURSE OUTCOMES:

C213.1	Define grammar's and automata with rigorously formal mathematical methods;
C213.2	Interpret regular expressions and context-free grammars accepting or generating a certain language;
C213.3	Describe the language accepted by automata or generated by a regular expression or a context-free grammar;
C213.4	Discuss automata and context-free grammar to determine certain word belongs to a language.
C213.5	Design complex problems and determine decidability of problems.

COURSE NAME: DESIGN AND ANALYSIS OF ALGORITHMS

COURSE CODE: - C214

COURSE OUTCOMES:

C214.1	Define algorithm techniques with performance measurements.
C214.2	Explain different design principles for development of algorithms for various approaches such as divide and conquer, greedy and etc..
C214.3	Analyze and estimate the performance of algorithm.
C214.4	Solve new problems by algorithm design for obtaining feasible optimal solutions.
C214.5	Interpret appropriate data structure for solving the problem for P, NP, NP-complete, and NP-hard.

JAVA PROGRAMMING LAB: - C215

COURSE CODE: - C215

COURSE OUTCOMES:-

C215.1	Explain different file operations by FILE I/O Functions.
C215.2	Develop programs by using Applets.
C215.3	Design java programs with servlets for writing and testing.

C215.4	Develop advanced graphic functions & database connectivity with client server architecture.
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DATABASE MANAGEMENT SYSTEM LAB

COURSE CODE: - C216

COURSE OUTCOMES:-

C216.1	Design and integrate a database schema for a given problem domain
C216.2	Construct Embedded and Nested Queries.
C216.3	Collaborate integrity constraints on a database using a state-of-the-art RDBMS.
C216.4	Develop stored procedures, functions, cursors & packages.

COURSE NAME: PRINCIPLES OF PROGRAMMING LANGUAGES

COURSE CODE:- C301

COURSE OUTCOMES:

C301.1	Define different types of programming paradigms.
C301.2	Describe syntax and semantics of programming languages with grammars.
C301.3	Identify various design issues for abstract data types.
C301.4	Apply Exception handlers in Ada, C++ & Java.
C301.5	Distinguish functional programming languages with other languages.
C301.6	Implement programs using scripting Languages.

COURSE NAME: DISASTER MANAGEMENT

COURSE CODE:- (C302)

COURSE OUTCOMES:

C302.1	Importance of applying the knowledge of natural hazards disasters and calamities in solving the disastrous effects by applying the engineering.
C302.2	Work towards reducing death and suffering—particularly among children—due to natural hazards in the most vulnerable communities through preparedness.
C302.3	Reduction of disaster losses by helping vulnerable communities recognizes their risk and the methods to manage it.

C302.4	Identifying and promoting strategies, potential practices and programs that support comprehensive safety from the natural disasters
C302.5	Understand the nature and magnitude of the disasters and hazards. Types of natural hazards and disasters, perception and human adjustment.
C302.6	Develop the operational procedures and concept during the natural calamities in minimizing the distress and loss of life during the emergency. Develop an idea about the distribution of natural disasters.
C302.7	Evaluate the operational techniques and procedures in dealing with man induced disasters and hazards interfacing between the natural phenomena and technological advances and experiments.

COURSE NAME: SOFTWARE ENGINEERING

COURSE CODE:- C303

COURSE OUTCOMES:

C303.1	Illustrate the software process models & software engineering process.
C303.2	Define software engineering principles with respect to Software Development Life cycle.
C303.3	Analyze the software design in the context of the software life cycle with an emphasis on design practice.
C303.4	Implement the state of the art in software testing and the use of software metrics to measure software quality.
C303.5	Design quality assurance plans and Apply quality assurance tools & techniques.

COURSE NAME: COMPILER DESIGN

COURSE CODE: - C304

COURSE OUTCOMES:

C304.1	Describe knowledge of Automata to implement lexical analyzer.
C304.2	Interpret parsing techniques to parse a string in minimum time.
C304.3	Demonstrate parser using top-down or bottom-up parsing
C304.4	Select a Type Checker for semantic analysis
C304.5	Evaluate modern optimization techniques for code optimization.
C304.6	Design machine-dependent & machine-independent code optimization techniques.

COURSE NAME: OPERATING SYSTEM

COURSE CODE: - (C305)

COURSE OUTCOMES:

C305.1	Define the objective and functions of modern operating systems.
C305.2	Identify the techniques for achieving synchronization in an operation system.
C305.3	Illustrate the various computing resources are used by application software and managed by system software.
C305.4	Analyze the memory management in primary and Secondary memories.
C305.5	Compare kernel and user mode in an operating system & summarize the Deadlock recovery and avoidance.
C305.6	Design and configure physical security of computers.

COURSE NAME: COMPUTER NETWORKS**COURSE CODE: - C306****COURSE OUTCOMES:**

C306.1	Define the basic concepts of networks, network models.
C306.2	Explain the bandwidth utilization in networks.
C306.3	Identify the flow and error control in data transmissions of data link layer.
C306.4	Evaluate routing algorithms Addresses and Protocols used in network layer for host to host delivery.
C306.5	Resolve congestion control techniques in transport layer for transmission of data.
C306.6	Interpret various protocols used in Application layer & web services.

OPERATING SYSTEMS LAB**COURSE CODE: - C307****COURSE OUTCOMES:-**

C307.1	The student is capable of explaining the basic structure and functioning of operating system.
C307.2	Simulation of CPU Scheduling Algorithms. (FCFS, RR, SJF, Priority, Multilevel Queuing).
C307.3	Simulation of Banker's Algorithm for Deadlock Avoidance, Prevention.
C307.4	Implementation of FIFO, LRU, and OPTIMAL page replacement algorithm.

C307.5	able to explain the basics of memory management, the use of virtual memory in modern operating systems as well as the structure of the most common file-systems.
C307.6	Implementation of process creation and synchronization.

COMPILER DESIGN LAB

COURSE CODE: - C308

COURSE OUTCOMES

C308.1	Apply the knowledge of lex tool & yacc tool to develop a scanner & parser.
C308.2	Design and conduct experiments for Intermediate Code Generation in compiler.
C308.3	Design and implement a software system for backend of the compiler.
C308.4	Develop program to solve complex problems in compiler.
C308.5	Learn the new code optimization techniques to improve the performance of a program in terms of speed and space.
C308.6	Use the knowledge of patterns, tokens & regular expressions for solving a problem in the field of data mining.

COURSE NAME: - DISTRIBUTED SYSTEMS

COURSE CODE: - C309

COURSE OUTCOMES:

C309.1	Explain the characteristics of distributed systems and the salient architectural features
C309.2	Specify algorithms for determining global state, electing a coordinator for a distributed system
C309.3	Write the external data representation, client server and group communication group of communicating processes and implementing mutual exclusion in a Distributed
C309.4	Explain the File Service Architecture, sun network, Andrew File System
C309.5	Describe how to name, locate and remove references to entities in a Distributed System, client centric and data centric consistency models and describe protocols for
C309.6	Explain the concurrency control and distributed deadlocks in distributed transactions.

COURSE NAME: INFORMATION SECURITY

COURSE CODE:- C310

COURSE OUTCOMES:

C310.1	Define the basic components of security systems.
C310.2	Explain Conventional Encryption system and different approaches of message authentication
C310.3	Understand public key cryptography algorithms and key management principles for Kerberos
C310.4	Analyze PGP and IP security architectures.
C310.5	Evaluate web security requirements SSL, TLS & SET.
C310.6	Implement Firewall principles & Intrusion detection system

COURSE NAME: OBJECT ORIENTED ANALYSIS AND DESIGN

COURSE CODE: - C311

COURSE OUTCOMES:

C311.1	Define the basic building blocks of the modeling.
C311.2	Illustrate classes and their relationships.
C311.3	Describe modeling techniques for class and object diagrams.
C311.4	Distinguish basic behavioral modeling with use case & activity diagrams for a library application.
C311.5	Evaluate state machines and state chart diagrams for an ATM machine.
C311.6	Design component and deployment diagrams for hospital management System.

COURSE NAME: SOFTWARE TESTING METHODOLOGIES

COURSE CODE: - C312

COURSE OUTCOMES:

C312.1	Explain different testing methods or strategies for software testing.
C312.2	Compare Flow graphs and Path testing.
C312.3	Classify Graph matrices and its Applications.
C312.4	Choose the Path testing for regular Expressions.
C312.5	Evaluate the node reduction and domain testing

C312.6	Design machine-dependent & machine-independent code optimization techniques.
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COURSE NAME: MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS:

COURSE CODE: C313

COURSE OUTCOMES:

C313.1	Define the economic techniques in market dynamics and pricing methods.
C313.2	Develop production function to carry out efficient productivity and cost analysis to determine price of commodity.
C313.3	Organize basic resources of production function and value them for capital budget decisions.
C313.4	Decide an action for business objectives.
C313.5	Evaluate the basic accounting functions & make use of accounting principles for financial analysis.
C313.6	Interpret the financial statements through ratio analysis for a company.

COURSE NAME: WEB TECHNOLOGIES

COURSE CODE: - C314

COURSE OUTCOMES:

C314.1	How to use HTML tags for dynamic web page design.
C314.2	Summarize various objects in java script to build web applications using Web servers & Servlets.
C314.3	Analyze and create XML documents and XML schemas using XML Processors.
C314.4	Illustrate the java beans and API's in server side Programming.
C314.5	Discuss about JSP to develop JSP Applications.
C314.6	Create database connectivity by using JDBC packages.

CASETOOLS & WEB TECHNOLOGIES LAB: - C315

COURSE CODE: - C315

COURSE OUTCOMES:-

C315.1	Analyze the concepts of OOAD, Web Applications and tools. Design dynamic web pages and UML diagrams
C315.2	Apply Testing tools for the validation of use cases and database connectivity tools for developing server side applications
C315.3	Develop web pages using HTML, DHTML and Cascading Styles sheets for an online book store.
C315.4	Design the dynamic web pages using JavaScript and VBScript (client side programming).

COURSE NAME: ADVANCED ENGLISH COMMUNICATION SKILLS LAB

COURSE CODE: - C316

COURSE OUTCOMES:

C315.1	Accomplishment of sound Vocabulary and its proper use contextually
C315.2	Develop a flair for writing and a felicity with words and written expression especially in the professional context
C315.3	Enhance speaking abilities to effectively take part in Social and Professional Communication
C315.4	Gathering and organizing ideas relevantly and coherently for participation in Debates and Group Discussions
C315.5	Preparing the students for facing Interviews confidently and training them through Mock Interviews for Face-to-face interviews, Tele-conference and
C315.6	To enhance job prospects in today's competitive market

COURSE NAME: LINUX PROGRAMMING

COURSE CODE: - C401

COURSE OUTCOMES:

C401.1	Explain the Linux utilities for file processing.
C401.2	Classify the system calls to create, manage and control the processes in UNIX System.
C401.3	Compare the Inter Process Communication (IPC) and Message Queues for message passing between processes.
C401.4	Analyze the methods to overcome conflicts arise in the processes.
C401.5	Identify the system calls supported for threads and synchronization.
C401.6	Develop the socket programming for client/server architecture.

COURSE NAME: DESIGN PATTERNS

COURSE CODE: - C402

COURSE OUTCOMES:

C402.1	Understand the design patterns that are common in software applications.
C402.2	Ability to understand and apply common design patterns to incremental or iterative development.
C402.3	Solve, the core of the solutions to object- oriented design problems
C402.4	Ability to analyze appropriate patterns for design of given problem.
C402.5	Supporting while achieving the implement the principles of object- oriented design problems in real world.
C402.6	Develop the Real time Object Oriented Problems in very easy manner.

COURSE NAME: DATA WAREHOUSING AND DATA MINING

COURSE CODE: - C403

COURSE OUTCOMES:

C403.1	Define the Data Warehouse and Data Mining functionalities.
C403.2	Build statistical predictive models using neural networks, decision trees and l regression.
C403.3	Choose the Data Mining task primitives for classification, regression, and clustering & Association analysis.
C403.4	Evaluate leading Data Mining problems using WEKA tool.
C403.5	Interpret the results produced by Data Mining and analyze the reports.
C403.6	Design warehouse for business intelligence applications.

COURSE NAME: CLOUD COMPUTING

COURSE CODE: - C404

COURSE OUTCOMES:

C404.1	Explain the techniques of big data analysis used in cloud.
C404.2	Analyze highly scalable cloud-based applications by creating and configuring virtual machines on the cloud and building private cloud.

C404.3	Tell the use of recommendations on cloud computing solutions for an enterprise.
C404.4	Interpret the key trade-offs between multiple approaches to cloud system design when solving realtime cloud computing problems.
C404.5	Apply comprehensive case studies analyzing and contrasting different cloud computing solutions.
C404.6	Design and deploy cloud application using popular cloud platforms.

COURSE NAME: SOFTWARE PROJECT MANAGEMENT

COURSE CODE: 405

COURSE OUTCOMES:

C405.1	Classify the organization needs for the effective software development models.
C405.2	Plan the different software metrics for improving the software economics.
C405.3	Design a software management process framework.
C405.4	Estimate the successful software projects that support organization's strategic goals.
C405.5	To create project plans that address real-world management challenges.
C405.6	To apply the software knowledge necessary to successfully complete and close the software projects.

COURSE NAME: INFORMATION RETRIEVAL SYSTEM

COURSE CODE: - C406

COURSE OUTCOMES:

C406.1	Define the basic concepts of information retrieval systems metrics.
C406.2	Explain indexing techniques and data structures to information retrieval.
C406.3	Calculate the different weightage techniques to search statement in different databases.
C406.4	Classify the various techniques of thesaurus generation and binding the search statement to the item
C406.5	Apply the different searching techniques algorithms and evaluate search engines using binding techniques.
C406.6	Develop the problems solved in current IR systems for unstructured information retrieval and online IR systems

LINUX PROGRAMMING LAB C407

COURSE CODE: - C407

COURSE OUTCOMES:-

C407.1	Experiment commands in Linux operating system.
C407.2	Implement shell programming and Experiment different Linux/UNIX library functions and system calls.
C407.3	Experiment and analyze the way of communication by using connection oriented and connectionless.
C407.4	Develop a project by using network-based applications.

DATA WAREHOUSING DATA MINING LAB

COURSE CODE: - C408

COURSE OUTCOMES:-

C408.1	Design data mining algorithms as a component to the existing tools.
C408.2	Understand mining techniques for realistic data sets to solve the business applications
C408.3	Develop data warehouse by using weka tool to perform OLAP operations and analyze the each data set.
C408.4	Design variety of data set for the business domain to solve the real world problems by using clustering and classification techniques.

COURSE NAME: MANAGEMENT SCIENCE

COURSE CODE: - C409

COURSE OUTCOMES:

C409.1	Define Functions of Management & Scientific Theory.
C409.2	Explain more information about different methods of production and will have more understanding about different work study procedures.
C409.3	Classify different inventory procedures like six sigma, EOQ, ABC and other supply chain management principles & describe their methods.
C409.4	Examine concepts of HRM and principles of wages and incentives and will be able to classify CMM levels, job evaluation and merit rating procedure.
C409.5	Analyze the importance of program evaluation review techniques and critical path methods in a network analysis.
C409.6	Design goals and objectives of corporate planning process and different business strategies

COURSE NAME: WEB SERVICES

COURSE CODE: - C410

COURSE OUTCOMES:

C410.1	Define the basic operational models of web services.
C410.2	Explain evolution of web services and their architecture.
C410.3	Apply tools and technologies to develop web services.
C410.4	Classify CORBA architecture and java RMI.
C410.5	Compare the applications of SOAP, WSDL & UDDI.
C410.6	Create web service enabled applications.

COURSE NAME: ADHOC AND SENSORS NETWORKS

COURSE CODE: - C411

COURSE OUTCOMES:

C411.1	Explain the overview of the physical, networking and architectural issues of mobile adhoc networks.
C411.2	Analyze the various sensor networks and the unique set of design challenges.
C411.3	Evaluate measurement of protocol performance in sensor networks.
C411.4	Illustrate the major design issues, including topics such as protocol mechanisms and resource constraints.
C411.5	Implement algorithms involved in ad-hoc/sensor systems.
C411.6	Design the Automated Building Climate Control by using TOSSIM