LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
AY:19-20
COURSE OUTCOMES

II Year II- Semester

Name of the Course: BUSINESS ECONOMICS & FINANCIAL ANALYSIS

Course.No	Outcomes
C221.01	Understand the various Forms of Business and the impact of economic variables on the Business.
C221.02	Understand the significance of Demand, Supply, Production,Cost, Market Structure, Pricing aspects
C221.03	Understand the Students can study the firm's financialposition byanalyzing the Financial Statements
C221.04	Explain the impact of the Economy on Businessand Firmsspecifically
C221.05	Analyze the Business from the Financial Perspective

Name of the Course: Database Management System

Course.No	Outcomes
C222.01	Explain & demonstrate the basic elements of a relation database management system.
C222.02	Design Components to explain the difference between traditional file system and DBMS.
C222.03	Identify to handle with different Data Base languages
C222.04	Analyze the different data models for Data Base. Understand types of Data Base failures and Recovery.
C222.05	Able to Design data base and normalize data and write queries mathematically processed & executed.

Name of the Course: DISCRETE MATHEMATICS

Course.No	Outcomes
C223.01	Ability to understand and construct precise mathematical proofs
C223.02	Ability to use logic and set theory to formulate precise statements
C223.03	Ability to analyze and solve counting problems on finite
C223.04	Ability to describe and manipulate sequences
C223.05	Ability to apply graph theory in solving computing problems

Name of the Course: Operating System

Course.No	Outcomes
C224.01	To understand the underlying principles, techniques and approaches which constitutea coherent body of knowledge in
C224.02	To classify about the communication and concurrency control among the concurrent processes in operating system

C224.03	To analyze the concept of process and its management which includes process scheduling, process synchronization, deadlock.
C224.04	To critique how memory management is implemented by the operating system, including concepts of paging, segmentation,
C224.05	To gain insight on file management, disk management etc and to become familiar with the protection and security mechanisms

Name of the Course: JAVA Programming

Course.No	Outcomes
C225.01	Solve real world problems using OOP techniques.
C225.02	Solve problems using java collection framework and I/o classes.
C225.03	Develop multithreaded applications with synchronization.
C225.04	Develop applets for web applications.
C225.05	Design GUI based applications

Name of the Course: Operating System Lab

Course.No	Outcomes
C226.01	Simulate operating system concepts such as scheduling, deadlock management, file management and memory
C226.02	Choose the best CPU scheduling algorithm for a given problem instance algorithm
C226.03	Able to implement Identify the performance of various page replacement
C226.04	Develop algorithm for deadlock avoidance, detection and file allocation strategies
C226.05	Use different system calls for writing application programs

Name of the Course: Database Management Systems Lab

Course.No	Outcomes
C227.01	Ability to design and implement a database schema for givenproblem.
C227.02	Apply the normalization techniques for development of application software to realistic problems on combinations.
C227.03	Ability to formulate queries using SQL DML/DDL/DCLcommands.
C227.04	Develop solutions for database applications using procedures,cursors and triggers
C227.05	Construct database models for different databaseapplications.

Name of the Course: JAVA Programming Lab

Course.No	Outcomes
C228.01	Design the programs involving the basics programming constructs
C228.02	Analyze the concepts of classes, objects, methods constructors, overloading

	and overriding along with access controls
C228.03	Use the data abstraction, inheritance, polymorphism, encapsulation principles in structuring java applications
C228.04	Develop java programming using multithreading, files, collections with necessary exception handling
C228.05	Develop java programming using Database concepts with necessary exception handling

*List Courses as per the order in university syllabus copies

Year : III Year   Semester: II Semester

Name of the Course: Compiler Design

Course.No	Outcomes
C321.01	Design the compiler given the features of the languages.
C321.02	Implement practical aspect of automata theory.
C321.03	Explain different compiler generation tools.
C321.04	Implement Code optimization and Data flow analysis.
C321.05	Students are able to analyze semantics.

Name of the Course: PRINCIPLES OF COMPUTER COMMUNICATIONS AND NETWORKS

Course.No	Outcomes
C322.01	The student can get the knowledge of networking of computers, data transmission between computers.
C322.02	Will have the exposure about the various communication concepts.
C322.03	Will get awareness about the structure and equipment of computer network structures
C322.04	Able to understand the concept of computer communication.
C322.05	Able to learn about the networking concept, layered protocols

Name of the Course: CRYPTOGRAPHY AND NETWORK SECURITY

Course.No	Outcomes
C323.01	Illustrate the different classical encryption techniques
C323.02	Use mathematical concepts for different cryptographic algorithms.
C323.03	Demonstrate cryptographic algorithms for encryption/key exchange.
C323.04	Identify security issues in network, transport and application layers and utline appropriate securityprotocols.
C323.05	Generate and distribute a PGP key pair and use the PGPpackage to send anencrypted e-mail message.

Name of the Course: DESIGN PATTERNS

Course.No	Outcomes
C324.01	Identify the appropriate design patterns to solve object oriented designproblems.

C324.02	Develop design solutions using creational patterns.
C324.03	Apply structural patterns to solve design problems.
C324.04	Construct design solutions by using behavioral patterns.
C324.05	Design knowledge of the principles of object- oriented design problems in real world

Name of the Course: WEB TECHNOLOGIES

Course.No	Outcomes
C325.01	Explain internet related technologies. Systematic way of developing a website.
C325.02	Design dynamic and interactive web pages by embedding Java Script code in HTML. Use Java Script to validate user input.
C325.03	Use of different types of CSS to design web pages.
C325.04	Use CGI and Perl. VB Script and Efficiently write Java applets.
C325.05	Explain the fundamentals of. ASP, AJAX, Web Hosting.

Name of the Course: WEB TECHNOLOGIES LAB

Course.No	Outcomes
C326.01	Design web pages for a static website, validate the user information by regular expressions and apply different styles to web pages by css.
C326.02	Gain the knowledge of storing and transforming information through web and create a simple bean and reusing this for multiple bean applications
C326.03	Understand the installation of web servers for maintaining the web pages and how the user information is stored in cookie, when user send requests to the server
C326.04	Connect database with jsp/servlet to retrieve the data from data base and know the authentication process of the user when login into the webpage.
C326.05	Analyze how the data is extracted from the tables for doing computations on it and maintain the state of the user by using stateless protocol.

Name of the Course: CRYPTOGRAPHY AND NETWORK SECURITY LAB

Course.No	Outcomes
C327.01	Implement the methods of conventional encryption.
C327.02	Understand the concepts of public key encryption and number theory.
C327.03	Use various applications of cryptography and security issues practically.
C327.04	Differentiate the concepts of public key encryption algorithms.
C327.05	Understand the concepts of public key real time applications.

Name of the Course: Advanced English Communication Skills Lab

Course.No	Outcomes
C328.01	Improve the students' fluency in English, through a well-developed vocabulary
C328.02	Enable them to listen to English spoken at normal conversational speed byeducated nglish speakers andrespond appropriately
C328.03	Can communicate their ideas relevantly and coherently inwriting.
C328.04	Analyze different socio-cultural and professional contexts.
C328.05	Communicate confidently in formal and informal contexts

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COURSE OUTCOMES

Year : IV Year   Semester: II Semester

Name of the Course: Organizational Behaviour

Course.No	Outcomes
C421.01	Analyse the behaviour of individuals and groups inorganizations in terms of the key factors that influence organizational behaviour.
C421.02	Assess the potential effects of organizational level factors (such as structure, culture and change) on organizationalbehaviour.
C421.03	Critically evaluate the potential effects of important developments inthe external environment (such as globalization and advances intechnology) on organizational behaviour.
C421.04	Analyse organizational behavioural issues in the context oforganizational behaviour theories, models and concepts.
C421.05	Students will be able to explain the concept of Organisation Design and determine the factors that affect Organisation Design.

Name of the Course: Modern Software Engineering

Course.No	Outcomes
C422.01	**Understanding** XP (Extreme Programming) - XP life cycle, XPteam, XP Concepts, requirements for the development ofapplication
C422.02	**Able** to develop Real customer involvement, Ubiquitous language,meetings, coding standards, Iteration demo, Reporting
C422.03	**Ability** to critically thinking and evaluate by using BugfreeRelease, VersionControl, fast build, continuous integration, Collective ownership, Documentation
C422.04	**Understanding** of software Version, Release Plan, RiskManagement,Iteration Planning, Slack, Stories, Estimating
C422.05	**Understanding** on Test driven development, Refactoring,Incrementaldesign and architecture, spike solutions, Performance optimization, Exploratory testing

Name of the Course: Computer Forensics

Course.No	Outcomes
C423.01	Understand the usage of computers in forensic, and how to use various forensic tools for a wide variety of investigations.
C423.02	Understanding to continue their zeal in research in computer forensics
C423.03	Understand the objectives of computer forensics in different roles computer plays in a certain crime.

Course.No	
C423.04	Ability to implement objective is to provide digital evidences which are obtained from digital medias.
C423.05	Understand the objectives of computer forensics, first of all, people have to recognize the different roles computer plays in a certain crime.

Name of the Course: Major Project

Course.No	Outcomes
C424.01	Acquire practical knowledge in spite of theoretical concepts he/she acquired.
C424.02	Recognise uncertainty of open ended investigations like technical problems and difficulties in collecting the required data.
C424.03	differentiate open ended projects and set of practicals.
C424.04	develop their communication and team work skills.
C424.05	Asses different tools /soft ware's and protocols which he used in the project.
C424.06	Simulate their Software results and dump into hardware for testing.

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