



Everest Educational Society's Group of Institutions

Course Outcome

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SEM-I

Class: FE CSE

CSE107 Computer Fundamental-1

CSE107.1 Solve the given problem using syntactical structures of C language.

CSE107.2 Develop, execute and document computerized solution for various problems using the features of C languages.

Class: SE CSE

BSH/ 201 ENGG MATHEMATICS III

BSH201.1 Demonstrate basic knowledge of linear differential equation & show the impact of engineering mathematics.

BSH201.2 Demonstrate base concept of Fourier transform which will be used in engineering.

BSH201.3 Demonstrate the idea about statistics to use numerical value used in engineering.

BSH201.4 Demonstrate basic knowledge of vector & its differentiation.

BSH201.4 Show the understanding at impact of engineering mathematics using vector integral.

CSE202 Data Structure

CSE202.1: student must analyze the problem & write the algorithms.

CSE202.2: Student master to demonstrate searching & sorting techniques.

CSE202.3:: Students should differentiate stack, queue and link list Operations.

CSE202.4:: Students should design and apply appropriate data structures for solving basic computing problems.

CSE202.5:. Graduate use the graph & tree structure to find effective solutions to access data conveniently

CSE203 Computer Network

CSE203.1: student should be able to analyze the different types of Protocols.

CSE203.2: Student analyze the features and operations of various application layer protocols such as Http.

CSE203.3: Students should be able to Recognize the different internetworking devices and their functions

CSE203.4: Students should services and features of the various layers of data networks.



Course Outcome

CSE203.5. To Analyze the features and operations of various application layer protocols such as Http, DNS, and SMTP.

CSE204 Digital Electronic

CSE204.1: Students should be able to understand Basics of analog and digital signals.

CSE204.2: Students should be able to understand basic semi-conductor devices' operation.

CSE204.3: Students should be able to get brief information about basics of Boolean algebra.

CSE204.4: Students should be able to learn about Multiplexers, Demultiplexers, Decoders, Encoders, and Gates

CSE204.5 Students should be able to learn lock Waveforms, TTL Clock, Schmitt Trigger, Flip-Flops

CSE205 Linux Operating System

CSE205.1: Students should be able to understand the basics of Linux O.S

CSE205.2: Students should be able to perform various task by learning command line interface

CSE205.3: Students should be able to troubleshoot the problem if any and configure the Linux O.S

CSE205.4: Students should be able to perform Operations and manipulate system with the help of commands

CSE205.5. Students should perform scripting and networking operations related to Linux OS

CSE225 Web Programming

CSE225.1: student must analyze the problem web design

CSE225.2: Student master to demonstrate basics of web design and HTML

CSE225.3: Students should differentiate HTML and java script.

CSE225.4: Students should design and apply appropriate jquery and bootstrap

CSE225.5: Graduate should be able to use angular JS and XML



Course Outcome

SEM-II

Class: FE CSE

CSE155 Computer Fundamental-2

CSE155.1 Write C program that uses Pointers, Structures & Files.

CSE155.2 Develop, execute and document computerized solution for various problems using features of C language.

Class: SE CSE

BSH/251 ENGINEERING MATHEMATICS IV

BSH251.1 Demonstrate basic knowledge of Laplace transform & show the impact of engineering mathematics.

BSH251.2 Demonstrate base concept of z transform which will used in engineering.

BSH251.3 Demonstrate the idea about complex variable to use numeral value used in engineering.

BSH251.4 Demonstrate basic knowledge complex integral.

CSE255 Computer Graphics

CSE255.1: Student should able to understand fundamentals of graphics

CSE255.2:: Student analyze the use of open GL

CSE255.3:: Students should able to use objects and transformation matrices

CSE255.4:: Students should provide services and features of the various viewing positioning of camera, back face detection.

CSE253 Object Oriented Programming with C++

CO1: Student should able to analyze the Modeling and design of object oriented programming.

CO2: Student analyze the data and select suitable methods for Subclasses, abstract classes, interfaces and virtual methods.

CO3: Students should able to use Algorithms for object oriented programming.



Course Outcome

C04: Students should provide services and features of the various Classes & Objects.

C05: To Analyze the Concept of Different Member Functions.

CSE274 OPEN SOURCE

C01: Students should be able to understand uses of open sources

C02: Students should be able to understand forms and session handling

C03: Students should be able to understand uses of mysql and php

C04: Students should be able to use different types of queries

CSE252 Discrete Mathematics

CSE252.1: Students should be able to understand mathematical proofs

CSE252.2: Students should be able to understand logical arguments and Logical constructs.

CSE252.3: Students should be able to understand sets, functions, and Relations.

CSE252.4: Students should be able to Possess the mathematical knowledge and maturity that are required for upper level computer.

CSE252.5: Students should be able to develop mathematical models.

SEM-I

Class: TE CSE

CSE305 DIGITAL IMAGE PROCESSING

C01: Students should be able to analyze basic terminology of digital image processing

C02: Students should be able to run algorithms of image transformation, image filtering

C03: Students should be able to evaluate image compressing techniques, image segmentation,

C04: Students should design and apply image processing algorithms in real time applications

CSE CSE304 Programming in Java

C01: Students should be able to analyze basic terminology algorithms

C02: Students should be able to run algorithms and use of compilers



Course Outcome

C03: Students should be able to understand interfacing and packages

C04: Students should be able to understand how to handle events in algorithm

CSE303 Database Management System

CSE303.1: Students should be able to understand the basics of Database Management System.

CSE303.2: Students should be able to perform various tasks related to organizing, manipulating and updating data.

CSE303.3: Students should be able to understand the concept of client applications and server applications and their connectivity

CSE303.4: Students should be able to perform scripting and handling the database and to manipulate that data

CSE303.5: Students should perform transactions on Database.

CSE301 Operating Systems

CSE301.1: student must describe general & overall architecture of OS.

CSE301.2: Student must have the understanding of issues related to memory.

CSE301.3: Students must be familiar with Sharing & Multithreading.

CSE301.4: Students must be able to manage and share resources among various users.

CSE301.5: Able to differentiate various OS & functionality.

CSE302: Software Engineering

CSE302.1: student should develop the software projects using the Software Engineering life cycle model.

CSE302.2: Student should be able to manage a software development project from beginning to end.

CSE302.3: Students should recognize the different software testing techniques.

CSE302.4: Students should use different software models such as waterfall, spiral & incremental model.

CSE302.5: Students should be able to create Web Apps using the concepts of software Engineering.

SEM-II

Class: TE CSE

CSE352 DESIGN AND ANALYSIS OF ALGORITHM



Course Outcome

CSE352.1: Students should be able to how to write pseudo-code

CSE352.2: Students should be able to understand how divide and conquer method is work

CSE352.3: Students should able to evaluate how actual greedy method is work

CSE352.4: Students should be able understand tree and graph traversal technique.

CSE354 Computer Network-2

CSE354.1: student should able to analyze the different types of Protocols.

CSE354.2: Student analyze the features and operations of various application layer protocols such as Http.

CSE354.3: Students should able to Recognize the different internetworking devices and their functions

CSE354.4: Students should services and features of the various layers of data networks.

CSE354.5: To Analyze the features and operations of various application layer protocols such as Http, DNS, and SMTP.

CSE375 SDL-II

CSE3754.1: Student should able to analyze the different types of android applications

CSE3754.2: Student analyze the features and operations of various application of android

CSE3754.3: Students should able to Recognize working life cycle of android application

CSE3754.4: Students should services and features of the various location based services used in android based applications

CSE3754.5. To Analyze the features and operations of various application and provide security

CSE353: Software Testing & Quality Assurance

CSE353.1: Graduate must be master of analyzing SDLC & predict effective & efficient software testing techniques.

CSE353.2: Expertise in defect management & documentations.

CSE353.3: Students should generate test cases of software from various test process for better quality software.

CSE353.4: Analyze various quality assurance aspects for different software.

CSE353.5. Differentiate between manual testing & automation testing.

CSE355 : Theory of Computation



Course Outcome

CSE355.1: Students should be able to understand abstractModels of computations.

CSE355.2: Students should able to create a background for design of compilers.

CSE355.3: Students should able to apply these models in practice for solving problems in diverse areas such as string Searching, pattern matching and language design.

CSE355.4: Students should able to perform properties of Context Free Languages And its uses.

CSE355.5. Students should able to learn and understand about the Turing machine And regarding transition diagram.

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CSE441 Cloud Computing

CSE441.1: Student should understand the appropriate cloud services for a given application.

CSE441.2: Student Should understand the importance and standards in management for cloud services.

CSE441.3: Student should Identify security implications in cloud computing with Analyze authentication, confidentiality and privacy issues in cloud computing.

CSE441.4: Students should assess the comparative merits and demerits of Virtualization technology as well as real time streaming process.

CSE441.5. Student should understand web services like SOAP and REST.

CSE401 Data Warehouse & Data Mining

CSE401.1: Student should able to analyze the Modeling and design of data warehouses.

CSE401.2: Student analyze the data and select suitable methods for data analysis.

CSE401.3: Students should able to use Algorithms for data mining

CSE401.4 Students should provide services and features of the various layers of data warehouse.

CSE401.5 Analyze the Data preprocessing and data quality.

CSE403 PRINCIPALS OF COMPILER DESIGN

CSE403.1: Student should able to analyze compiler and translator and bootstrapping.



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CSE403.2: Student analyze role of lexical analyzer

CSE403.3: Students should able to use parse tree ,syntax tree and code generations

CSE403.4: Students should provide services and features code optimization

CSE404 Visual Modeling

CSE404.1: Students should be able to understand the Time and Space complexities related to software

CSE404.2: Students should able to design basic object models

CSE404.3: Students should able design different aspects of software by learning various UML diagrams

CSE404.4: Students should able analyze various design patterns and develop different designs for software

CSE404.5: Students should perform practical's based on the case studies

CSE402 PARALLEL AND DISTRIBUTED COMPUTING

CSE402.1: Students will able to understand parallel computing and its applications in actual world.

CSE402.2: Students should able to understand working principals of GPUs

CSE402.3: Students should be able to understand actual working of distributed computing over the internet.

CSE402.4: Students should learn framework of distributed algorithms by using message passing.

SEM-II

Class: BE CSE

CSE453 SOFT COMPUTINGS

CSE453.1: Students will able to understand basics of artificial neural network and biological neural network

CSE453.2: Students should able to understand working principals feed-forward and feedback neural network

CSE453.3: Students should be able to understand actual working fuzzy logic and crisp logic.

CSE453.4: Students should learn how genetic algorithm related to artificial neural network and at the end how artificial neural network having tremendous advantages in real world. If ANN will get successfully implemented in future it will help to our society and reduce human efforts.



Course Outcome

CSE451 COMPUTER SYSTEM SECURITY AND LAWS

CSE451.1: Student should understand and identify the security components .

CSE451.2: Student Should understand the importance of cryptography, digital signature and certificates

CSE451.3: Student should able to understand the mechanism for authentication and authorization

CSE451.4: Student should understand the tools cyber forensics laws

CSE492 GREEN IT

CSE492.1: Students should be able to understand minimize power usage, procure sustainable hardware, design green data centers, and recycle computer equipment.

CSE492.2: Students should able acquire expertise for improving the energy efficiency of personal computers by reducing the power consumption requirements.

CSE492.3: Students should able evaluate the regulatory and governance issues surrounding IT.

CSE492.4: Students should able execute a virtualization plan.

CSE492.5: Students should able to learn about Green Cloud Computing understand and environmental Sustainability

CSE452 Mobile Computing

CSE452.1: Student should understand and identify the GSM, GPRS and Bluetooth software model for mobile computing.

CSE452.1: Student Should understand the importance of IPv4, IPv6 and its application.

CSE452.1: Student should able to understand the protocol and language to develop the mobile application.

CSE452.1: Student should understand the tools to make mobile application.



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