Lesson plan : 2022-23
Bsc 3rd semester computer science
Data Structure and Algorithms

Week	Topics
22July – 27July	Introduction to Data Structure, Arrays Linear and Binary Search
29– 3Aug	Elementary Sorting Techniques- Bubble Sort, Insertion Sort, Merge Sort
5 – 10Aug	Advanced Sorting Techniques- Heap Sort, Quick Sort
12 – 17Aug	Sorting in Linear time- Bracket Sort, Radix Sort and Count Sort, Recursion
19Aug– 24Aug	Implementing Stack using array and linked list, Prefix, Infix and Postfix expressions
26-31August	Utility and Conversion of these expressions from one to another; Queues: Array and Linked representation of Queue
2sept-7Sept	De-queue, Priority Queues, Linked Lists: Singly, doubly an Circular Lists
9sept – 14 sept	Representation of Stack and Queue as Linked Lists.
16Sept-21Sept	Assignment , Complexity Analysis.
23Sept – 28Sept	Trees: Introduction to Trees as a data structure; Binary Trees, , Greedy Algorithms.
30Sept-5Oct	Basic Design and Analysis Techniques of Algorithms, Correctness of Algorithm
7Oct-12Oct	Iterative Techniques, Divide and Conquer, Dynamic Programming
14Oct-19Oct	Binary Trees, (Creation, and Traversals of Binary Search Trees).
21Oct-26Oct	Revision
28Oct-2Nov	Binary Tree
4Nov-9Nov	Diwali
11Nov-16Nov	Test
18Nov-23Nov	Revision

Lesson Plan

Teacher …Parisha…

Class …B.Sc Computer Science 4th Sem…

Subject ……Skill Enhancement(HTML)

Session ……2024-25……

	Topics
1Jan-4Jan	The Basics, The Head, The Body, Colors, Attributes.
6 Jan-11Jan	Basic Formatting Tags
13 Jan-25Jan	Attributes-align ,color ,bgcolor ,font face ,border ,size.
27Jan-1Feb	Revision

	Topics
3Feb-8Feb	Lists-ordered, unordered and definition, Table Tag
10Feb-15 Feb	Navigation Links using anchor tag-Internal,External ,mail and image link
17Feb-22Feb	Relative and Absolute Link, Link Attributes
24Feb-1March	Images and Tables
3March-8March	Revision

	Topics
17March-22March	Forms-Basic Input and Attributes, Other kind of Inputs
24March-29March	Styling Forms with CSS
31March-5 April	Html Forms Controls and hidden controls.
7April-12April	REVISION
14April-19April	TEST and assignments
21April-26April	HTML commands
28April-30April	Revision

LESSON PLAN - Even Semester (2024-25)

Name of College: M.N.S. Govt College, Bhiwani

Name of the Assistant Professor: Parvesh Kumari

Class: M.A. 4th Semester (Political Science)

Paper: IT Skills (23-ITSC-N-101)

Sr. No.	Weeks	Topics to be Covered
1	1 Jan - 4 Jan	- Introduction to PC: Basics, Objectives - Central Processing Unit (CPU), Memory & Storage Devices - Memory Hierarchy,
2	6 Jan - 11 Jan	- Input/Output Devices: Monitors, Printers, Scanners, Keyboard,
3	13 Jan - 18 Jan	- Software Classification, Evolution of Operating Systems - Types of Operating Systems & Other Classification Criteria - Computer Virus: Definition, Types, and Prevention
4	20 Jan - 25 Jan	- Data vs. Information, Information vs. Knowledge
5	27 Jan - 1 Feb	- Introduction to the Internet: Evolution and Advantages - Internet Components & Internet Addresses - Connecting to the
6	3 Feb - 8 Feb	- Web Browsers: Microsoft Internet Explorer, Mozilla Firefox,
7	10 Feb - 15	- Data Communication: Basics and Types of Networks - LAN
8	17 Feb - 22	- Introduction to HTML: Basics, Structure, Working with HTML
9	24 Feb - 1 March	- Using Lists in Web Documents, Adding Graphics and Links - Creating Tables, Frames, and Forms in HTML
10	3 March - 8	- Overview of Multimedia: Components and Applications
11	9 March - 16 March	Holi Holidays
12	17 March - 22 March	- Hardware & Software Requirements for Multimedia
13	24 March - 29 March	- Microsoft PowerPoint: Creating, Saving & Printing Presentations - Different Views, Inserting Notes, Animations &
14	31 March - 5 April	- Microsoft Excel: Introduction, Components of MS Excel - Entering, Editing, Formatting, and Styling Data
15	7 April - 12	- Print Preview, Sorting & Filtering Data, Conditional Formatting
16	14 April - 19 April	- Microsoft Word: Basics, Document Editing, Saving - Creating Tables, Mail Merge, Headers & Footers
17	21 April - 26	- Spelling & Grammar Checker, Macros, Inserting Graphs and
18	28 April - 30	- Final Revision

LESSON PLAN –24 July to December(2024-25)

Name of College : M.N.S. Govt College, Bhiwani.

Name of the Assistant Professor: Parisha

Class :M.A English 1st Sem

Paper :IT Skills (23-ITSC-N-101)

Sr.no	Weeks	Topics to be Covered
1	14Augto !7Aug	Introduction to PC,objectives,CPU
2	!9to 24aug	Memory and Storage devices, Memory Hierarchy
3	26 to 31Aug	Input/Output Devices
4	2Sept to 7Sept	Software and types of software
5	9 Sept to 14Sept	Operating System and types ,Computer Virus
6	16Sept to21Sept	Data, Information ,knowledge and Internet
7	23Sept-28Sept	Concepts of Web Browsers, Search Engine and Data Communication
8	1Oct to 4 Oct	Assignment and Test
9	7Oct to 12Oct	Types of Network,LAN Topologies and HTML basics
10	14Oct-19Oct	HTML and Multimedia
11	21Oct to 26Oct And28-31Oct	MS Powerpoint-Creating A Presentation,Saving and Printing Presentations ,Views, Insert Notes ,Animation and Show
12	11 Nov to 16 Nov	Microsoft Excel-Introduction ,Components of MS Excel Window ,Entering Data in Worksheet ,Editing and Formatting , Print preview and Sorting and Filtering
13	18 Nov to 23Nov	Microsoft Word- Basics ,Editing ,Saving, Table, Mail Merge, Headers and Footers Macro ,Graphs and Pictures.
14	25-30Nov	Revision &Assignment

LESSON PLAN - Even Semester (2024-25)

Name of College : M.N.S. Govt College, Bhiwani.

Name of the Associate Professor: Jagbir Singh

Class : B.Sc. 6TH Sem. (Computer Science)

Paper : Object Oriented Programming using C++ (20UCS604)

Sr. No.	Weeks	Topics to be Covered
1	1 Jan to 4 Jan	Introduction to object oriented programming: Procedural vs. Object oriented programming, Characteristics of OOP: Objects, classes, Encapsulation, Data Abstraction
2	6 Jan to 11 Jan	Inheritance, Polymorphism, Dynamic Binding, and Message Passing
3	13 Jan to 18 Jan	Structure of C++ program: Data-types, Variables, Static Variables, Operators in C++
4	20 Jan to 25 Jan	Arrays, Strings, Structure, Functions, Recursion, Control Statements.
5	27 Jan to 1 Feb	Introduction to Class: Class Definition, Classes and Objects, Access Specifiers: Private, Public and Protected, Member functions of the
6	3 Feb to 8 Feb	Constructor and Destructor, Parameterized Constructor, Copy Constructors
7	10 Feb to 15 Feb	Inheritance: Reusability, Types of Inheritance: Single inheritance, Multiple, Multilevel, Hybrid Inheritance, Public, Private, and Protected Derivations
8	17 Feb to 22 Feb	Constructor and destructor in derived Class, Object initialization and conversions, Nested classes.
9	24 Feb to 1 March	Polymorphism: Function Overloading, Static Class Members, Static Member Functions, Friend Functions
10	3 March to 8 March	Operator Overloading: Unary and Binary Operator Overloading
11	9 March to 16 March	Holi holidays
12	17 March to 22 March	Abstract class, Virtual function, Pure virtual function, Overloading vs. Overriding. Memory management: new, delete, object Creation at Run Time, This Pointer
13	24 March to 29 March	Exception handling: Throwing, Catching, Re-throwing an exception, specifying exceptions, processing unexpected exceptions, Exceptions when handling exceptions.
14	31 March to 5 April	Templates: Introduction, Class templates and Function templates, Overloading of template function, namespaces.
15	7 April to 12 April	Introduction to STL: Standard Template Library: benefits of STL, containers, adapters, iterator, vector, list.
16	14 April to 19 April	Working with files: C++ streams, C++ stream classes, creating, opening, closing and deleting files.

17	21 April to 26 April	File pointers and their manipulators, Error handling during file operations.
18	28 April to 30 April	Revision

LESSON PLAN - Even Semester (2024-25)

Name of College: M.N.S. Govt College, Bhiwani

Name of Assistant Professor: Parvesh Kumari

Class: B.Sc. 6th Semester (Computer Science)

Paper: Management Information System (20UCS607)

Sr. No.	Weeks	Topics to be Covered
1	1 Jan - 4 Jan	- Introduction to Data and Information - MIS: Meaning and Concepts - Factors Influencing MIS - Characteristics of MIS
2	6 Jan - 11 Jan	- Technology of MIS - Structure of MIS - Decision Making and Role of MIS
3	13 Jan - 18 Jan	- Data Communication: Basic Hardware Requirements - Channel Features - Concept of Distributed Databases
4	20 Jan - 25 Jan	- Decision Support System (DSS): Overview - Components and Classification - Steps in Constructing a DSS - Role in Business, Group Decision Support System
5	27 Jan - 1 Feb	- Information System for Strategic Advantage - Strategic Role of Information Systems - Breaking Business Barriers
6	3 Feb - 8 Feb	- Business Process Reengineering - Improving Business Qualities
7	10 Feb - 15 Feb	- Planning for MIS - System Development Methodologies - Conceptual and Detailed Design of MIS
8	17 Feb - 22 Feb	- Information System Analysis and Design - Information System Development Life Cycle (SDLC)
9	24 Feb - 1 March	- Hardware and Software Acquisition - System Testing - Documentation and Its Tools - Conversion Methods
10	3 March - 8 March	- System Implementation Strategies and Process
11	9 March - 16 March	Holi Holidays
12	17 March - 22 March	- System Evaluation and Maintenance - Cross-functional MIS Applications

13	**24 March - 29 March**	- Enterprise Resource Planning (ERP) - Customer Relationship Management (CRM) - Supply Chain Management (SCM) - Transaction Processing
14	**31 March - 5 April**	- Artificial Intelligence Technologies in Business - Neural Networks, Fuzzy Logic, Virtual Reality
15	**7 April - 12 April**	- Executive Information System - Communication in Decision Making - Strategic Alternative Evaluation
16	**14 April - 19 April**	- Practical Applications and Case Studies
17	**21 April - 26 April**	- Revision and Discussion on Course Outcomes
18	**28 April - 30 April**	- Final Revision

Lesson Plan

Class: B.Sc. Physical Sciences (CS) 1st Semester
Subject: Problem Solving Through C (Major)
Lecture Time: 12:00 PM to 01:00 PM (4th)

Sr. No.	Topics to be Covered	Start Date	End Date
1.	**Unit 1:** Overview of C: History, Importance, Structure of C Program, Character Set, Constants and Variables, Identifiers and Keywords, Data Types, Assignment Statement, Symbolic Constant.	01 August	03 August
2.	Input/output: Formatted I/O Function-, Input Functions viz. scanf(), getch(), getche(), getchar(), gets().	08 August	10 August
3.	Output functions viz. printf(), putch(), putchar(), puts(), Revision.	15 August	17 August
4.	**Unit 2:** Operators & Expression: Arithmetic, Relational, Logical, Bitwise, Unary, Assignment, Conditional Operators and Special Operators Operator Hierarchy; Arithmetic Expressions, Evaluation of Arithmetic Expression.	22 August	24 August
5.	Type Casting and Conversion. Decision making with if statement, if-else statement, nested if statement, else-if ladder.	29 August	31 August
6.	Switch and break statement, goto statement, Looping Statements: for, while.	5 September	7 September
7.	Do-while loop, jumps in loops, Revision, Test.	12 September	14 September
8.	**Unit 3:** Arrays: One Dimensional arrays - Declaration, Initialization and Memory representation; Two Dimensional arrays - Declaration, Initialization and Memory representation.	19 September	21 September
9.	Functions: definition, prototype, function call, passing arguments to a function: call by value; call by reference, recursive functions.	26 September	28 September
10.	Strings: Declaration and Initialization, String I/O, Array of Strings, String Manipulation.	3 October	5 October
11.	Functions: String Length, Copy, Compare, Concatenate etc., Search for a Substring, Revision.	10 October	12 October
12.	**Unit 4:** Pointers in C: Declaring and initializing pointers, accessing address and value of variables using pointers.	17 October	19 October
13.	Pointers and Arrays, User defined data types: Structures - Definition, Advantages of Structure.	24 October	26 October
14.	Diwali Break	31 October	2 November
15.	Declaring structure variables, accessing structure members, Structure members initialization, Array of Structures.	7 November	9 November
16.	Unions - Union definition; difference between Structure and Union.	14 November	16 November
17.	Revision	21 November	23 November

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Lesson Plan

Class: B.Sc. Physical Sciences 1st Semester
Subject: Basics of Computer Science (Minor)
Lecture Time: 02:00 PM to 03:00 PM (6th)

Sr. No.	Topics to be Covered	Date
1.	**Unit 1:** Introduction to Computers: Definition of Computers, History and Generations of Computers.	02 August
2.	Characteristics of computer, Classification of Computers. Fundamental Block diagram of Computer: CPU.	09 August
3.	Input & Output Unit, Revision.	16 August
4.	**Unit 2:** Software: Definition of Software, Types of Software-System software.	23 August
5.	Application software and Utility software.	30 August
6.	Types of Computer Languages, Assemblers, Interpreters, Compiler.	6 September
7.	Revision, Test.	13 September
8.	**Unit 3:** Introduction to Operating Systems: Types of Operating System, Functions of Operating System.	20 September
9.	Windows: Introduction to Windows, Starting Windows, Desk Top, Task Bar, Opening and closing applications.	27 September
10.	Icons creating, renaming and removing. Date and Time setting.	4 October
11.	Working with files and folders-creating, deleting, opening, finding, copying, moving, and renaming, Revision.	11 October
12.	**Unit 4:** Networking: Concept, Basic Elements of a Communication System.	18 October
13.	Data Transmission Media, LAN, MAN, WAN.	25 October
14.	Diwali Break	1 November
15.	Introduction of Internet and WWW, Basic working of a Web Browser.	8 November
16.	Introduction to popular web browsers, Revision.	15 November
17.	Revision	22 November

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Lesson Plan

Class: B.Sc. Physical Sciences (CS) 2nd Semester
Subject: Web Development (Major)
Lecture Time: 12:00 PM to 01:00 PM (4th)

Sr. No.	Topics to be Covered	Start Date	End Date
18.	**Unit 1:** Introduction to Internet and World Wide Web (WWW); Evolution and History of World Wide Web, Web Pages and Contents,	30 January	1 February
19.	Web Clients, Web Servers, Web Browsers; Hypertext Transfer Protocol, URLs; Searching. Search Engines and Search Tools. Web Publishing: Hosting website; Internet Service Provider.	6 February	8 February
20.	Planning and designing website; Web Graphics Design, Steps For Developing website, Revision	13 February	15 February
21.	**Unit 2:** Creating a Website and Introduction to Markup Languages (HTML and DHTML), HTML Document Features & Fundamentals, HTML Elements, Creating Links; Headers.	20 February	22 February
22.	Text styles; Text Structuring; Text colour and Background; Formatting text; Page layouts, Images; Ordered and Unordered lists; Inserting Graphics.	27 February	1 March
23.	Table Creation and Layouts; Frame Creation and Layouts; Working with Forms and Menus; Working with Radio Buttons; Check Boxes; Text Boxes, HTML5, Revision, Test	6 March	8 March
24.	Holi Break	13 March	15 March
25.	**Unit 3:** Introduction to CSS (Cascading Style Sheets): Features, Core Syntax, Types, Style Sheets and HTML.	20 March	22 March
26.	Style Rule Cascading and Inheritance, Text Properties, CSS Box Model, Normal Flow Box Layout.	27 March	29 March
27.	Positioning, and other useful Style Properties; Features of CSS3, Revision	3 April	5 April
28.	**Unit 4:** The Nature of JavaScript: Evolution of Scripting Languages, JavaScript Definition.	10 April	12 April
29.	Programming for Non-Programmers, Introduction to Client–Side Programming.	17 April	19 April
30.	Enhancing HTML Documents with JavaScript. Static and Dynamic web pages, Revision	24 April	26 April

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Lesson Plan

Class: B.Sc. Physical Sciences 2nd Semester

Subject: Cloud Computing Skills (SEC)

Lecture Time: 01:00 PM to 02:00 PM (5th)

Sr. No.	Topics to be Covered	Start Date	End Date
1.	**Unit 1:** Basic Concepts of Cloud Computing Computer Network Basics.	31 January	1 February
2.	Concepts of Distributed Systems. Concepts of Cloud Computing and its Necessity.	7 February	8 February
3.	Cloud Service Providers in use and their Significance, Revision	14 February	15 February
4.	**Unit 2:** Cloud Infrastructure Cloud Pros and Cons.	21 February	22 February
5.	Cloud Delivery Models.	28 February	1 March
6.	Cloud Deployment Models, Revision, Test	7 March	8 March
7.	Holi Break	14 March	15 March
8.	**Unit 3:** Cloud Storage Management Concept of Virtualization and Load Balancing.	21 March	22 March
9.	Overview on Virtualization used for Enterprise Solutions, Key Challenges in managing Information.	28 March	29 March
10.	Identifying the problems of scale and management in big data, Revision	4 April	5 April
11.	**Unit 4:** Building Cloud Networks Designing and Implementing a Data Center-Based Cloud Installing Open Source Cloud service.	11 April	12 April
12.	Amazon Web Services (AWS).	18 April	19 April
13.	Google Cloud Platform, Revision	25 April	26 April

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Lesson Plan

Class: B.Sc. Physical Sciences 2nd Semester
Subject: Programming Methodologies (Minor)
Lecture Time: 02:00 PM to 03:00 PM (6th)

Sr. No.	Topics to be Covered	Date
1.	**Unit 1:** **Problem Solving**: Understanding the problem, Analyzing the problem, and Identifying the solution.	31 January
2.	**Tools for Problem-Solving**: Flowcharts and its Symbols. Algorithm designing. Examples of Algorithms with flow chart.	7 February
3.	Decision Table, Revision.	14 February
4.	**Unit 2:** **Program**: Concept of a program, Need for writing programs, Characteristics of a good program, Programming style.	21 February
5.	Documentation and Program Maintenance. **Debugging Programs**: Syntax Errors, Run-Time Errors, And Logical Errors.	28 February
6.	Process of conceptualizing a solution to a problem and moving from algorithm to programming, Revision, Test	7 March
7.	Holi Break	14 March
8.	**Unit 3:** **General Concepts**: Clarity and Simplicity of Expressions, Use of proper names for Identifiers, Comments, Indentation; and Documentation.	21 March
9.	**Programming Constructs**: Sequence, Selection, and Iteration; Simulation (dry run) of the program for better understanding of algorithm.	28 March
10.	Comparison and Analysis of Algorithms through Simulations, Revision.	4 April
11.	**Unit 4:** **Methodologies**: Structured programming, Top-down approach, Bottom-up approach.	11 April
12.	Functional programming, Modular programming, and Object-oriented programming.	18 April
13.	Revision	25 April

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Department of Computer Science
Weekly Lesson Plan

Class: B.Sc. 5th Semester
Paper SEC: Programming in Visual Basic

Sr. No.	Topics to be covered	Start Date	End Date
1.	GUI Environment: Introduction to graphical user interface (GUI), programminglanguage(procedural, object oriented, event driven).	22.07.2024	27.07.2024
2.	GUI environment, compiling, debugging, and running the programs.	29.07.2024	03.08.2024
3.	Operations: Data types, constants, named & intrinsic, declaring variables, scope of variables, val function, arithmetic operations, formatting data.	05.08.2024	10.08.2024
4.	Test/Revision	12.08.2024	17.08.2024
5.	Controls: Introduction to controls textboxes, frames, check boxes, option buttons, images, setting borders and styles.	19.08.2024	24.08.2024
6.	The shape control, the line control, working with multiple controls and their properties,	26.08.2024	31.08.2024
7.	Designing the user interface, keyboard access, tab controls, default & cancel property. codingforcontrols.	02.09.2024	07.09.2024
8.	Test/Revision	09.09.2024	14.09.2024
9.	Decision Making: If statement, comparing strings, compound conditions (and, or, not),	16.09.2024	21.09.2024
10.	nested if statements, case structure, using if statements with option buttons & check boxes,	23.09.2024	28.09.2024
11.	displaying message in message box, testing whether input is valid or not.	30.09.2024	07.10.2024
12.	Test/Revision	14.10.2024	19.10.2024
13.	Forms Handling: Multiple forms creating, adding, removing forms in project, hide, show method, load, unload statement, me keyword,	21.10.2024	26.10.2024
14.	referring to objects on a different form. Database connectivity with the form.	04.11.2024	09.11.2024
15.	Iteration Handling: Do/loops, for/next loops, using msgbox function. Using string function.	11.11.2024	16.11.2024
16.	Test/Revision	18.11.2024	23.11.2024
17.	Test/Revision/Seminar	25.11.2024	30.11.2024

Department of Computer Science
Weekly Lesson Plan

Class: UG-6thSemester
Paper SEC: Software Testing Concepts

Sr. No.	Topics to be covered	Start Date	End Date
1.	Software Testing: Basics of software testing, Strategic Approach to Software Testing, Testing objectives.	27.01.2025	01.02.2025
2.	Test Strategies for Conventional Software, Principles of testing. Testing and debugging.	03.02.2025	08.02.2025
3.	Test metrics and measurements, STLC, Verification, Validation, Software Quality and Reliability, V Shaped Software Lifecycle Model.	10.02.2025	15.02.2025
4.	Functional and non-functional Testing.	17.02.2025	22.02.2025
5.	System testing, recovery testing, security testing, stress testing.	24.02.2025	01.03.2025
6.	Performance testing, usability testing. White box testing, static testing, static analysis tools.	03.03.2025	08.03.2025
7.	Structural testing: Unit/Code functional testing. Code coverage testing, Code complexity testing, Black Box testing.	17.03.2025	22.03.2025
8.	Requirements based testing, Boundary value analysis, Equivalence partitioning. State/graph based testing, Scenario Testing.	24.03.2025	29.03.2025
9.	Alpha, Beta and Acceptance Testing: Acceptance criteria: test cases selection and execution, Decision Table Based Testing.	31.03.2025	05.04.2025
10.	Basis Path Testing: Program Graph, DD Path graph,	07.04.2025	12.04.2025
11.	Cyclomatic Complexity, Graph Matrices.	14.04.2025	19.04.2025
12.	Control Flow Testing: Statement Coverage, Branch Coverage, Condition Coverage, Path Coverage.	21.04.2025	26.04.2025

Department of Computer Science
Weekly Lesson Plan

Class: UG-1st Semester
Paper SEC: Basic IT Tools

Sr. No.	Topics to be covered	Start Date	End Date
1.	Introduction to Computer: Computer and Latest IT gadgets, Evolution of Computers & its applications.	22.07.2024	27.07.2024
2.	Basics of Hardware and Software, Application Software, Systems Software, Utility Software.	29.07.2024	03.08.2024
3.	Central Processing Unit, Input devices, Output devices, Computer Memory & storage, Mobile Apps.	05.08.2024	10.08.2024
4.	Test/Revision	12.08.2024	17.08.2024
5.	Introduction to Operating System, Functions of the Operating system, Operating Systems for Desktop and Laptop.	19.08.2024	24.08.2024
6.	Operating Systems for Mobile Phone and Tablets, User Interface for Desktop and Laptop, Task Bar, Icons & shortcuts, Running an Application, Operating System Simple Setting, Changing System Date and Time, Changing Display Properties.	26.08.2024	31.08.2024
7.	To Add or Remove Program and Features, Adding, Removing & Sharing Printers, File and Folder Management.	02.09.2024	07.09.2024
8.	Test/Revision	09.09.2024	14.09.2024
9.	Introduction to Internet and World Wide Web, Basic of Computer Networks, Local Area Network (LAN), Wide Area Network (WAN).	16.09.2024	21.09.2024
10.	Network Topology, Internet, Applications of Internet, Website Address and URL.	23.09.2024	28.09.2024
11.	Popular Web Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera etc.), Popular Search Engines, Searching on the Internet.	30.09.2024	07.10.2024
12.	Test/Revision	14.10.2024	19.10.2024
13.	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox.	21.10.2024	26.10.2024
14.	Creating and Sending a new E-mail, replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email, Email Signature.	04.11.2024	09.11.2024
15.	Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging (WhatsApp, Facebook Messenger, Telegram), Introduction to Blogs, Digital Locker.	11.11.2024	16.11.2024
16.	Test/Revision	18.11.2024	23.11.2024
17.	Test/Revision/Seminar	25.11.2024	30.11.2024

Department of Computer Science
Weekly Lesson Plan

Class: UG-2nd Semester
Paper SEC: Cloud Computing Skills

Sr. No.	Topics to be covered	Start Date	End Date
1.	Basic Concepts of Cloud Computing Computer Network Basics. Concepts of Distributed Systems.	27.01.2025	01.02.2025
2.	Concepts of Cloud Computing and its Necessity.	03.02.2025	08.02.2025
3.	Cloud Service Providers in use and their Significance.	10.02.2025	15.02.2025
4.	Cloud Infrastructure Cloud Pros and Cons.	17.02.2025	22.02.2025
5.	Cloud Delivery Models.	24.02.2025	01.03.2025
6.	Cloud Deployment Models.	03.03.2025	08.03.2025
7.	Cloud Storage Management Concept of Virtualization and Load Balancing.	17.03.2025	22.03.2025
8.	Overview on Virtualization used for Enterprise Solutions. Key Challenges in managing Information.	24.03.2025	29.03.2025
9.	Identifying the problems of scale and management in big data.	31.03.2025	05.04.2025
10.	Building Cloud Networks Designing and Implementing a Data Centre-Based Cloud Installing Open Source Cloud service.	07.04.2025	12.04.2025
11.	Amazon Web Services (AWS).	14.04.2025	19.04.2025
12.	Google Cloud Platform.	21.04.2025	26.04.2025