

Dayanand Mahila Mahavidyalaya, Kurukshetra

Lesson Plan (Even Semester)

Session 2025-26 (12.01.2026 to 05.05.2026)

Name of teacher: Ms. Himanshi

Subject: Cloud Computing, Programming for Problem Solving, Programming Methodologies

Date	Day	Class: B.Sc (NM)	Class : BCOM (V)+ BBA	Class: BCOM (V)
		Semester: 2nd	Semester: 2nd	Semester: 4th
12.01.2026	Monday		Basic concepts of Cloud computing, Concepts of Cloud Computing and its Necessity	Overview of C Concept, History, importance, Structure of C
13.01.2026	Tuesday		Types of Computer Network, Network Models, Concept of Distributed System	Character Set, Constants and variables, Identifiers and Keywords
14.01.2026	Wednesday	Problem Solving : Introduction		
15.01.2026	Thursday			Data Types, Assignment Statement, Symbolic Constants, Input/ Output
16.01.2026	Friday			
17.01.2026	Saturday			
19.01.2026	Monday		Concept of cloud computing , Traditional Computing Paradigms	Formatted I/O Function- Input Function Viz. scanf(), getch(), getchar(), gets(), output function viz. printf(), putchar(), puts
20.01.2026	Tuesday		Difference between Cloud Computing and Traditional, Distributed Computing	Revision , Test
21.01.2026	Wednesday	Understanding the Problem, Analyzing the problem		
22.01.2026	Thursday			Operators & Expression: Arithmetic, Relational, Logical, Bitwise
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi		
24.01.2026	Saturday			
26.01.2026	Monday	Republic Day		
27.01.2026	Tuesday		Cloud Services Provider and Their significance	Unary, Assignment, Conditional operators, and special operators. Operator Hierarchy:
28.01.2026	Wednesday	Identifying the Problem, Tools for Problem Solving , Flowcharts and its symbols		
29.01.2026	Thursday			Arithmetic Expressions, Evaluations of Arithmetic Expressions

30.01.2026	Friday			
31.01.2026	Saturday			
02.02.2026	Monday		Revision, Test	Revision, Test
03.02.2026	Tuesday		Cloud Services, Cloud Infrastructure, Cloud Development Models, Cloud Delivery Models	type casting and conversions: Decision making with if statement, if-else, nested if, else-if ladder statement
04.02.2026	Wednesday	Algorithm designing, Examples , Decision Table, Difference btw Flowchart, Algorithm, Decision Table		
05.02.2026	Thursday			Switch and Break statement, goto statement, Looping Statements: For, While, and do-while loop, Jumps in loops
06.02.2026	Friday			
07.02.2026	Saturday			
09.02.2026	Monday		Cloud Storage Management, Concept of Virtualization	Arrays: One dimensional arrays Declaration, Initialization and Memory representation
10.02.2026	Tuesday		How Does Virtualization Work?, Overview on Virtualization used for enterprises solutions	Two dimensional array-declaration, Initialization and Memory representation
11.02.2026	Wednesday	Program: Concept of a program , Need for writing a computer program		
12.02.2026	Thursday			Function definition prototype. Function call, Passing arguments to a function
13.02.2026	Friday			
14.02.2026	Saturday			
16.02.2026	Monday		Revision, Test	Revision, Test
17.02.2026	Tuesday			Call by reference, recursive functions, Strings: Declaration and Initialization
18.02.2026	Wednesday	Characteristics of a good Program, Programming Style		
19.02.2026	Thursday			String I/O, ARRAY OF Strings, String Manipulation Functions: String length
20.02.2026	Friday			
21.02.2026	Saturday			

23.02.2026	Monday		Concept of Load Balancing , Key Challenges in Managing Information	Copy, Compare, Concatenate etc. Search for a Substring
24.02.2026	Tuesday		Identifying th Problem of scale, Problems in Big Data Management	
25.02.2026	Wednesday	Revision, Test		
26.02.2026	Thursday			Revision Test
27.02.2026	Friday			
28.02.2026	Saturday			
01.03.2026 to 8.03.2026		Holi Vacations		
09.03.2026	Monday		Revision, Test	Pointers in C: Declaring and initializing pointers, accessing address and value of variables using pointers;
10.03.2026	Tuesday		Building Cloud Networks, Designing and Implementing a Data Center-Based Cloud	Pointers and arrays, User defined data types: Structures- Definition, Advantages of Structure
11.03.2026	Wednesday	Program Documentation , Program Maintenance, Debugging Programs: Syntax Errors types of Errors , Difference btw syntax, Run Time, Logical errors		
12.03.2026	Thursday			Declaring structure variables, accessing structure members
13.03.2026	Friday			
14.03.2026	Saturday			
16.03.2026	Monday		Open Source Cloud Service, Amazon Web Service(AWS)	Structure member initialization, Array of structure
17.03.2026	Tuesday		Google Cloud Platform	Union- Union definition; Difference between Structure and Union.
18.03.2026	Wednesday	General Cocepts: Clarity and Simplicity of expressions, use of proper name for Identifiers, Commments, identation, Documentation		
19.03.2026	Thursday			Revision, Test
20.03.2026	Friday			
21.03.2026	Saturday	Id-ul-Fitr		
23.03.2026	Monday	Shaheedi Diwas		
24.03.2026	Tuesday			Revision, Test

25.03.2026	Wednesday	Programming Constructs: sequence, Selection, and iteration, Simulation(dry run) of the program for better understain of algorithm, Comparison and analysis of Algorithms through simulations		
26.03.2026	Thursday	Ram Navami		
27.03.2026	Friday			
28.03.2026	Saturday			
30.03.2026	Monday		Revision, Test	Revision, Test
31.03.2026	Tuesday	Mahavir Jayanti		
01.04.2026	Wednesday	Revision, Test		
02.04.2026	Thursday			Revision, Test
03.04.2026	Friday			
04.04.2026	Saturday			
06.04.2026	Monday		Revision, Test	Revision, Test
07.04.2026	Tuesday		Revision, Test	Revision, Test
08.04.2026	Wednesday	Mehodologies: Structured Programming, Top-Down approach, Bottom-up approach		
09.04.2026	Thursday			Revision, Test
10.04.2026	Friday			
11.04.2026	Saturday			
13.04.2026	Monday		Revision, Test	Revision, Test
14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi		
15.04.2026	Wednesday	Functional Programming, Modular programming and object-oriented programming		
16.04.2026	Thursday			Revision, Test
17.04.2026	Friday			
18.04.2026	Saturday			
20.04.2026	Monday		Revision, Test	Revision, Test
21.04.2026	Tuesday		Revision, Test	Revision, Test
22.04.2026	Wednesday	Revision, Test		
23.04.2026	Thursday			
24.04.2026	Friday			
25.04.2026	Saturday			
27.04.2026	Monday		Revision, Test	Revision, Test
28.04.2026	Tuesday		Revision, Test	Revision, Test
29.04.2026	Wednesday	Revision, Test		
30.04.2026	Thursday			
01.05.2026	Friday			
02.05.2026	Saturday			
04.05.2026	Monday		Revision, Test	Revision, Test
05.05.2026	Tuesday		Revision, Test	Revision, Test
06.05.2026	Wednesday	Examination onwards		

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Dayanand Mahila Mahavidyalaya, Kurukshetra
Lesson Plan (Even Semester)
Session 2025-26 (12.01.2026 to 05.05.2026)
Name of teacher: Ms.Tanu

Subject: Concepts of Operating System, Web Development, Basics of Data Science using Python

Date	Day	Class: BCA	Class: BSC (C.S) + BCA	Class: BCA
		Semester: 2nd	Semester: 2nd	Semester: 6th
12.01.2026	Monday		Introduction to Internet and World Wide Web (WWW)	
13.01.2026	Tuesday		Evolution and History of World Wide Web	
14.01.2026	Wednesday		Web Pages and Contents, Web Clients	
15.01.2026	Thursday	Operating System, Functions and Characteristics		
16.01.2026	Friday	Historical Evolution of Operating Systems		Introduction to Data Science
17.01.2026	Saturday	Operating System Structure		Definition, importance, and applications
19.01.2026	Monday		Web Servers, Web Browsers; Hypertext Transfer Protocol	
20.01.2026	Tuesday		URLs; Searching, Search Engines and Search Tools	
21.01.2026	Wednesday		Web Publishing: Hosting website	
22.01.2026	Thursday	Types of Operating System		
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi		
24.01.2026	Saturday	Operating System Services, Operating System Interface		Python programming basics, data types, and structures
26.01.2026	Monday	Republic Day		
27.01.2026	Tuesday		Planning and designing website	
28.01.2026	Wednesday		Web Graphics Design, Steps For Developing Website	
29.01.2026	Thursday	Service System Calls, and System Programs		
30.01.2026	Friday	Process Management: Process Concepts		NumPy, pandas, and matplotlib
31.01.2026	Saturday	Process Control Block. Inter-Process Communication		basic operations with pandas DataFrame
02.02.2026	Monday		HTML and DHTML	
03.02.2026	Tuesday		HTML Document Features & Fundamentals	
04.02.2026	Wednesday		HTML Elements	

05.02.2026	Thursday	CPU Scheduling: Scheduling Criteria, Levels of Scheduling		
06.02.2026	Friday	Scheduling Algorithms		Data Import and Export
07.02.2026	Saturday	Test		Handling CSV, Excel, and other file formats
09.02.2026	Monday		Creating Links; Headers; Text styles; Text Structuring; Text color and Background	
10.02.2026	Tuesday		Formatting text; Page layouts, Images; Ordered and Unordered lists	
11.02.2026	Wednesday		Inserting Graphics; Table Creation and Layouts	
12.02.2026	Thursday	Synchronization: Critical Section Problem, Semaphores		
13.02.2026	Friday	Deadlocks: Deadlock Characterization, Methods for Handling Deadlocks		Data Cleaning Techniques
14.02.2026	Saturday	Deadlock Prevention, Deadlock Avoidance		Handling missing values, duplicates, and data inconsistencies
16.02.2026	Monday		Working with Forms and Menus	
17.02.2026	Tuesday		Working with Radio Buttons; Check Boxes; Text Boxes	
18.02.2026	Wednesday		HTML 5	
19.02.2026	Thursday	Deadlock Detection and Recovery		
20.02.2026	Friday	Test		Data Transformation: Data type conversion, normalization, and scaling
21.02.2026	Saturday	Memory Management Strategies		Data Visualization: Creating and customizing plots using matplotlib and Seaborn
23.02.2026	Monday		Test	
24.02.2026	Tuesday		Introduction to CSS (Cascading Style Sheets)	
25.02.2026	Wednesday		Features, Core Syntax, Types, Style Sheets and HTML	
26.02.2026	Thursday	Memory Management of Single-user and Multiuser Operating Systems		
27.02.2026	Friday	Partitioning, Swapping		Descriptive Statistics: Calculating mean, median, mode, standard deviation, and variance using pandas

28.02.2026	Saturday	Contiguous Memory Allocation, Paging and Segmentation		Inferential Statistics: Conducting hypothesis testing, t-tests, and chi-square tests.
01.03.2026 to 8.03.2026		Holi Vacations		
09.03.2026	Monday		Style Rule Cascading and Inheritance	
10.03.2026	Tuesday		Text Properties, CSS Box Model, Normal Flow Box Layout, Positioning	
11.03.2026	Wednesday		other useful Style Properties; Features of CSS3.	
12.03.2026	Thursday	Virtual Memory Management		
13.03.2026	Friday	Demand Paging, Page Replacement Algorithms, Thrashing.		
14.03.2026	Saturday	Test		
16.03.2026	Monday		Test	
17.03.2026	Tuesday		The Nature of JavaScript	
18.03.2026	Wednesday		Evolution of Scripting Languages	
19.03.2026	Thursday	Implementing File System		
20.03.2026	Friday	File System Structure		Regression Analysis: Implementing simple linear regression and multiple regression using scikit-learn.
21.03.2026	Saturday	Id-ul-Fitr		
23.03.2026	Monday	Shaheedi Diwas		
24.03.2026	Tuesday		JavaScript-Definition, Programming for Non-Programmers	
25.03.2026	Wednesday		Introduction to Client-Side Programming	
26.03.2026	Thursday	Ram Navami		
27.03.2026	Friday	File Operations		Predictive Modeling: Introduction to basic predictive models such as decision trees and logistic regression
28.03.2026	Saturday	Type of Files		Advanced Python Libraries
30.03.2026	Monday			
31.03.2026	Tuesday	Mahavir Jayanti		
01.04.2026	Wednesday		Enhancing HTML Documents with JavaScript. Static and Dynamic web pages	
02.04.2026	Thursday	Free Space Management		

03.04.2026	Friday	Disk Scheduling algorithm		Exploring advanced pandas, NumPy, and scikit-learn features
04.04.2026	Saturday	SSTF, Scan		Test
06.04.2026	Monday		Test	
07.04.2026	Tuesday		Revision Unit - 1	
08.04.2026	Wednesday		Test	
09.04.2026	Thursday	C- Scan, Look		
10.04.2026	Friday	C-Look		Data Analysis Tools: Time series analysis, clustering, and classification using scikit-learn.
11.04.2026	Saturday	SSD Management		What-If Analysis Tools
13.04.2026	Monday			
14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi		
15.04.2026	Wednesday		Revision Unit - 2	
16.04.2026	Thursday	Test		
17.04.2026	Friday	Revision Unit - 1		Test
18.04.2026	Saturday	Test		Sensitivity analysis and scenario analysis using Python
20.04.2026	Monday		Test	
21.04.2026	Tuesday		Revision unit - 3	
22.04.2026	Wednesday		Test	
23.04.2026	Thursday	Revision Unit - 2		
24.04.2026	Friday	Test		Revision Unit - 1
25.04.2026	Saturday	Revision Unit - 3		Revision Unit - 2
27.04.2026	Monday		Revision Unit - 4	
28.04.2026	Tuesday		Test	
29.04.2026	Wednesday		Doubt Class	
30.04.2026	Thursday	Test		
01.05.2026	Friday	Revision Unit - 4		Revision Unit - 3
02.05.2026	Saturday	Test		Test
04.05.2026	Monday			
05.05.2026	Tuesday			
06.05.2026	Wednesday	Examination onwards		

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Dayanand Mahila Mahavidyalaya, Kurukshetra**Lesson Plan (Even Semester)****Session 2025-26 (12.01.2026 to 05.05.2026)****Name of teacher: Mrs Konika****Subject: Programming using Python, Data Structures and Applications, Computer Network**

Date	Day	Class: BCA	Class: BCA	Class: Bsc
		Semester: III	Semester: II	Semester: III
12.01.2026	Monday		Introduction to Data Structure	Introduction to Computer Networks
13.01.2026	Tuesday		Classification of Data Structure	Types of networks
14.01.2026	Wednesday		Data Structure Operation	Network topologies
15.01.2026	Thursday	Introduction to Python		
16.01.2026	Friday	Python Interpreter		
17.01.2026	Saturday	Python as calculator		
19.01.2026	Monday		Applications of Data Structures	OSI model
20.01.2026	Tuesday		Algorithm Specification	TCP/IP model
21.01.2026	Wednesday		Arrays	Data Transmission methods
22.01.2026	Thursday	Python Shell		
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi		
24.01.2026	Saturday	Indentation		
26.01.2026	Monday	Republic Day		
27.01.2026	Tuesday		2D Array	Signal encoding techniques
28.01.2026	Wednesday		Operations on Array	Transmission media
29.01.2026	Thursday	Identifiers and keywords		
30.01.2026	Friday	Literals and strings		
31.01.2026	Saturday	Operators		
02.02.2026	Monday		Algorithms and implementation	Network Devices
03.02.2026	Tuesday		Doubt Session	Doubt session

04.02.2026	Wednesday		String Handling	Data Link layer
05.02.2026	Thursday	Input output statements		
06.02.2026	Friday	Control Statements		
07.02.2026	Saturday	Doubt Session		
09.02.2026	Monday		Operations on Strings	Error detection and correction
10.02.2026	Tuesday		Linked List	MAC protocols
11.02.2026	Wednesday		Operations of linked list	Ethernet Switching
12.02.2026	Thursday	String Manipulations		
13.02.2026	Friday	String Functions		
14.02.2026	Saturday	List and Tuples		
16.02.2026	Monday		Types of linked list	Network Layer
17.02.2026	Tuesday		Doubt Session	IP addressing
18.02.2026	Wednesday		Stack	Routing Algorithms
19.02.2026	Thursday	Sets		
20.02.2026	Friday	Dictionaries		
21.02.2026	Saturday	Dictionaries Functions		
23.02.2026	Monday		Stack algorithms	Doubt session
24.02.2026	Tuesday		Applications of Stack	Transport Layer
25.02.2026	Wednesday		Conversions	TCP/UDP
26.02.2026	Thursday	Arrays in Python		
27.02.2026	Friday	Hiding redundancy		
28.02.2026	Saturday	Arguments		
01.03.2026 to 8.03.2026		Holi Vacations		
09.03.2026	Monday		Simple Queue	congestion control
10.03.2026	Tuesday		Double Ended Queue	Application layer
11.03.2026	Wednesday		Circular and priority Queue	HTTP, FTP, DNS, SMTP
12.03.2026	Thursday	Program Structure		

13.03.2026	Friday	Recursive Functions		
14.03.2026	Saturday	Modules		
16.03.2026	Monday		Representation of queues	Web services
17.03.2026	Tuesday		Applications of queues	Network Applications
18.03.2026	Wednesday		Algorithms of queues	Doubt session
19.03.2026	Thursday	Exception Handling		
20.03.2026	Friday	Doubt Session		
21.03.2026	Saturday	Id-ul-Fitr		
23.03.2026	Monday	Shaheedi Diwas		
24.03.2026	Tuesday		Tree Concepts	Network Security
25.03.2026	Wednesday		Doubt Session	cryptography
26.03.2026	Thursday	Ram Navami		
27.03.2026	Friday	File Handling		
28.03.2026	Saturday	Manipulating Files		
30.03.2026	Monday		Binary tree traversal	Firewalls
31.03.2026	Tuesday	Mahavir Jayanti		
01.04.2026	Wednesday		Binary Search Trees	VPNs, IDS
02.04.2026	Thursday	OS & SYS modules		
03.04.2026	Friday	Reading and writing text		
04.04.2026	Saturday	Graphics		
06.04.2026	Monday		Operations of trees	Wireless Networks
07.04.2026	Tuesday		Searching and Sorting Techniques	Wifi, Bluetooth
08.04.2026	Wednesday		Bubble sort	Mobile networks
09.04.2026	Thursday	Turtle module		
10.04.2026	Friday	Digital images		
11.04.2026	Saturday	Image file formats		
13.04.2026	Monday		Selection sort	Doubt session

14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi		
15.04.2026	Wednesday		Quick Sort	Revision
16.04.2026	Thursday	Doubt Session		
17.04.2026	Friday	Revision		
18.04.2026	Saturday	Class Test		
20.04.2026	Monday		Searching Techniques	Revision
21.04.2026	Tuesday		Doubt Session	Revision
22.04.2026	Wednesday		Revision	Class Test
23.04.2026	Thursday	Revision		
24.04.2026	Friday	Revision		
25.04.2026	Saturday	Class Test		
27.04.2026	Monday		Revision	Revision
28.04.2026	Tuesday		Revision	Revision
29.04.2026	Wednesday		ClassTest	ClassTest
30.04.2026	Thursday	Revision		
01.05.2026	Friday	Revision		
02.05.2026	Saturday	Class Test		
04.05.2026	Monday		Revision	Revision
05.05.2026	Tuesday		Revision	Revision
06.05.2026	Wednesday	Examination onwards		

Konika

Dayanand Mahila Mahavidyalaya, Kurukshetra

Lesson Plan (Even Semester)

Session 2025-26 (12.01.2026 to 05.05.2026)

Name of teacher: Mrs. Swati Miglani

Subject: Artificial Intelligence, OOPS with C++, Cloud computing

Date	Day	Class BCA	Class BCA	Class BCA+B.Sc
		Semester VI	Semester II	Semester II
12.01.2026	Monday	introduction to Artificial intelligence	introduction to OOPS	Introduction about Cloud Computing
13.01.2026	Tuesday	importance	Features	Basic of Networking
14.01.2026	Wednesday	AI techniques	classes & objects	
15.01.2026	Thursday			
16.01.2026	Friday			
17.01.2026	Saturday			
19.01.2026	Monday	Criteria for success	Data hiding & encapsulation, abstraction	Concepts Of Distributed System
20.01.2026	Tuesday	problem space & search	types of classes	Continue...
21.01.2026	Wednesday	problem as a state space research	scope resolution operator	
22.01.2026	Thursday			
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi		
24.01.2026	Saturday			
26.01.2026	Monday	Republic Day		
27.01.2026	Tuesday	production system & features	operators & its uses	Basic Concept Of Cloud Computing
28.01.2026	Wednesday	issues in the search problem	static data member	
29.01.2026	Thursday			
30.01.2026	Friday			
31.01.2026	Saturday			
02.02.2026	Monday	heuristic search techniques	static member function	Cloud Infrastructure
03.02.2026	Tuesday	generate & test	structure vs class	Continue
04.02.2026	Wednesday	hill climbing	friend function & friend class	
05.02.2026	Thursday			
06.02.2026	Friday			
07.02.2026	Saturday			
09.02.2026	Monday	best first search, problem reduction	Constructor	Cloud Storage Management And Concept Of Virtualization
10.02.2026	Tuesday	constraints satisfaction	instantiation of object	Continue
11.02.2026	Wednesday	knowledge representation	default, parameterized const.	
12.02.2026	Thursday			
13.02.2026	Friday			
14.02.2026	Saturday			
16.02.2026	Monday	various approaches used	copy const. & its use	Load Balancing And Big Data
17.02.2026	Tuesday	issues	class Test	
18.02.2026	Wednesday	predicate logic	destructor, dynamic initialization	
19.02.2026	Thursday			
20.02.2026	Friday			
21.02.2026	Saturday			
23.02.2026	Monday	represent simple facts	unformatted & formatted I/O operations	Basic of Networking

24.02.2026	Tuesday	instances, computable functions	continue...	continue..
25.02.2026	Wednesday	natural language processing	insertion & extrarction operator	
26.02.2026	Thursday			
27.02.2026	Friday			
28.02.2026	Saturday			
01.03.2026 to 8.03.2026		Holi Vacations		
09.03.2026	Monday	class test	function: declaration & definition	Amazon Web Series And Google Platform
10.03.2026	Tuesday	semantic processing	return values, arguments, passing parameters	continue..
11.03.2026	Wednesday	discourse & pragmatic processing	call by reference, call by pointer	
12.03.2026	Thursday			
13.03.2026	Friday			
14.03.2026	Saturday			
16.03.2026	Monday	introduction to learning	recursion, inline function	continue..
17.03.2026	Tuesday	rote learning	function overloading	continue..
18.03.2026	Wednesday	learning in problem solving	pointer, structure & union	
19.03.2026	Thursday			
20.03.2026	Friday			
21.03.2026	Saturday	Id-ul-Fitr		
23.03.2026	Monday	Shaheedi Diwas		
24.03.2026	Tuesday	continue..	class test	class test
25.03.2026	Wednesday	explanation based learning	operator overloading	
26.03.2026	Thursday	Ram Navami		
27.03.2026	Friday			
28.03.2026	Saturday			
30.03.2026	Monday	expert system	unary & binary	revision
31.03.2026	Tuesday	Mahavir Jayanti		
01.04.2026	Wednesday	domain specific knowledge	arithmetic operator	revision
02.04.2026	Thursday			
03.04.2026	Friday			
04.04.2026	Saturday			
06.04.2026	Monday	continue..	manipulation of string	class test
07.04.2026	Tuesday	expert system shells	inheritance	revision
08.04.2026	Wednesday	continue..	derived class, base class, accessing the base class	
09.04.2026	Thursday			
10.04.2026	Friday			
11.04.2026	Saturday			
13.04.2026	Monday	class test	types of inheritance	revision
14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi		
15.04.2026	Wednesday	revision	virtual base class, abstract class	
16.04.2026	Thursday			
17.04.2026	Friday			
18.04.2026	Saturday			
20.04.2026	Monday	revision	virtual function, pure virtual function	class test
21.04.2026	Tuesday	revision	polymorphism & its types	revision
22.04.2026	Wednesday	revision	exception handling	
23.04.2026	Thursday			

24.04.2026	Friday			
25.04.2026	Saturday			
27.04.2026	Monday	class test	exception handling model	revision
28.04.2026	Tuesday	revision	continue...	revision
29.04.2026	Wednesday		continue...	
30.04.2026	Thursday			
01.05.2026	Friday			
02.05.2026	Saturday			
04.05.2026	Monday	revision	Revision	revision
05.05.2026	Tuesday	revision	Revision	revision
06.05.2026	Wednesday	Examination onwards		

Surti

Dayanand Mahila Mahavidyalaya, Kurukshetra

Lesson Plan (Even Semester)

Session 2025-26 (12.01.2026 to 05.05.2026)

Name of teacher: Mrs. Neelam

Subject: Computer

Date	Day	Class:BCA	Class: BCA
		Semester: 6th	Semester: 4th
12.01.2026	Monday		Introduction: History of Computer Graphics
13.01.2026	Tuesday		Applications of Computer Graphics
14.01.2026	Wednesday		Components of interactive graphics systems
15.01.2026	Thursday	Advanced Front-End Development	
16.01.2026	Friday	Advanced HTML5 & CSS3	
17.01.2026	Saturday	Advanced HTML5 & CSS3	
19.01.2026	Monday		Display devices: Refresh CRT, Color CRT
20.01.2026	Tuesday		LCD Panels, Raster-scan System
21.01.2026	Wednesday		Random scan System
22.01.2026	Thursday	CSS Preprocessors	
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi	
24.01.2026	Saturday	JavaScript ES6+	
26.01.2026	Monday	Republic Day	
27.01.2026	Tuesday		Graphic software, Input/Output Devices, Tablets
28.01.2026	Wednesday		Output Primitives: Points and Lines
29.01.2026	Thursday	Advanced JavaScript concepts	
30.01.2026	Friday	ES6+ features (Arrow functions, Template literals Destructuring)	
31.01.2026	Saturday	Front-End Frameworks: Introduction to React	
02.02.2026	Monday		DDA algorithm, Bresenham's algorithm
03.02.2026	Tuesday		Polynomial Method, Bresenham's algorithm
04.02.2026	Wednesday		Parametric representation of Cubic Curves
05.02.2026	Thursday	Angular	
06.02.2026	Friday	Component based architecture	
07.02.2026	Saturday	State management with Redux	
09.02.2026	Monday		Bezier Curves
10.02.2026	Tuesday		Revision...
11.02.2026	Wednesday		class test
12.02.2026	Thursday	Advanced Back-End Development	
13.02.2026	Friday	Server-Side Programming	
14.02.2026	Saturday	Express.js	
16.02.2026	Monday		2D Transformation
17.02.2026	Tuesday		Composite Transformation: Translation, Scaling
18.02.2026	Wednesday		Rotation, Mirror Reflection
19.02.2026	Thursday	GraphQL, Middleware	
20.02.2026	Friday	Authentication (JWT, OAuth)	

21.02.2026	Saturday	Database Management: Advanced SQL concepts	
23.02.2026	Monday		Rotation about an Arbitrary Poin
24.02.2026	Tuesday		Clipping and Windowing, Clipping Operations
25.02.2026	Wednesday		Line Clipping Algorithms
26.02.2026	Thursday	NoSQL databases (Firestore)	
27.02.2026	Friday	ORMs (Sequelize)	
28.02.2026	Saturday	Revision.....	
01.03.2026 to 8.03.2026		Holi Vacations	
09.03.2026	Monday		The Mid-Point subdivision method
10.03.2026	Tuesday		Cohen-Sutherland Line Clipping Algorithms
11.03.2026	Wednesday		Polygon method
12.03.2026	Thursday	Revision.....	
13.03.2026	Friday	Revision.....	
14.03.2026	Saturday	Class test.....	
16.03.2026	Monday		Mid term..
17.03.2026	Tuesday		Polygon Clipping
18.03.2026	Wednesday		Sutherland Hodgeman Algorithms
19.03.2026	Thursday	Full-Stack Development	
20.03.2026	Friday	Integrating Front-End and Back-End	
21.03.2026	Saturday	Id-ul-Fitr	
23.03.2026	Monday	Shaheedi Diwas	
24.03.2026	Tuesday		revision...
25.03.2026	Wednesday		class test
26.03.2026	Thursday	Ram Navami	
27.03.2026	Friday	Mid term	
28.03.2026	Saturday	Building a full-stack application	
30.03.2026	Monday		revision...
31.03.2026	Tuesday	Mahavir Jayanti	
01.04.2026	Wednesday		class test
02.04.2026	Thursday		Text Clipping
03.04.2026	Friday	Handling asynchronous operations	
04.04.2026	Saturday	Real-time applications with WebSockets	
06.04.2026	Monday		3-D Graphics
07.04.2026	Tuesday		3-D object representations
08.04.2026	Wednesday		3-D Transformations
09.04.2026	Thursday	Performance Optimization	
10.04.2026	Friday	Code splitting and lazy loading	
11.04.2026	Saturday	Caching strategies, Optimizing images and assets	
13.04.2026	Monday		Translation, Rotation
14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi	
15.04.2026	Wednesday		Scaling, Projections
16.04.2026	Thursday	Deployment and DevOps	
17.04.2026	Friday	Deployment Strategies: CI/CD pipelines	
18.04.2026	Saturday	Containerization with Docker	
20.04.2026	Monday		Hidden surface elimination
21.04.2026	Tuesday		Back face removal, Depth Buffer algorithm
22.04.2026	Wednesday		Scan-line algorithm

23.04.2026	Thursday	Deployment platforms (Heroku, AWS, Netlify)	
24.04.2026	Friday	DevOps and Monitoring: Infrastructure as code	
25.04.2026	Saturday	Monitoring and logging (Prometheus, Grafana)	
27.04.2026	Monday		Depth sort algorithm, Shading
28.04.2026	Tuesday		Revision.....
29.04.2026	Wednesday		Class test.....
30.04.2026	Thursday	Revision.....	
01.05.2026	Friday	Class test.....	
02.05.2026	Saturday	Revision.....	
04.05.2026	Monday		Revision.....
05.05.2026	Tuesday		Revision.....
06.05.2026	Wednesday	Examination onwards	

Heulam

Dayanand Mahila Mahavidyalaya, Kurukshetra**Lesson Plan (Even Semester)****Session 2025-26 (12.01.2026 to 05.05.2026)****Name of teacher: Ms. Neetu Dhiman****Subject: Networking & ERP, Front-end Development, DBMS**

Date	Day	Class:BCA+Bsc(N.M+C.S)	Class:BCA	Class:Bsc.(C.S)
		Semester:6th	Semester:4th	Semester:4th
12.01.2026	Monday	Introduction about Comp Network	Intoduction to javascript	Introduction about Database
13.01.2026	Tuesday	Network Design	Introduction to Objects	Basic Concepts of Database
14.01.2026	Wednesday	Comm Service Method & Data Transmission	Creating and Types of Objects	File based & Database Approach
15.01.2026	Thursday			
16.01.2026	Friday			
17.01.2026	Saturday			
19.01.2026	Monday	OSI Reference Model	Object Methods, Constructor function	DBMS Componets, Function, Interface
20.01.2026	Tuesday	Functions of layers	Prototype in Javascript	Advantage & Disadvantage of DBMS
21.01.2026	Wednesday	Intro about Physical Layer	Inheritance using prototype chain	Database Administrator, Role & Responsibilities
22.01.2026	Thursday			
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi		
24.01.2026	Saturday			
26.01.2026	Monday	Republic Day		
27.01.2026	Tuesday	Wired & Wireless Communication Media	Introduction to RegExp	Databse Designer, App Developers
28.01.2026	Wednesday	Continue...	Regular Expression Usage, Modifiers	DBMS Architecture 1-tier, 2-tier
29.01.2026	Thursday			
30.01.2026	Friday			
31.01.2026	Saturday			
02.02.2026	Monday	Multiplexing	RegExp Patterns, Methods String Methods for	3 Level of Architecture
03.02.2026	Tuesday	Switching	Doubts....	Dta Independence, Mapping
04.02.2026	Wednesday	Doubts....	Type Conversion in Javascript	Data Models: Hierarchical, Network

05.02.2026	Thursday			
06.02.2026	Friday			
07.02.2026	Saturday			
09.02.2026	Monday	Data Link Layer	Introduction to Event handling, Javascript event	Relational Data Models
10.02.2026	Tuesday	Framing Techniques	Event handler, flow, building & capturing	Doubts..
11.02.2026	Wednesday	Flow Control, MAC	Event listner & Event types, Interoduction to DOM	Class Test
12.02.2026	Thursday			
13.02.2026	Friday			
14.02.2026	Saturday			
16.02.2026	Monday	Intro of Network Hardware	Types of DOM, DOM standards & methods	Entity Relationship Model
17.02.2026	Tuesday	Components of N/W H/W	Manipulating documents using DOM	Integrity Constraints
18.02.2026	Wednesday	Routing Algorithms	Handling images, Table Manipulation	Designing E-R Diagram
19.02.2026	Thursday			
20.02.2026	Friday			
21.02.2026	Saturday			
23.02.2026	Monday	Encryption Method, Security Issue, Threats	Animation, Node & Node-list handling	Introduction about SQL
24.02.2026	Tuesday	Introduction about ERP	Class Test	Components:DDL, DML, DCL, DQL
25.02.2026	Wednesday	Process approach to Business	Introduction to BOM, DOM vs BOM differences.	Basic Queries,Join Op, Views, Indexes, Constraint
26.02.2026	Thursday			
27.02.2026	Friday			
28.02.2026	Saturday			
01.03.2026 to 8.03.2026		Holi Vacations		
09.03.2026	Monday	Types of Info in Bussiness	Window object & Method	Relational Algebra
10.03.2026	Tuesday	Doubts....	BOM history, Location, Timer, Intro to Cookies	Class Test
11.03.2026	Wednesday	Class Test	Doubts....	Relational Calculus
12.03.2026	Thursday			
13.03.2026	Friday			
14.03.2026	Saturday			

16.03.2026	Monday	System approach to IM	Session & Persistent cookies.	Doubts..
17.03.2026	Tuesday	Integrated data model	Introduction to form handling	Relational Model: FD
18.03.2026	Wednesday	ERP Technologies	Form Processing, Object	Inference Rules For FD
19.03.2026	Thursday			
20.03.2026	Friday			
21.03.2026	Saturday	Id-ul-Fitr		
23.03.2026	Monday	Shaheedi Diwas		
24.03.2026	Tuesday	Management Info System	Accessing data from forms	Types of Functional Dependency
25.03.2026	Wednesday	Decision Support System	Class Test	Continue..
26.03.2026	Thursday	Ram Navami		
27.03.2026	Friday			
28.03.2026	Saturday			
30.03.2026	Monday	Class Test	Form Validation, Additional features in forms	Normalization Benefits, Need
31.03.2026	Tuesday	Mahavir Jayanti		
01.04.2026	Wednesday	Executive Info System	Validation APIs	Types of Norml Form
02.04.2026	Thursday			
03.04.2026	Friday			
04.04.2026	Saturday			
06.04.2026	Monday	Revision	Introduction to jQuery	Continue..
07.04.2026	Tuesday	Supply Chain Managemnet	jQuery Syntax, Selectors	1 NF, 2 NF
08.04.2026	Wednesday	ERP Modules	jQuery Events, jQuery Effects	3 NF, 4 NF
09.04.2026	Thursday			
10.04.2026	Friday			
11.04.2026	Saturday			
13.04.2026	Monday	Continue...	jQuery HTML	Multivalued Dependency
14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi		
15.04.2026	Wednesday	Implementing ERP Solution	jQuery Traversing	4 NF, Join Dependency
16.04.2026	Thursday			

17.04.2026	Friday			
18.04.2026	Saturday			
20.04.2026	Monday	Doubts....	jQuery AJAX	5 NF
21.04.2026	Tuesday	Class Test	jQuery Misc	Domain Key Normal Form
22.04.2026	Wednesday	Revision	Revision	Doubts...
23.04.2026	Thursday			
24.04.2026	Friday			
25.04.2026	Saturday			
27.04.2026	Monday	Class Test	Revision	Class Test
28.04.2026	Tuesday	Revision	Class Test	Revision
29.04.2026	Wednesday	Revision	Revision	Class Test
30.04.2026	Thursday			
01.05.2026	Friday			
02.05.2026	Saturday			
04.05.2026	Monday	Class Test	Class Test	Revision
05.05.2026	Tuesday	Revision	Revision	Class Test
06.05.2026	Wednesday	Examination onwards		

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Dayanand Mahila Mahavidyalaya, Kurukshetra

Lesson Plan (Even Semester)

Session 2025-26 (12.01.2026 to 05.05.2026)

Teacher Name: Mrs. Yashu

Subject: Software Testing, Network and ERP, CLOUD Computing

Date	Day	Class: BCA Ind & B.Sc Ind	Class: B.COM(VOC)3rd	Class: B.COM(G+SFS)1st
		Semester: 4th	Semester: 6th	Semester: 2nd
12.01.2026	Monday	Introduction to Software Testing	Introduction about Comp Network	Introduction about Cloud Computing
13.01.2026	Tuesday	Continue...	Network Design	Basic of Networking
14.01.2026	Wednesday	Continue...	Comm Service Method & Data Transmission	
15.01.2026	Thursday			
16.01.2026	Friday			
17.01.2026	Saturday			
19.01.2026	Monday	Types Of Testing	OSI Reference Model	Continue...
20.01.2026	Tuesday	Continue...	Functions of layers	Continue...
21.01.2026	Wednesday	Continue...	Intro about Physical Layer	
22.01.2026	Thursday			
23.01.2026	Friday	Sir Chhotu Ram Jayanti/Basant Panchmi		
24.01.2026	Saturday			
26.01.2026	Monday	Republic Day		
27.01.2026	Tuesday	Continue...	Wired & Wireless Communication Media	Continue...
28.01.2026	Wednesday	Level Of Testing	Continue...	
29.01.2026	Thursday			
30.01.2026	Friday			
31.01.2026	Saturday			
02.02.2026	Monday	Continue...	Multiplexing	Continue...
03.02.2026	Tuesday	Continue...	Switching	Class Test
04.02.2026	Wednesday	Continue...	Doubts....	
05.02.2026	Thursday			
06.02.2026	Friday			
07.02.2026	Saturday			
09.02.2026	Monday	Continue...	Data Link Layer	Concepts Of Distributed System
10.02.2026	Tuesday	Continue...	Framing Techniques	Continue...
11.02.2026	Wednesday	Continue...	Flow Control, MAC	
12.02.2026	Thursday			
13.02.2026	Friday			
14.02.2026	Saturday			
16.02.2026	Monday	Continue..	Intro of Network Hardware	Continue..
17.02.2026	Tuesday	Continue..	Components of N/W H/W	Continue..
18.02.2026	Wednesday	Revision...	Routing Algorithms	
19.02.2026	Thursday			
20.02.2026	Friday			
21.02.2026	Saturday			
23.02.2026	Monday	Class Test....	Encryption Method, Security Issue, Threats	Basic Concept Of Cloud Computing
24.02.2026	Tuesday	Test Planning	Introduction about ERP	Continue...

25.02.2026	Wednesday	Continue...	Process approach to Business	
26.02.2026	Thursday			
27.02.2026	Friday			
28.02.2026	Saturday			
01.03.2026 to 8.03.2026		Holi Vacations		
09.03.2026	Monday	Continue...	Types of Info in Bussiness	Continue...
10.03.2026	Tuesday	Continue...	Doubts....	Continue...
11.03.2026	Wednesday	Continue...	Class Test	
12.03.2026	Thursday			
13.03.2026	Friday			
14.03.2026	Saturday			
16.03.2026	Monday	Continue...	System approach to IM	Cloud Infrastructure
17.03.2026	Tuesday	Continue...	Integrated data model	Continue...
18.03.2026	Wednesday	Continue...	ERP Technologies	
19.03.2026	Thursday			
20.03.2026	Friday			
21.03.2026	Saturday	Id-ul-Fitr		
23.03.2026	Monday	Shaheedi Diwas		
24.03.2026	Tuesday	Revision...	Management Info System	Continue...
25.03.2026	Wednesday	Revision...	Decision Support System	
26.03.2026	Thursday	Ram Navami		
27.03.2026	Friday			
28.03.2026	Saturday			
30.03.2026	Monday	Class Test....	Class Test	Cloud Storage Management And Concept Of Virtulization
31.03.2026	Tuesday	Mahavir Jayanti		
01.04.2026	Wednesday	Class Test....	Executive Info System	
02.04.2026	Thursday			
03.04.2026	Friday			
04.04.2026	Saturday			
06.04.2026	Monday	Revision...	Revision	Continue...
07.04.2026	Tuesday	Revision...	Supply Chain Managemnet	Continue...
08.04.2026	Wednesday	Revision...	ERP Modules	
09.04.2026	Thursday			
10.04.2026	Friday			
11.04.2026	Saturday			
13.04.2026	Monday	Class Test....	Continue...	Cloud Storage Management And Concept Of Virtulization
14.04.2026	Tuesday	Dr. B.R. Ambedkar Jayanti/Vaisakhi		
15.04.2026	Wednesday		Implementing ERP Solution	
16.04.2026	Thursday			
17.04.2026	Friday			
18.04.2026	Saturday			
20.04.2026	Monday	Class Test....	Doubts....	Load Balancing And Big Data
21.04.2026	Tuesday	Revision...	Class Test	Continue
22.04.2026	Wednesday	Revision...	Revision	
23.04.2026	Thursday			
24.04.2026	Friday			

25.04.2026	Saturday			
27.04.2026	Monday	Revision...	Class Test	Basic of Networking
28.04.2026	Tuesday	Revision...	Revision	Continue
29.04.2026	Wednesday	Revision...	Revision	Amazon Web Series And Google Platform
30.04.2026	Thursday			
01.05.2026	Friday			
02.05.2026	Saturday			
04.05.2026	Monday	Class Test....	Class Test	continue
05.05.2026	Tuesday	Class Test....	Revision	Revision...
06.05.2026	Wednesday	Examination onwards		