Govt. College, Aharwala (Bilaspur)

Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Dr. Sunil Taneja**
Department	**Computer Science**
Class & Section	**BCA-I**
Subject and Code	**Concepts of Operating Systems B23-CAP-203**
Semester	**Even Semester**

Topics

February 2024

Introductory Concepts: Operating System, Functions and Characteristics, Historical Evolution of Operating Systems, Operating System Structure.

Types of Operating System: Real-time, Multiprogramming, Multiprocessing, Batch processing.

Operating System Services, Operating System Interface, Service System Calls, and System Programs.
Process Management: Process Concepts, Operations on Processes, Process States, and Process Control Block. Inter-Process Communication.

March 2024

CPU Scheduling: Scheduling Criteria, Levels of Scheduling, Scheduling Algorithms, Multiple Processor Scheduling, Algorithm Evaluation.

Synchronization: Critical Section Problem, Semaphores, Classical Problem of Synchronization, Monitors.
Deadlocks: Deadlock Characterization, Methods for Handling Deadlocks, Deadlock Prevention, Deadlock Avoidance, Deadlock Detection and Recovery.

April 2024

Memory Management Strategies: Memory Management of Single-user and Multiuser Operating Systems, Partitioning, Swapping, Contiguous Memory Allocation, Paging and Segmentation;
Virtual Memory Management: Demand Paging, Page Replacement Algorithms, Thrashing.

May 2024

Implementing File System: File System Structure, File System Implantation, File Operations, Type of Files, Directory Implementation, Allocation Methods, and Free Space Management.

Disk Scheduling algorithm - SSTF, Scan, C- Scan, Look, C-Look.
SSD Management.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Dr. Amit Kapoor**
Department	**Computer Science**
Class & Section	**BCA IV Sem**
Subject and Code	**Advanced Programming using C++**
Semester Duration	**Jan 24 to April 24**

Topics

Month of January

- Inheritance: Rules of Derivations – Private, Protected and Public Derivations
- Different Forms of Inheritance - Single, Multiple,
- Multilevel, Hierarchical
- Multipath Inheritance
- Roles of Constructors and Destructors in Inheritance

Month of February

- Type Conversion: Basic Type Conversion, Conversion between objects and basic types
- Conversion between objects of different classes
- Dynamic Polymorphism: Function Overriding,

Month of March

- Virtual Function and its Need,
- Pure Virtual Function, Abstract Class
- Virtual Derivation, Virtual Destructor
  Exception Handling in C++: try, throw and catch,

Month of April

- Class templates in C++,
- Files I/O in C++: Class Hierarchy for Files I/O, Text versus Binary Files,
- Opening and Closing Files, File Pointers,
- Operation on files.
- Revision, Important Question Discussion, last Years Q/Paper Discussion

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Dr. Amit Kapoor**
Department	**Computer Science**
Class & Section	**BCA VI Sem**
Subject and Code	**Operating System-II**
Semester Duration	**Jan 24 to April 24**

Topics

Month of January

- Directory Structure: Single Level, Two Level, Tree Structures,
- Acyclic Graph, General Graph;
- Directory Implementation, Recovery
- Secondary Storage Structure: Disk Structure
- Disk Scheduling: FCFS, SSTF, SCAN, C-SCAN, LOOK;
- Selection of Disk Scheduling Algorithm;
- Disk Management;
- Swap Space Management

Month of February

- Linux: Introduction, Features,
- Architecture, Distributions,
- Accessing Linux System,
- Login/Logout/Shutting Down,
- Comparison of Linux with other Operating Systems,
- Commands in Linux: General-Purpose Commands,
- File Oriented Commands,
- Directory Oriented Commands,
- Communication Oriented Commands,
- Process Oriented Commands,
- Redirection of Input and Output,
- Pipes

Month of March

- Linux File System: Types of Files in Linux,
- File Attributes,
- Structure of File System, inode, File Permission,
- File System Components, Standard File System, File System Types,
- Disk Related Commands
- Processes in Linux: Introduction, Job Control in Linux using at, batch, corn & time commands

Month of April

- The vi editor: Introduction, Modes of vi Editor,
- Command in vi Editor
- Shell Programming: Introduction, Shell Variables, Shell Keywords, Operators, Assigning Values to the Variables, I/O in Shell,
- Control Structures, Creating & Executing Shell Programs in Linux.
- Process Synchronization: The Critical Section Problem – Single Process/Two Process Solutions;
- Semaphores – Types, Implementation, Deadlocks and Starvation;
- The Bounded Buffer Problem, The Readers and Writers Problem,
- The Dining-Philosophers Problem, Critical Regions, Monitors
- Revision, Important Question Discussion, last Years Q/Paper Discussion

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Amit Kumar**
Department	**Computer Science**
Class & Section	**BCA 2nd Semester**
Subject and Code	BCA & B23-CAP-201 (Object Oriented Programming using C++)
Semester Duration	**Feb 2024 to May 2024**

Topics

Month of Feb

Input Output in C++: Unformatted and Formatted I/O Operations. I/O using insertion and extraction operators and streams in C++.

Functions: Declaration and Definition, return values, arguments, passing parameters by value, call by reference, call by pointer, Recursion, Inline Functions, Function overloading. Pointers, structures, and union in C++.

Month of March

Object-oriented features of C++: Class and Objects, Data hiding & encapsulation, abstraction, Data Members and Member Functions, accessing class members, empty class, local class, global class, Scope Resolution Operator and its Uses, Static Data Members, Static Member Functions, Structure vs Class, Friend function and friend class.

Constructors and Destructors: Constructors, Instantiation of objects, Default constructor, Parameterized constructor, Copy constructor and its use, Destructors, Dynamic initialization of objects.

Month of April

Operator Overloading: Overloading unary and binary operators: arithmetic operators, manipulation of strings using operators.

Inheritance: Derived class, base class, Accessing the base class member, Inheritance: multilevel, multiple, hierarchical, hybrid; Virtual base class, Abstract class.

Month of May

Virtual Functions, pure virtual functions; Polymorphism & its types

Exception Handling in C++: exception handling model, exception handling constructs - try, throw, catch, Order of catch blocks, Catching all exceptions, Nested try blocks, handling uncaught exceptions.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Odd Semester]

Name of Teacher	**Amit Kumar**
Department	**Computer Science**
Class & Section	**BCA 4th Semester**
Subject and Code	MANAGEMENT INFORMATION SYSTEM (BCA – 246)
Semester Duration	**Jan 2024 to April 2024**

Topics

Month of Jan

Introduction to system and Basic System Concepts, Types of Systems, The Systems Approach, Information System: Definition & Characteristics, Types of information, Role of Information in DecisionMaking, Sub-Systems of an Information system: EDP and MIS management levels, EDP/MIS/DSS.

Month of Feb

An overview of Management Information System: Definition & Characteristics, Components of MIS, Frame Work for Understanding MIS: Information requirements & Levels of Management, Simon's Model of decision-Making, Structured Vs Un-structured decisions, Formal vs. Informal systems.

Month of March

Developing Information Systems: Analysis & Design of Information Systems: Implementation & Evaluation, Pitfalls in MIS Development.

Month of April

Functional MIS: A Study of Personnel, Financial and production MIS, Introduction to e-business systems, ecommerce – technologies, applications, Decision support systems – support systems for planning, control and decision-making

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	Nisha Rani
Department	Computer Science
Class & Section	BCA 6TH SEMESTER
Subject and Code	Web Designing Using Advanced Tools, BCA-361
Semester Duration	Month of January, February, March, April

Topics

Month of January

Interactivity Tool - JavaScript: Introduction, Features, Data types, Operators, Statements, Functions, Event Handling, Use of Predefined Object and Methods, Frames, Windows, Tables, Images, Links Interactivity Tool - VBScript: Introduction, Features, Variables, Data Types, Numeric and Literal Constants, Arrays, Operators, Subroutine Procedures, Function Procedures, Control Statements, Strings, Message and Input Boxes, Date and Time, Event Handlers, Embedding VBScript in HTML

Month of February

Interactivity Tool - Active Script Pages – Introduction, Features, Client-Server Model, Data Types, Decision Making Statements, Control statements, Use of Various Objects of ASP, Various Techniques of Connecting to Database Other Interactivity Tools - Macromedia Flash, Macromedia Dreamweaver, PHP: Basic Introduction and Features

Month of March

DHTML: Introduction, Features, Events, Dynamic Positioning, Layer Object, Properties of STYLE, Dynamic Styles, Inline Styles, Event Handlers; Cascading Style Sheets (CSS): Basic Concepts, Properties, Creating Style Sheets; Common Tasks with CSS: Text, Fonts, Margins, Links, Tables, Colors; Marquee; Mouseovers; Filters and Transitions; Adding Links; Adding Tables; Adding Forms; Adding Image and Sound; Use of CSS in HTML Documents Linking and Embedding of CSS in HTML Document

Month of April

Microsoft FrontPage: Introduction, Features, Title Bar, Menu bar, FrontPage Tool Bar, Style, FontFace and Formatting Bar, Scroll Bars XML: Introduction, Features, XML Support and Usage, Structure of XML Documents, Structures in XML, Creating Document Type Declarations, Flow Objects, Working with Text and Font, Color and Background Properties;

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	NISHA RANI
Department	COMPUTER SCIENCE
Class & Section	BCA 6TH SEMESTER
Subject and Code	Computer Graphics,BCA-363
Semester Duration	Month Of January, Month Of February, Month Of March, Month Of April

Topics

Month of January

Introduction to Computer Graphics: Interactive and Passive Graphics; Applications of Computer Graphics; Display Devices: CRT, Random Scan, Raster Scan, Refresh Rate and Interlacing, Bit Planes, Color Depth, Color Palette, Color CRT Monitor, DVST, Flat-Panel Displays: Plasma Panel, LED,LCD, Lookup Table, Interactive Input Devices, Display Processor, General Purpose Graphics Software, Coordinate Representations.

Month of February

Point-Plotting Techniques: Scan Conversion, Scan-Converting a Straight Line: The Symmetrical DDA, The Simple DDA, Bresenham's Line Algorithm, Scan-Converting a Circle: Circle drawing using Polar Coordinates, Bresenham's Circle Algorithm, Scan-Converting an Ellipse, Polynomial Method, Trigonometric Method; Polygon Area Filling: Scan-line Fill and Flood Fill Algorithms.

Month of March

Two-Dimensional Graphics Transformation: Basic Transformations: Translation, Rotation, Scaling; Matrix Representations and Homogeneous Coordinates, Other Transformations: Reflection, Shearing; Coordinate Transformations; Composite Transformations; Inverse Transformation; Affine Transformations; Raster Transformation,

Month of April

Point Clipping; Line Clipping: Cohen-Sutherland Line Clipping Algorithm, MidPoint Subdivision Line Clipping Algorithm.,Polygon Clipping: Sutherland-Hodgman Polygon Clipping Algorithm, Three-Dimensional Graphics: Three-Dimensional Display Methods; 3-D Transformations: Translation, Rotation, Scaling; Composite Transformations,

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	NISHA RANI
Department	Computer Science
Class & Section	Bcom CAV 6TH Semester
Subject and Code	ENTERPRISE RESOURCE PLANNING,BC(Voc)-606
Semester Duration	Month Of January, Month Of February, Month Of March, Month Of April

Topics

Month of January

Enterprise: Concept And Functions, Process Approach To Business, Types Of Information In Business, Systems Approach To Information Management.

Month of February

Integrated Data Model, ERP: Concept, Origin And Need, Reasons Of Growth Of ERP, Introduction To ERP Technologies, Business Process Reengineering.

Month of March

Decision Support System, Executive Information System, ERP Modules: Finance, Sales, Distribution, Manufacturing, Inventory Management, CRM, Etc.

Month of April

Vendours For ERP, Implementing ERP Solution, Supply Chain Management System, Supply Chain Management System.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	NISHA RANI
Department	COMPUTER SCIENCE
Class & Section	Bcom CAV 5TH Semester
Subject and Code	Social Networking and Data Analytics,BC (Voc)-605
Semester Duration	Month Of January, Month Of February, Month Of March, Month Of April

Topics

Month of January

Social Networking: Concept, Evolution And Applications, Expansion Of Social Networking, Using Popular Social Networking Sites: Facebook, Twitter, Linked In, Instagram, Blogging Etc., Trends In Social Media.

Month of February

Organize, Access And Share Information Using Social Networks, Messaging Services As Social Networking, Business Applications Of Social Networking: Product Promotion, Publicity, Etc., Social And Ethical Aspects Of Social Networking.

Month of March

Social Networking And Legislation: Privacy Issues, Security, Data Protection, Etc., Big Data And Hadoop: Concept And Evolution. Features Of Big Data, Managing Big Data, Tools And Languages Used For Data Analysis - R, Excel, Sql, Python & Tableau.

Month of April

Data Visualization And Statistical Interpretation For Analytics, Introduction To Data Warehousing And OLAP, Data Preparation, Predictive Analysis – Linear Regression, Classification, Clustering, Time Series, Etc.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	Nisha Rani
Department	Computer Science
Class & Section	BCA 4TH SEM
Subject and Code	RELATIONAL DATABASE MANAGEMENT SYSTEM, BCA – 244
Semester Duration	Month Of January, Month Of February, Month Of March, Month Of April

Topics

Month of January

Relational Model Concepts, Codd's Rules for Relational Model, Relational Algebra:-Selection and Projection, Set Operation, Renaming, Join and Division, Relational Calculus: Tuple Relational Calculus and Domain Relational Calculus.

Month of February

Functional Dependencies and Normalization:-Purpose, Data Redundancy and Update Anomalies, Functional Dependencies:-Full Functional Dependencies and Transitive Functional Dependencies, Characteristics of Functional Dependencies, Decomposition and Normal Forms (1NF, 2NF, 3NF & BCNF).

Month of March

SQL: Data Definition and data types, SQL Operators, Specifying Constraints in SQL, Basic DDL, DML and DCL commands in SQL, Simple Queries, Nested Queries, Tables, Views, Indexes, Aggregate Functions, Clauses

Month of April

PL/SQL architecture, PL/SQL and SQL*Plus, PL/SQL Basics, Advantages of PL/SQL, The Generic PL/SQL Block: PL/SQL Execution Environment, PL/SQL Character set and Data Types, Control Structure in PL/SQL, Cursors in PL/SQL, Triggers in PL/SQL, Programming using PL/SQL.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	NISHA RANI
Department	COMPUTER SCIENCE
Class & Section	BA COMPUTER SCIENCE 4TH SEM
Subject and Code	Object Oriented Programming with C++
Semester Duration	Month Of January, Month Of February, Month Of March, Month Of April

Topics

Month of January

Object oriented Programming: Object-Oriented programming features and benefits. Object-Oriented features of C++, Class and Objects, Data Hiding & Encapsulation, Structures, Data members and Member functions, Scope resolution operator and its significance, Static Data Members, Static member functions, Nested and Local Class, Accessing Members of Class and Structure.

Month of February

Constructor, Initialization using constructor, types of constructor– Default, Parameterized & Copy Constructors, Constructor overloading, Default Values to Parameters, Destructors, Console I/O: Hierarchy of Console Stream Classes, Unformatted and Formatted I/O Operations.

Month of March

Manipulators, Friend Function, Friend Class, Arrays, Array of Objects, Passing and Returning Objects to Functions, String Handling in C++, Dynamic Memory Management: Pointers, new and delete Operator, Array of Pointers to Objects, this Pointer, Passing Parameters to Functions by Reference & pointers.

Month of April

Static Polymorphism: Operators in C++, Precedence and Associativity Rules, Operator Overloading, Unary & Binary Operators Overloading, Function Overloading, Inline Functions, Merits/Demerits of Static Polymorphism.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	NISHA RANI
Department	COMPUTER SCIENCE
Class & Section	BA COMPUTER SCIENCE 4TH SEM
Subject and Code	Operating System, PAPER -II
Semester Duration	Month Of January, Month Of February, Month Of March, Month Of April

Topics

Month of January

Introduction: operating system, architecture, functions, characteristics, historical evolution, types: Serial batch, multiprogramming, time sharing, real time, distributed and parallel. OS as resource Manager. Computer system structures: I/O structure, storage structure, storage hierarchy. Operating system structure: system components, services, system calls, system programs, system structures.

Month of February

Process management: process concepts, process state, process control block, operations, process scheduling, inter process communication. CPU Scheduling: scheduling criteria, levels of scheduling, scheduling algorithms, multiple processor scheduling. Deadlocks: Characterization, methods of handling, deadlock detection, prevention, avoidance, recovery.

Month of March

Storage Management: memory management of single-user and multiuser operating system, partitioning, swapping, paging and segmentation, virtual memory, Page replacement Algorithms, Thrashing. Process synchronization: critical section problems, semaphores. Mutual exclusion

Month of April

Device and file management: Disk scheduling, Disk structure, Disk management, File Systems: Functions of the system, File access and allocation methods, Directory Systems: Structured Organizations, directory and file protection mechanisms.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**BCA 4th Semester**
Subject and Code	**Advance Data structure**
Semester Duration	**1st Jan 2024 – 30 April 2024**

Topics

Month of January

Tree: Introduction, Definition, Representing Binary tree in memory, Traversing binary trees, Traversal algorithms using stacks, Binary search trees: introduction, storage, Searching, Insertion and deletion in a Binary search tree, Heap sort , Huffman's algorithm, General trees

Month of February

Graph: Introduction, Graph theory terminology, Sequential and linked representation of graphs, operations on graphs, traversal algorithms in graphs and their implementation, Warshall's algorithm for shortest path, Dijkstra algorithm for shortest path

Month of March

Sorting: Internal & external sorting, Radix sort, Quick sort, Merge sort, Tournament sort, Comparison of various sorting and searching algorithms on the basis of their complexity.

Month of April

Files: Introduction Attributes of a file, Classification of files, File operations, Comparison of various types of files, File organization: Sequential, Indexed-sequential, Random-access file. Hashing: Introduction, Collision resolution.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**B.Com 4th Semester (CAV)**
Subject and Code	**Java**
Semester Duration	**1st Jan 2024 - 30th April 2024**

Topics

Month of January

Introduction to Java- features of Java- object oriented concepts- data types – variables- arrays- operators

Month of February

control statements- input and output- scanner and system - class print(), printIn(), printf() methods; Class- objects- constructors- overloading method- access control- static and fixed methods- inner classes- string class- inheritance.

Month of March

GUI components- common GUI event types and listener interfaces - Joptionpane – Jlabel – JtextField – Jbutton – JcheckBox - JTextarea – JcomboBox – Jlist – Jpannel - Mouse Event Handling – Adapter Classes - Key Event Handling.

Month of April

Layout Managers – Flow layout, Borderlayout, Gridlayout - Graphics and Java 2D - Graphics contexts and Graphics objects - Color control - Font Control – Drawing Lines, Rectangles and ovals - JSlider- Using menus with frames

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**B.A.6th Sem**
Subject and Code	**Paper-II: Computer Networks**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Introduction to Data Communication and Computer Networks; Uses of Computer Networks; Types of Computer Networks and their Topologies; Network Hardware Components: Connectors, Transceivers, Repeaters, Hubs, Network Interface Cards and PC Cards, Bridges, Switches, Routers, Gateways; Network Software: Network Design issues and Protocols; Connection-Oriented and Connectionless Services; OSI Reference Model; TCP/IP Model;

Month of February

Analog and Digital Communications Concepts: Analog and Digital data and signals; Bandwidth and Data Rate, Capacity, Baud Rate; Guided and Wireless Transmission Media; Communication Satellites; Switching and Multiplexing; Modems and modulation techniques;

Month of March

Data Link Layer Design issues; Error Detection and Correction methods; Sliding Window Protocols: One-bit, Go Back N and Selective Repeat; Media Access Control: ALOHA, Slotted ALOHA, CSMA, Collision free protocols; Introduction to LAN technologies: Ethernet, Switched Ethernet, Fast Ethernet, Gigabit Ethernet; Token Ring; Introduction to Wireless LANs and Bluetooth;

Month of April

Routing Algorithms: Flooding, Shortest Path Routing, Distance Vector Routing; Link State Routing, Hierarchical Routing; Congestion Control; Traffic shaping; Choke packets; Load shedding; Application Layer: Introduction to DNS, E-Mail and WWW services; Network Security Issues: Security attacks; Encryption methods; Firewalls; Digital Signatures;

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**BCA 6th Semester**
Subject and Code	**Advanced Programming with Visual Basic**
Semester Duration	**1st Jan 2024 - 30 April 2024**

Topics

Month of January

Working with Menu: Menu Designing in VB, Adding a Menu to a Form, Modifying and Deleting Menu Items, Adding Access Characters, Adding Shortcut Keys, Manipulating Menus using Common Dialog Box, Attaching Code to Events, Creating Submenus, Dynamic Menu Appearance Advanced Controls in VB: Scroll Bar, Slider Control, Tree View, List View, Rich Text Box Control, Toolbar, Status Bar, Progress Bar, Cool bar, Image List Program Development in VB using Menus and Advance Controls

Month of February

Collections: Adding, Removing, Counting, Returning Items in a Collection, processing a Collection; Working with Forms: Form Properties, Creating, Adding, Removing Forms in Project, Adding Multiple Forms, Managing Forms at Run Time, Hiding & Showing Forms, Load & Unload Statements, Drag and Drop Operation, Activate & Deactivate events, Form-load event, Example using Forms, Programs in VB using Forms

Month of March

Accessing Databases: Data Controls, Data-Bound Controls, DAO, RDO, ADO, Creating the Database, Setting Properties, Applying Operations on Database, Viewing the Database, Updating the Database (adding, deleting records) Program Development in VB using Database and Advance Controls

Month of April

Working with Graphics: Using Paint, Line, Circle, Manipulating Graphics Program Development in VB using Files and Graphics File Handling & File Controls: Sequential & Random files, Opening and Closing Data Files, Viewing the Data in a File, Performing Operations on a File, Creating a Sequential Data File, Writing Data to a Sequential File, Reading the Data in a Sequential File, Finding the End of a Data File, Locating a File, Reading and Writing a Random File (get, put, LOF, seek).

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**B.Sc. 6th Sem**
Subject and Code	**Paper -I RDBMS**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Relational Model Concepts, Codd's Rules for Relational Model, Hierarchical Data Model– Introduction, Features, Components, Example, Network Data Model– Introduction, Features, Components, Example, Differences between Hierarchical Data Model and Network Data Model Comparison of Relational Data Model with Hierarchical Data Model and Network Data Model Relational Algebra:-Selection and Projection, Set Operation, Join and Division.

Month of February

Relational Calculus: Tuple Relational Calculus and Domain Relational Calculus. Functional Dependencies and Normalization -- Purpose, Data Redundancy, Update Anomalies, Partial/Fully Functional Dependencies, Transitive Functional Dependencies, Characteristics of Functional Dependencies, Decomposition and Normal Forms (1NF, 2NF, 3NF & BCNF).

Month of March

SQL: Data Definition and data types, Create Table, Insert Data, Viewing Data, Filtering Table Data, Sorting data, Creating Table from a Table, Destroy table, Update, View, Delete, Join, Concatenating data from Table Specifying Constraints in SQL; Primary Key, Foreign Key, Unique Key, Check Constraint, Using Functions

Month of April

PL/SQL-Introduction, Advantages of PL/SQL The Generic PL/SQL Block: PL/SQL Execution Environment; PL/SQL Character Set and Data Types, Declaration and Assignment of Variables Control Structure in PL/SQL: Conditional Control, Iterative Control, Sequential Control

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**B.Sc. 6th Sem**
Subject and Code	**Paper-II: Computer Networks**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Introduction to Data Communication and Computer Networks; Uses of Computer Networks; Types of Computer Networks and their Topologies; Network Hardware Components: Connectors, Transceivers, Repeaters, Hubs, Network Interface Cards and PC Cards, Bridges, Switches, Routers, Gateways; Network Software: Network Design issues and Protocols; Connection-Oriented and Connectionless Services; OSI Reference Model; TCP/IP Model;

Month of February

Analog and Digital Communications Concepts: Analog and Digital data and signals; Bandwidth and Data Rate, Capacity, Baud Rate; Guided and Wireless Transmission Media; Communication Satellites; Switching and Multiplexing; Modems and modulation techniques;

Month of March

Data Link Layer Design issues; Error Detection and Correction methods; Sliding Window Protocols: One-bit, Go Back N and Selective Repeat; Media Access Control: ALOHA, Slotted ALOHA, CSMA, Collision free protocols; Introduction to LAN technologies: Ethernet, Switched Ethernet, Fast Ethernet, Gigabit Ethernet; Token Ring; Introduction to Wireless LANs and Bluetooth;

Month of April

Routing Algorithms: Flooding, Shortest Path Routing, Distance Vector Routing; Link State Routing, Hierarchical Routing; Congestion Control; Traffic shaping; Choke packets; Load shedding; Application Layer: Introduction to DNS, E-Mail and WWW services; Network Security Issues: Security attacks; Encryption methods; Firewalls; Digital Signatures;

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**B.Com (CAV) 4th Sem**
Subject and Code	**ADVANCED COMPUTER APPLICATIONS**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Networking: fundamentals, LAN/MAN/WAN, topologies, transmission media, ISDN, B-ISDN, protocols- TCP/IP, OSI, ATM, internet services; hardware and software requirements for internet; browsers- internet explorer, mozilla firefox, opera, google chrome; search engines; webpage.

Month of February

Information technology application in business, E-business, net banking; online purchasing and selling; online banking, electronic payment systems- an overview.

Month of March

E-governance- concept and examples. digitalization of services – income tax, digital lockers, etc. E-disha, etc., linking AADHAR to service – issues and impact.

Month of April

Social and ethical aspects of IT. Cyber Laws – IT Act 2000, impact of IT on other laws concerning business; cyber security – threats, anti-virus software, firewalls, etc.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**B.Sc 2nd Sem**
Subject and Code	Programming Methodologies
Semester Duration	**1st feb 2024 – 20th May 2024**

Topics

Month of February

Problem Solving: Understanding the problem, Analyzing the problem, and Identifying the solution.
Tools for Problem-Solving: Flowcharts and its Symbols. Algorithm designing. Examples of Algorithms with flow chart. Decision Table.

Practicum:

- Draw a flowchart and design an algorithm that calculates simple interest using principle, rate, and time.
- Draw a flowchart and write an algorithm to swap the values of two variables.
- Draw a flowchart and design an algorithm to check whether the given number is even or odd.

Month of March

Program: Concept of a program, Need for writing programs, Characteristics of a good program, Programming style, Documentation, and Program Maintenance.

Debugging Programs: Syntax Errors, Run-Time Errors, Logical Errors.Process of conceptualizing a solution to a problem and moving from algorithm to programming.

Practicum:

- Draw a flowchart and design an algorithm that inputs three numbers and displays the largest number.
- Draw a flowchart and design an algorithm to find the smallest from n numbers.
- Draw a flowchart and design an algorithm to find the greatest from n numbers.

Month of April

General Concepts: Clarity and Simplicity of Expressions, Use of proper names for Identifiers, Comments, Indentation; and Documentation.
Programming Constructs: Sequence, Selection, and Iteration; Simulation (dry run) of the program for better understanding of algorithm; Comparison and Analysis of Algorithms through simulations.

Practicum:

- Draw a flowchart and design an algorithm to find the sum and average of n input numbers.

- Draw a flowchart and design an algorithm to find the sum of the digits of the input number.
- Identify the requirements for a college system computerization.

Month of May

Methodologies: Structured programming, Top-down approach, Bottom-up approach, Functional programming, Modular programming, and Object-oriented programming.

Practicum:

- Identify the various modules in a banking system.
- Identify the complete design of a general grocery store.
- Draw the decision table for finding the greatest of three numbers.
- Draw to decision table for checking eligibility for admission to college in an undergraduate programme taking your own assumptions.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ajay Rattan**
Department	**Computer Science**
Class & Section	**BCA 2nd Sem**
Subject and Code	Introduction to Web Technologies
Semester Duration	**1st feb 2024 – 20th May 2024**

Topics

Month of February

Introduction to Internet and World Wide Web (WWW); Evolution and History of World Wide Web, Web Pages and Contents, Web Clients, Web Servers, Web Browsers; Hypertext Transfer Protocol, URLs; Searching, Search Engines and Search Tools.

Web Publishing: Hosting website; Internet Service Provider; Planning and designing website; Web Graphics Design, Steps for Developing website

Month of March

Creating a Website and Introduction to Markup Languages (HTML and DHTML), HTML Document Features & Fundamentals, HTML Elements, Creating Links; Headers; Text styles; Text Structuring; Text colour and Background; Formatting text; Page layouts, Images; Ordered and Unordered lists; Inserting Graphics; Table Creation and Layouts; Frame Creation and Layouts; Working with Forms and Menus; Working with Radio Buttons; Check Boxes; Text Boxes, HTML5

Month of April

Introduction to CSS (Cascading Style Sheets): Features, Core Syntax, Types, Style Sheets and HTML, Style Rule Cascading and Inheritance, Text Properties, CSS Box Model, Normal Flow Box Layout, Positioning, and other useful Style Properties; Features of CSS3

Month of May

The Nature of JavaScript: Evolution of Scripting Languages, JavaScript-Definition, Programming for Non-Programmers, Introduction to Client–Side Programming, Enhancing HTML Documents with JavaScript. Static and Dynamic web pages

Government College Aharwala, Bilaspur (Yamunanagar)
Lesson Plan (Session- 2023-24)
(Even Semester)

Name of Teacher: Dr. Satnam Singh
Department : Computer Science
Class & Semester: B.C.A. 4TH Sem.
Subject & Code: BCA 243 E- Commerce

JAN

Introduction to E-Commerce:-Business operations; E-commerce practices vs. traditional business practices; concepts of b2b, b2c,c2c,b2g,g2h,g2c; Features of E-Commerce, Types of Ecommerce Systems, Elements of E-Commerce, principles of E-Commerce, Benefits and Limitations of E-Commerce. Management Issues relating to e-commerce. Operations of E-commerce: Credit card transaction; Secure Hypertext Transfer Protocol (SHTP) ; Electronic payment systems; Secure electronic transaction (SET) ; SET s encryption; Process; Cyber cash; Smart cards; Indian payment models. Applications in governance:

FEB

EDI in governance; E-government; E-Governance applications of Internet; concept of government —to-business, business-to-government and citizen-to-government; E-governance models; Private sector interface in [-governance. Applications in B2C: Consumers shopping procedure on the Internet; Impact on disinter mediation and re- intermediation; Global market; Strategy of traditional department stores. Products in b2c model; success factors of e-brokers; Broker-based services on-line; On-line travel tourism services;

MARCH

Benefits and impact of e-commerce on travel industry; Deal estate market; online stock trading and its benefits; Online banking and its benefits; On- line financial services and their future; E-auctions — benefits, implementation and impact.

APRIL

Applications in B2B: Key technologies for b2b; architectural models of b2b, characteristics of the supplier — oriented marketplace, buyer-oriented marketplace and intermediary-oriented marketplace; Just In Time delivery in b2b; Internet-based EDI from traditional EDI; Marketing Issues in b2b. Emerging Business models: Retail model; Media model; advisory model, made-to-order manufacturing model;

MAY

Do-it- yourself model; Information service model; Emerging hybrid models; Emerging models in India, Internet & E-Commerce scenario in India; Internet security Issues; Legal aspects of E-commerce

Government College Aharwala, Bilaspur (Yamunanagar)
Lesson Plan (Session- 2023-24)
(Even Semester)

Name of Teacher: Dr. Satnam Singh
Department : Computer Science
Class & Semester: B.C.A. 6TH Sem.
Subject & Code: BCA-364: Internet Technologies

JAN

Internet: Introduction; History; Internet Services; TCP/IP: Architecture, Layers, Protocols; TCP/IP model versus OSI Model; World Wide Web (WWW) - The Client Side, The Server Side, Creating and Searching Information on the Web, Popular Search Engines,

FEB

URL, HTTP, Web Browsers, Chat & Bulletin Board, USENET & NNTP (Network News Transfer Protocol); Internet vs. Intranet; TCP, UDP and IP Protocols, Port Numbers; Format of TCP, UDP and IP; IPv4 addressing; The need for IPv6; IPv6 addressing and packet format;

MARCH

TCP Services; TCP Connection Management; Remote Procedure Call; IP Address Resolution- DNS; Domain Name Space; DNS Mapping; Recursive and Iterative Resolution; Mapping Internet Addresses to Physical Addresses: ARP, RARP, DHCP; ICMP; IGMP; Application Layer:

APRIL

Electronic Mail: Architecture; Protocols - SMTP, MIME, POP, IMAP; Web Based Mail; File Access and Transfer: FTP, Anonymous FTP, TFTP, NFS; Remote Login using TELNET; Voice and Video over IP: RTP, RTCP, IP Telephony and Signaling, RSVP; Routing in Internet: RIP, OSPF, BGP; Internet Multicasting; Mobile IP;

MAY

Private Network Interconnection: Network Address Translation (NAT), Virtual Private Network (VPN); Internet Management and SNMP; Internet Security: E- Mail Security; Web Security; Firewall; Introduction to IPSec and SSL;

Government College Aharwala, Bilaspur (Yamunanagar)
Lesson Plan (Session- 2023-24)
(Even Semester)

Name of Teacher: Dr. Satnam Singh
Department : Computer Science
Class & Semester: B.C.A. 6TH Sem.
Subject & Code: BCA-366: Programming in Core Java

JAN

Basic Principles of Object Oriented Programming, Introduction to Java, History and Features of Java, Java Virtual Machine (JVM), Java's Magic Bytecode; The Java Runtime Environment; Basic Language Elements: Lexical Tokens, Identifiers, Keywords, Literals, Comments, Primitive Data types, Operators, Assignments;

FEB

Input/output in Java: Basics, I/O Classes, Reading Console Input, Control Structures in Java: Decision and Loop Control Statements Class and Object in Java: Defining Class in Java, Creating Objects of a Class, Defining Methods, Argument Passing Mechanism, Using Class and Objects, Constructors, Nested Class, Inner Class, Abstract Class, Dealing with Static Members; Array & String in Java: Defining an Array, Initializing & Accessing Array, Multi – Dimensional Array, Defining String, Operation on Array and String, Creating Strings using String Class, Creating Strings using String Buffer Class,; Polymorphism in Java: Basic Concept, Types, Overriding vs. Overloading, Implementation Extending Classes and Inheritance in Java: Benefits of Inheritance, Types of Inheritance in Java, Access Attributes, Inheriting Data Members and Methods,

MARCH

Role of Constructors in Inheritance, Use of "super"; Packages & Interfaces: Basic Concepts of Package and Interface, Organizing Classes and Interfaces in Packages, Defining Package, Adding Classes from a Package to Your Program, CLASSPATH Setting for Packages, Import Package, Naming Convention For Packages , Access Protection in Packages, Standard Packages Exception Handling in Java:

APRIL

The Idea behind Exception, Types of Exception, Use of try, catch, finally, throw, throws in Exception Handling, In-built and User Defined Exceptions, Checked and Un-Checked Exceptions, Catching more than one Exception; Applet in Java: Applet Basics, Applet Architecture,

MAY

Applet Life Cycle, Applet Tag, Parameters to Applet, Embedding Applets in Web page, Creating Simple Applets; GUI Programming: Designing Graphical User Interfaces in Java, Components and Containers, Using Containers, Layout Managers, AWT Components, AWT Classes, AWT Controls,

Government College Aharwala, Bilaspur (Yamunanagar)
Lesson Plan (Session- 2023-24)
(Even Semester)

Name of Teacher: Dr. Satnam Singh
Department : Computer Science
Class & Semester: B.A /B.Sc. Physical Science 2ND Sem. (NEP)
Subject & Code: Introduction to Web Technologies B23-CAP-202

FEB

Introduction to Internet and World Wide Web (WWW): Evolution and History of World Wide Web, Web Pages and Contents, Web Clients, Web Servers, Web Browsers; Hypertext Transfer Protocol, URLs; Searching, Search Engines and Search Tools.

Web Publishing: Hosting website; Internet Service Provider, Planning and designing website; Web Graphics Design; Steps for Developing website.

MARCH

Creating a Website and Introduction to Mark up Languages (HTML and DHTML), HTML Document Features & Fundamentals, HTML Elements, Creating Links; Headers; Text styles; Text Structuring; Text colour and Background; Formatting text; Page layouts; Images; Ordered and Unordered lists; Inserting Graphics; Table Creation and Layouts; Frame Creation and Layouts; Working with Forms and Menus; Working with Radio Buttons; Check Boxes; Text Boxes, HTML5

APRIL

Introduction to CSS (Cascading Style Sheets): Features, Core Syntax, Types, Style Sheets and HTML, Style Rule Cascading and Inheritance, Text Properties, CSS Box Model, Normal Flow Box Layout, Positioning and other useful Style Properties; Features of CSS3.

MAY

The Nature of JavaScript : Evolution of Scripting languages, JavaScript-Definition, Programming for Non-Programmers, Introduction to Client-Side Programming, Enhancing HTML, Documents with JavaScript. Static and Dynamic Web pages

Government College Aharwala, Bilaspur (Yamunanagar)
Lesson Plan (Session- 2023-24)
(Even Semester)

Name of Teacher: Dr. Satnam Singh
Department : Computer Science
Class & Semester: B.C.A. /B.Sc. Physical Science/ B.Sc. Life Science 2ND Sem. (NEP)
Subject & Code: Cloud Computing B23-SEC-201

FEB

Basic Concepts of Cloud Computing: Computer Network Basics, Concepts of Distributed Systems, Concepts of Cloud Computing and its Necessity. Cloud Service Providers in use and their Significance.

MARCH

Cloud Infrastructure: Cloud Pros and Cons. Cloud Delivery Models, Cloud Deployment Models.

APRIL

Key Challenges in managing Information. Identifying the problems of scale and management in big data. Cloud Storage Management: Concept of Virtualization and Load Balancing: Overview on Virtualization used for Enterprise Solutions.

MAY

Building Cloud Networks: Designing and Implementing a Data Center-Based Cloud Installing Open Source Cloud service. Amazon Web Services (AWS), Google Cloud Platform.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Ms. Aarti Arora**
Department	**Commerce**
Class & Section	**M. COM P**
Subject and Code	**International Business Environment MC 202**
Semester Duration	**January to April**
Topics	
Month of April	
Foreign Exchange Risk, Revision	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Ms. Aarti Arora**
Department	**Commerce**
Class & Section	**M.COM FINAL**
Subject and Code	**Services Marketing MC 409**
Semester Duration	**January to April**
Topics	
Month of April	
Customer Protection and Ethics in services Revision	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Ms. Aarti Arora**
Department	**Commerce**
Class & Section	**B.COM III GEN & CAV**
Subject and Code	**Human Resourcr Management BC 603**
Semester Duration	**January to April**
Topics	
Month of April	
Performance appraisal: meaning, features, merits, limitations, process and methods of performance appraisal. Revision	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Ms. Aarti Arora**
Department	**Commerce**
Class & Section	**B.COM II GEN**
Subject and Code	**Advertising Management BC 406(i)**
Semester Duration	**January to April**
Topics	
Month of April	
Measuring advertising effectiveness: pre, post and concurrent tests. Revision	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Karan Singh**
Department	**Commerce**
Class & Section	**B.Com 6th Semester**
Subject and Code	**Business** Environment
Semester Duration	**Feb 2024 to May 2024**

Topics

Month of Feb

Business Environment: Concept, Components and importance, **Environmental & organization scanning:** ,concept importance & techniques , **Public, Private & Joint sector in India.**

Month of March

Economic System: Capitalist, Socialist & Mixed Economy, **Economic Planning in India:** Achievements& failure , planning machinery in India.

Month of April

Role of Government: Monetary Policy , fiscal Policy , make in India, **Foreign investment :** concept need , types & barrier, multinational corporation in India.

Month of May

Globalization of Indian Business, Competition act, foreign exchange management act, foreign exchange market ,an overview.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Karan Singh**
Department	**Commerce**
Class & Section	**B.Com 4th Semester**
Subject and Code	Corporate Accounting
Semester Duration	**Feb 2024 to May 2024**

Topics

Month of Feb

Valuation of Goodwill, valuation of Shares: concepts & calculations- simple problem only

Month of March

Accounts of Holding Companies: preparation of consolidated balance sheet with one subsidiary company , relevant provisions of accounting standard 21.

Month of April

Accounts of banking company organizations

Month of May

Accounts of Insurance companies, liquidation of companies.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Odd Semester]

Name of Teacher	**Amit Kumar**
Department	**Computer Science**
Class & Section	**BCA 4th Semester**
Subject and Code	MANAGEMENT INFORMATION SYSTEM (BCA – 246)
Semester Duration	**Jan 2024 to April 2024**

Topics

Month of Jan

Introduction to system and Basic System Concepts, Types of Systems, The Systems Approach, Information System: Definition & Characteristics, Types of information, Role of Information in DecisionMaking, Sub-Systems of an Information system: EDP and MIS management levels, EDP/MIS/DSS.

Month of Feb

An overview of Management Information System: Definition & Characteristics, Components of MIS, Frame Work for Understanding MIS: Information requirements & Levels of Management, Simon's Model of decision-Making, Structured Vs Un-structured decisions, Formal vs. Informal systems.

Month of March

Developing Information Systems: Analysis & Design of Information Systems: Implementation & Evaluation, Pitfalls in MIS Development.

Month of April

Functional MIS: A Study of Personnel, Financial and production MIS, Introduction to e-business systems, ecommerce – technologies, applications, Decision support systems – support systems for planning, control and decision-making

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Karan Singh**
Department	**Commerce**
Class & Section	**B.Com 4th Semester**
Subject and Code	Company Law
Semester Duration	**Feb 2024 to May 2024**

Topics

Month of Feb

Membership in Companies: Company management & administration, Directors: Legal position, qualification, appointment, removal, powers, duties, removal of directors , managerial remuneration, key management personnel, managing director, whole time director, manager.

Month of March

Company Secretary: role, appointment ,duties & liabilities of directors, rights & dismissals, **Meetings** : kinds of meetings, requisites of valid meeting, authority , notice& agenda, quorum, chairperson & conduct of meeting, resolutions, minutes, proxy.

Month of April

Dividend, accounts of companies, audit & auditors, prevention & oppression & mismanagement, compromise, arrangement, reconstruction & amalgamation.

Month of May

Winding UP: Meaning, modes of winding up , procedure & consequences of winding up.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Karan Singh**
Department	**Commerce**
Class & Section	**M.com 2nd Sem**
Subject and Code	**Financial Management & Policy**
Semester Duration	**Feb 2024 to May 2024**

Topics

Month of Feb

Financial Management: Nature, significance, objectives and scope of financial management, functions of finance executive in an organization, Time value of money and recent developments in financial management.

Month of March

Financial Planning and forecasting: Need & importance of financial planning; financial planning process, drafting a financial plan; Financial forecasting; meaning, benefits and techniques of financial forecasting; Sources of finance.

Month of April

Cost of Capital: Significance, computation of cost of capital including CAPM, problems in computation of cost of capital. Working Capital Management and Control: Need, Types & determinants, assessment of working capital requirements; Management of cash, marketable securities & receivables, financing of working capital – banking norms.

Month of May

Capital Budgeting Decisions: Nature & importance, factors influencing capital expenditure decisions, capital budgeting process, Evaluation criteria and risk analysis, capital expenditure control.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Karan Singh**
Department	**Commerce**
Class & Section	**M.com 4th Sem**
Subject and Code	**Project Planning & Control**
Semester Duration	**Feb 2024 to May 2024**

Topics

Month of Feb

Identification of Investment Opportunities; Project ideas generation and screening, project analysis; Project feasibility study; Project planning, Government Regulatory framework. Market and Demand Analysis: Sources of information- primary and secondary; Demand forecasting and market planning.

Month of March

Technical Analysis: Materials and inputs; Production technology; Product mix; Plant location and layout; Selection of plant and equipment; Financial Analysis: Cost of project and means of financing; Major cost components; Planning capital structure; Financing schemes of financial institutions.

Month of April

Profitability and Financial Projections: Cost of production; Break-even analysis; Projected balance sheet, profit and loss account and cash flow statement. Appraisal Criteria and Process: Methods of appraisal under certainty, uncertainty and risk.

Month of May

Investment appraisal in practice; Appraisal process of financial institutions; Social Cost Benefit Analysis: Meaning and methodology; L&M and UNIDO approach; SCBA in India. Project Review/control- Evaluation of project. PERT/CPM. Problem of time and cost overrun, Project implementation practices in India.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Neelam**
Department	**Commerce**
Class & Section	**B.com 4th sem**
Subject and Code	**Advertising**
Semester Duration	**1st Jan 2024 – 30 April 2024**

Topics

Month of January

Advertising: meaning, importance & scope, advertising vs. publicity, promotion mix, advertising process. Communication and advertising mix: communication process, advertising functions, types of advertising

Month of February

E-advertising, economic, legal, ethical and social aspects of advertising; setting advertising objectives, Dagmar approach, Advertising budget.
Creative aspects of advertising: advertising appeals, copy writing, headlines, illustrations and message.

Month of March

Advertising media: types of media, merits and demerits; media planning and scheduling. Advertising agency: concept, role & relationship with clients, advertising department.

Month of April

Advertising and consumer behavior. Advertising Effectiveness: concept and benefits; measuring advertising effectiveness: pre, post and concurrent tests

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Neelam**
Department	**Commerce**
Class & Section	**B.Com 6th sem**
Subject and Code	**Income tax**
Semester Duration	**1st Jan 2024 - 30th April 2024**

Topics

Month of January

Deductions under section 80C to 80U in computing total income. Computation of total income and tax liability of an individual and H.U.F

Month of February

Computation of total income and tax liability of a Firm. Deduction of tax at source; advance payment of tax.

Month of March

Income tax authorities and their powers. Procedure for assessment; different types of returns.

Month of April

Procedure of filing e-return and revised return. Recovery and refund of tax. Penalties and prosecutions; appeals and revision

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Neelam**
Department	**Commerce**
Class & Section	**B.com 6th sem**
Subject and Code	**Retail management**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Retailing: concept, characteristics and importance; theories of retailing; strategic planning in retailing; planning location of retail institution: trading area analysis, deciding the most desirable type of location, choice of a general location, choosing and evaluating a particular site; material handling.

Month of February

Organizational structure in retail institutions; classification of retail institutions; store based and non-store based retail organizations; process of setting up a retail organization

Month of March

Store management: blueprinting operations, deciding stores layout, energy management,

Month of April

Security issues; applications of information technology in retailing. Trends in retailing in India; FDI in retail.;

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Neelam**
Department	Commerce
Class & Section	M com 2nd sem
Subject and Code	**Corporate accounting**
Semester Duration	**1st Jan 2024 - 30 April 2024**
Topics	
Month of January	
Company Accounts: Issue, forfeiture, and valuation of shares; Final accounts of company; Amalgamation, absorption and reconstruction	
Month of February	
Human Resource Accounting; Lease accounting. Preparation of consolidated financial statements of holding and subsidiary companies.	
Month of March	
Corporate reporting requirements and Current practices;	
Month of April	
Periodic reporting; Segment reporting; Social reporting; Harmonization in corporate reports.	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Neelam**
Department	Commerce
Class & Section	M com 2nd sem
Subject and Code	**Human resource Management**
Semester Duration	**1st Jan 2024 – 30th April 2024**
Topics	
Month of January	
Human Resource Management (HRM): Concept, evolution, scope, importance, objectives and functions, HRM in dynamic environment; Building up skills for effective HR manager; Global HRM; Human resource planning	
Month of February	
Human resource information system; Human Resource policy; Job analysis; Recruitment; Selection; Induction and Placement.	
Month of March	
Work Force: Promotion, transfer and separation; Employee training and executive development; Career planning and development; performance and potential appraisal;	
Month of April	
Empowerment, quality of work life, Compensation – nature and significance; Incentives and employee benefits; Job satisfaction; Job stress management.	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Neelam**
Department	Commerce
Class & Section	M com 4th Sem
Subject and Code	**IT and E-commerce**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Introduction to E-commerce: Meaning of electronic commerce, business applications of e-commerce, comparison with traditional commerce; Business models in E-commerce – e-shops, e-procurement, e-auctions, value chain integrators, information brokerage, telecommunication, collaboration platforms, etc

Month of February

Electronic payment system; E-Banking – concept, operations. Online fund transfer – RTGC, ATM, etc., Online share market operations.

Month of March

Online marketing, Web-based advertising – concept, advantages; Types of online advertisements; Search engine – as an advertising media, search engine optimization – concept and techniques; Email marketing; Social Networking and marketing – promotion, opinion formulation, etc.; Viral Marketing, E-retailing-concept, advantages, limitations;

Month of April

CRM and Information Technology, Tools to conducting online research – secondary research, online focus groups, web based surveys, data mining from social networking sites; Cloud computing – Concept, uses in business; Enterprise Resource Planning; Security issues in e-commerce - Online frauds, Privacy issues; Cyber laws including Information Technology Act

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Neelam**
Department	Commerce
Class & Section	B.com 2nd Sem
Subject and Code	**Principles of Marketing**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Marketing: Concept, nature, scope and importance; Evolution of Marketing; Understanding marketing in new perspectives; Marketing environment: Concept, importance; Micro environmental factors: Suppliers, marketing intermediaries, customers, competitors, public Macro environmental factors: Demographic, economic, natural, technological, politico-legal and socio- cultural.

Month of February

Consumer behaviour: Concept, nature and importance, consumer buying decision process, factors Influencing consumer buying behaviour; Market segmentation: Concept, importance and bases; Target market selection; Positioning: Concept, importance and bases.

Month of March

Product: Concept, importance and classification; Branding, Packaging and Labelling; Product life cycle; New product development; Pricing: Concept, significance, price determination, pricing methods, pricing policies and strategies.

Month of April

Promotion: Nature and importance; Advertising, personal selling, sales promotion and publicity/public relations; Factors affecting promotion mix decisions; Distribution: Concept, importance and types of distribution channels; Factors affecting choice of distribution channel; Retailing; Wholesaling. Overview of recent developments in marketing: Social marketing; Online marketing; Direct marketing; Green marketing; Relationship marketing

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Neelam**
Department	Commerce
Class & Section	B.A 2nd Sem
Subject and Code	**Fundamentals of Banking and Insurance**
Semester Duration	**1st feb 2024 – 20th May 2024**

Topics

Month of February

Banking: Concept, features, functions, importance and principles of banking; Evolution of banking in India; Classifications of banks.

Month of March

Banking instruments: Concept, types and crossing of cheques; Lending functions of a bank: Types of Advances: Secured & unsecured, loans- Short-, medium- and long-Term Methods of granting advances; Utility services of a bank: Remittance through bank drafts; E Banking; Internet banking; Safe deposit lockers

Month of April

Insurance: Concept, need and principles of insurance; Insurance and economic development; Life Insurance: Concept, features

Month of May

importance, and types: procedure of taking life insurance policies, nomination and assignment. IV General insurance: concept, features, importance, and types; Procedure of taking general insurance: An overview of Fire insurance, Marine Insurance, Health Insurance.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2022-23) [Even Semester]

Name of Teacher	**Minakshi Kamboj**
Department	**Commerce**
Class & Section	**B. Com 4th Semester**
Subject and Code	**Business Statistics**
Semester Duration	**1st Feb 2023 - 26th May 2023**

Topics

Month of February

Simple Correlation: concept, types: multiple and partial; linear and non-linear; Scatter diagram, Methods: Karl Pearson's co-efficient of correlation, Spearman's Rank Correlation, Concurrent deviation method; Probable and standard errors.

Month of March

Regression Analysis: meaning, difference between correlation and regression, regression coefficients, methods of calculation of simple regression, standard error of estimate.

Month of April

Probability; concept and approaches; addition and multiplication laws of probability; Conditional probability: Bayes' Theorem.

Month of May

Probability distributions: concept, Binomial, Poisson and Normal distributions: their properties and parameters.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2022-23) [Even Semester]

Name of Teacher	**Minakshi Kamboj**
Department	**Commerce**
Class & Section	**B. Com 4th Semester**
Subject and Code	**COMPUTERIZED ACCOUNTING SYSTEM**
Semester Duration	**1st Feb 2023 - 26th May 2023**

Topics

Month of February

Introduction: installation of Tally, ERP9 – Licensing configurations – Tally Vault Password – Security Control in Tally, ERP9 – Splitting Company Data – Backup and Restore.

Month of March

Accounting: voucher entry, budget, cost center, balance sheet, profit and loss account, currency, debit note, credit note, interest calculation.

Month of April

inventory: stock item, sales order, purchase order, delivery note, rejection out.

Computerized Tax Liability Calculation.

Month of May

Payroll: Salary Accounting – Introduction to Payroll – Payroll Masters – Payroll Vouchers – Overtime Payment – Gratuity – Advanced Payroll Transactions Basic Salary, Overtime, Bonus, Gratuity, Loan, ESI, Provident Fund, Pension, Commission.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2022-23) [Even Semester]

Name of Teacher	**Minakshi Kamboj**
Department	**Commerce**
Class & Section	**B. Com 6th Semester**
Subject and Code	**FUNDAMENTALS OF INSURANCE**
Semester Duration	**1st Feb 2023 - 26th May 2023**

Topics

Month of February

Introduction to insurance: life and general insurance; purpose, need and principles of insurance; insurance as a social security tool; insurance and economic development.

Month of March

Contract of life insurance: principles and practice of life insurance; parties to the contract, their rights and duties; conditions and terms of policy, effects of non-compliance; nominations and assignment practices in connection with collection of premium, revivals, loans, surrenders, claims, bonuses and annuity payments; present structure & growth of life insurance in India; claims settlement procedure.

Month of April

Fire insurance: principles of fire insurance contracts; fire insurance policy, conditions, assignment of policy, claims settlement procedure. Marine insurance: marine insurance policy and its conditions, premium, double insurance; assignment of policy warranties, voyage; loss and abandonment; partial losses and particular charges; salvage; total losses and measures of indemnity; claims settlement procedures.

Month of May

Accident and motor insurance: policy and claims settlement procedures.

Insurance intermediaries – role of agents and procedure for becoming an agent; cancellation of license; revocation/suspension/termination of agent appointment; code of conduct; unfair practices.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2022-23) [Even Semester]

Name of Teacher	**Minakshi Kamboj**
Department	**Commerce**
Class & Section	**B. Com 6th Semester**
Subject and Code	**BUSINESS ENVIRONMENT**
Semester Duration	**1st Feb 2023 - 26th May 2023**

Topics

Month of February

Business environment: concept, components, and importance; environmental and organizational scanning: concept importance & techniques.

Public, private and joint sectors in India.

Month of March

Economic systems: capitalist, socialist & mixed economy.

Economic planning in India: achievement & failures, planning machinery in India

Month of April

Role of Government: monetary policy, fiscal policy, make in India.

Foreign investment: concept, need, types & barrier; multinational corporations in India, globalization of Indian business.

Month of May

Competition Act, Foreign Exchange Management Act.

Foreign exchange market: an overview.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2022-23) [Even Semester]

Name of Teacher	**Minakshi Kamboj**
Department	**Commerce**
Class & Section	**M. Com 2nd Semester**
Subject and Code	**BUSINESS STATISTICS**
Semester Duration	**1st Feb 2023 - 26th May 2023**

Topics

Month of February

Multiple regression and correlation: Linear regression equation. Regression equation in terms of simple correlation; coefficients; Reliability of the estimate, Multiple Correlation; Partial Correlation.

Month of March

Index Numbers: Meaning, types and uses; Methods of constructing price and quality indices (simple and aggregate); Test of adequacy; Chain base index numbers; Base shifting, splicing and deflating: Problems in constructing index numbers: Consumer price index. Time Series Analysis: Components of a time series, Models of time series analysis- additive and multiplicative;

Month of April

Methods of constructing seasonal index; Adjusting time series data for seasonal variations, Estimation of seasonal variations. Theory of Probability: Probability as a concept; approaches to defining probability, addition and multiplication laws of probability; Conditional probability, Bayes Theorem.

Month of May

Probability distributions: Probability distribution as a concept; Binomial, Poisson, and Normal distributions- their properties and parameters.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Anukriti**
Department	**Commerce**
Class & Section	**B.com 4th sem**
Subject and Code	**Business law**
Semester Duration	**1st Jan 2024 – 30 April 2024**

Topics

Month of January

Indian Partnership Act, 1932: nature of firm, duties and rights of partners, relations of partners to third parties, liabilities of firm and partner, minor, reconstitution of partnership firm, dissolution of a firm and consequences, settlement of accounts, registration of firms, effect of non-registration.

Month of February

Limited Liability Partnership Act, 2008: meaning, characteristics of Limited Liability Partnership (LLP); Incorporation of LLP; partners and the liability of LLP and partners; accounts, audit and taxation of LLPs, conversation to LLP from firm/private company/unlisted public company; winding up and dissolution of LLP.

Month of March

Information Technology Act 2000: purpose, digital signature, electronic governance; attribution, acknowledgement and dispatch of electronic records, certifying digital signature, penalties and other provisions. RTI Act, 2005: important provisions

Month of April

Negotiable Act 1881: scope, features and types; Negotiation; Crossing; Dishonor and discharge of negotiable instruments.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Anukriti**
Department	**Commerce**
Class & Section	**B.Com 6th sem**
Subject and Code	**Management Accounting**
Semester Duration	**1st Jan 2024 - 30th April 2024**

Topics

Month of January

Management accounting: concept, scope, techniques and significance, comparison between financial accounting, cost accounting and management accounting. Management reporting: need and type of reports

Month of February

Management information system. Analysis of financial statements: comparative statements, common size statements, ratio analysis: liquidity, solvency, profitability and turnover; trend analysis.

Month of March

Cash flow and funds flow statements: need and method of preparing statements. Absorption V/S variable costing: features and income determination, cost volume profit analysis, breakeven analysis, contribution;

Month of April

P/V ratio, break-even point, Margin of safety, Angle of incidence, determination of cost indifference point. Budgeting and budgetary control: need, methods and types of budgets, essentials of budgetary control system.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Anukriti**
Department	**Commerce**
Class & Section	**M.com 2nd Sem**
Subject and Code	**International Business Environment**
Semester Duration	**1st Jan 2024 – 30th April 2024**
Topics	
Month of January	
International business: nature, importance and scope; Framework for analyzing international business environment: geographical, economic, socio-cultural, political and legal environment; Multinational corporations: nature and role; Technology transfers: importance and types; Foreign Investment: nature, types and barriers.	
Month of February	
An overview of International economic institutions: WTO, UNCTAD, IMF, World Bank; Generalized system of preferences; International commodity agreements	
Month of March	
Regional economic co-operation: types and rationale, EU, NAFTA, ASEAN, SAFTA.	
Month of April	
Foreign Exchange Markets: nature, participants, Foreign exchange rates determinants, Exchange rates arrangement in India, Foreign Exchange Risk: nature and management.	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Anukriti**
Department	Commerce
Class & Section	M com 2nd sem
Subject and Code	**Strategic Marketing**
Semester Duration	**1stJan 2024 – 30th April 2024**
Topics	
Month of January	
Concept and hierarchy of strategies; Strategic role of marketing; Strategic marketing planning process; The marketing plan; Corporate strategy decisions – Corporate mission, vision, goals and objectives, corporate growth strategies, resource allocation; Business strategies and their marketing implications.	
Month of February	
Environmental Analysis – Internal environment, external environment, custom environment; Industry and competitor analysis; SWOT analysis; Portfolio analysis; Market segmentation, targeting and positioning..	
Month of March	
Marketing strategies for new market entries; marketing strategies for growth markets; marketing strategies for mature markets and declining markets.	
Month of April	
Relationship between business strategies and marketing mix; Marketing strategy implementation; controlling marketing strategies	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	**Anukriti**
Department	Commerce
Class & Section	M com 4th sem
Subject and Code	**Corporate Governance**
Semester Duration	**1st Jan 2024 – 30th April 2024**
Topics	
Month of January	
Corporate governance: Concept, structure and process; Corporate governance: An Evolutionary Process; Improving the efficiency of corporate governance; Corporate governance in India: Issues for consideration. Corporate governance; Globalisation and its position in India	
Month of February	
Financial disclosure, Business Ethics and corporate governance: Corporate disclosure Practises; Transparency and Business Ethics in Corporate Sector; Role of Audit committee in corporate governance.	
Month of March	
Board of Directors: Composition of Board of directors & their role; Corporate boards and good governance; Corporate governance in Indian Public enterprises; Corporatization of Agriculture.	
Month of April	
Banks, Financial Institutions and Corporate governance: Corporate governance in banks; Corporate governance: Contemporary issues in banking industry. Corporate governance in mutual funds; Depository system: a step towards effective corporate governance.	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Anukriti**
Department	Commerce
Class & Section	M com 4th Sem
Subject and Code	**Sales Management**
Semester Duration	**1st Jan 2024 – 30th April 2024**

Topics

Month of January

Sales Management: Concept, Objectives and functions; Integrated sales and marketing management; Personal Selling: Concept and classification of sales jobs; Buyer seller dyads; Personal selling process; Theories of selling.

Month of February

Sales Planning: Importance, approaches and process of sales planning; Sales forecasting; Sales budgeting. Sales Organization: Purpose, principles and process of setting up a sales organization; Sales organizational structures; Field sales organization; Determining size of sales force.

Month of March

Territory and Quota Management: Need, procedure for setting up sales territories; Time management; Routing; Sales Quotas: Purpose, types of quotas, administration of sales quota.

Month of April

Managing the Sales-force: Recruitment; selection; training; compensation; motivating and leading the sales-force; Sales meetings and contests. Control Process: Analysis of sales, costs and profitability; Management of sales expenses; Evaluating sales-force performance, Ethical issues in sales management.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Anukriti**
Department	Commerce
Class & Section	B.com 2nd sem
Subject and Code	**Company law**
Semester Duration	**1st feb 2024 – 20th May 2024**

Topics

Month of February

Company: Concept, characteristics, types; Conversion of private company into public company & vice versa; Incorporation of a company; Legal position of promoters; Pre-incorporation contracts.

Month of March

Memorandum of Association: Clauses and alteration procedure, Doctrine of ultra vires; Articles of Association: Clauses and alteration; Doctrine of indoor management; Doctrine of constructive notice; Prospectus: Concept, types, contents and formalities of red herring & shelf prospectus, mis-statement and remedies, liabilities for misstatements in Prospectus.

Month of April

Share capital: Types, issue and allotment of shares; Reduction of share capital; Board of Directors: Composition, legal position, qualification, appointment, powers, duties & liabilities and removal of directors; Company secretary: Role, appointment, duties, liabilities, rights and removal.

Month of May

Dividend: Types, factors affecting dividend decisions, Legal provisions, dividend practices prevalent in India; Winding up of a company: Reasons, modes, procedure and implications of winding up.

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: English
Class: B.A.4th

Month of January
Discussion about the Syllabus and the Pattern of University Examination Phonetics : Phoneme, Syllable, Word Stress ,Transcription of one/two syllabic words and exercises given at the end of the Chapters
Month of February
The Envoy a) Discussion in detail about the Author and the One Act Play including Textual Discussion and Explanations b) Discussion of very Short Answer Type Questions and Long Answer Type Questions as per the Pattern of University Examination c) Exercises, Antonyms, Synonyms etc. given at the end of the Chapter Translation
Month of March
The Swan Song a) Discussion in detail about the Author and the One Act Play including Textual Discussion and Explanations b) Discussion of very Short Answer Type Questions and Long Answer Type Questions as per the Pattern of University Examination c) Exercises, Antonyms, Synonyms etc. given at the end of the Chapter Dialogue Writing

The Monkey's Paw

a) Discussion in detail about the Author and the One Act Play including Textual Discussion and Explanations

b) Discussion of very Short Answer Type Questions and Long Answer Type Questions as per the Pattern of University Examination

c) Exercises, Antonyms, Synonyms etc. given at the end of the Chapter

Month of April

Email Writing

(4) Before Breakfast

a) Discussion in detail about the Author and the One Act Play including Textual Discussion and Explanations

b) Discussion of very Short Answer Type Questions and Long Answer Type Questions as per the Pattern of University Examination

c) Exercises, Antonyms, Synonyms etc. given at the end of the Chapter

Resume Writing

(5) The Sleepwalkers

a) Discussion in detail about the Author and the One Act Play including Textual Discussion and Explanations

b) Discussion of very Short Answer Type Questions and Long Answer Type Questions as per the Pattern of University Examination

c) Exercises, Antonyms, Synonyms etc. given at the end of the Chapter Book

Review

d) Revision

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: English
Class: B.A.6th

Month of January
Introduction of the syllabus Introduction of the Drama, Types of Drama The Merchant of Venice Introduction of the play and characters Act 1 (Scene I-III) Precis Writing
Month of February
ACT-II (Scene I-IX) Business and Official Letters
Month of March
ACT-III (Scene I-V) ACT-IV (Scene I-II) One word substitution Email, Memo, Circular, RTI
Month of April
ACT-V (Scene I) Question Answers related to the play Revision Of the syllabus

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: **English (Major)**
Class: **B.A.1st**

Month of February
Introduction to Prose and Composition Of Studies - Francis Bacon Letter /Application Writing Dream Children: A Reverie- Charles Lamb E-Mail Writing
Month of March
Tolerance-E.M. Forster Notice Writing Gandhi and Western World - Louis Fischer Resume Writing Public Transport in London and Delhi- Nirad C. Chaudhuri Precis
Month of April
My Education Outlook-R.K. Narayan Water: The Elixir of Life Story Writing Great Books Born Out of Great Minds -A.P.J. Abdul Kalam Female Orators - Joseph Addison The Gandhian Outlook - S. Radhakrishnan
Month of May
Revision

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: **English (Minor)**
Class: **B.A.1st**

Month of February
Introduction to Syllabus Good Manners -J.C.Hill Paragraph Writing On The Whims Of Lottery Adventures-Joseph Addison Letter Writing
Month of March
Playing The English Gentleman–M.K Gandhi Pair Of Words Why We Travel–Pico Iyer Voice The King and The Tree-Goddess–Ruskin Bond Narration
Month of April
The Beloved Charioteer–Shashi Deshpande Pigeon At Daybreak–Anita Desai The Child–Munshi Premchand
Month of May
Revision

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: Soft Skills SEC (B23-SEC-207)

Class: B.A.1st

Month of February
Introduction to Soft Skills Time and Stress Management Skills Emotional Intelligence Skills Life Skills Presentation on Soft Skills
Month of March
Communication Skills Presentation Skills Voice Modulation Pitch and Tempo for Effective Presentation
Month of April
Self-Management and Personality Development: Motivation, Positive Attitude and Confidence Building Techniques; Personal Grooming and Hygiene: Defining Strengths, Formal and Informal Presentation of Self Situational Conversations
Month of May
Mid Term Exam Proposal Writing Public Speech Group Discussion

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: English Language and Communication Skills (AEC) (B23-AEC-211)

Class: B.A.1st

Month of February
Sounds in English Language Phonetic symbols and their understanding through a dictionary (Oxford Advanced Learner's Dictionary) Transcribing one and two syllable words in English
Month of March
Developing Fluency in Speaking Skills Speech Making: Expository Speech, Argumentative Speech Dialogues, Role Plays and Group Discussions
Month of April
Proper use of Punctuation and Capitalization
Month of May
Mid Term Exam Introduction to Tenses

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Suman Panjeta

Subject: English
Class: B.A.4th

Month of April
Email Writing (4) Before Breakfast a) Discussion in detail about the Author and the One Act Play including Textual Discussion and Explanations b) Discussion of very Short Answer Type Questions and Long Answer Type Questions as per the Pattern of University Examination c) Exercises, Antonyms, Synonyms etc. given at the end of the Chapter Resume Writing (5) The Sleepwalkers a) Discussion in detail about the Author and the One Act Play including Textual Discussion and Explanations b) Discussion of very Short Answer Type Questions and Long Answer Type Questions as per the Pattern of University Examination c) Exercises, Antonyms, Synonyms etc. given at the end of the Chapter Book Review d) Revision

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Suman Panjeta

Subject: English
Class: B.A.6th

Month of April
ACT-V (Scene I) Question Answers related to the play Revision Of the syllabus

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Suman Panjeta

Subject: **English (Major)**
Class: **B.A.1st**

Month of April
My Education Outlook-R.K. Narayan Water: The Elixir of Life Story Writing Great Books Born Out of Great Minds -A.P.J. Abdul Kalam Female Orators - Joseph Addison The Gandhian Outlook - S. Radhakrishnan
Month of May
Revision

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Suman Panjeta

Subject: English (Minor)
Class: B.A.1st

Month of April
The Beloved Charioteer–Shashi Deshpande Pigeon At Daybreak–Anita Desai The Child–Munshi Premchand
Month of May
Revision

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: Soft Skills SEC (B23-SEC-207)

Class: B.A.1st

Month of February
Introduction to Soft Skills Time and Stress Management Skills Emotional Intelligence Skills Life Skills Presentation on Soft Skills
Month of March
Communication Skills Presentation Skills Voice Modulation Pitch and Tempo for Effective Presentation
Month of April
Self-Management and Personality Development: Motivation, Positive Attitude and Confidence Building Techniques; Personal Grooming and Hygiene: Defining Strengths, Formal and Informal Presentation of Self Situational Conversations
Month of May
Mid Term Exam Proposal Writing Public Speech Group Discussion

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Manisha

Subject: English Language and Communication Skills (AEC) (B23-AEC-211)

Class: B.A.1st

Month of February
Sounds in English Language Phonetic symbols and their understanding through a dictionary (Oxford Advanced Learner's Dictionary) Transcribing one and two syllable words in English
Month of March
Developing Fluency in Speaking Skills Speech Making: Expository Speech, Argumentative Speech Dialogues, Role Plays and Group Discussions
Month of April
Proper use of Punctuation and Capitalization
Month of May
Mid Term Exam Introduction to Tenses

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Suman Panjeta

Subject: Soft Skills SEC (B23-SEC-207)

Class: B.A.1st

Month of February
Introduction to Soft Skills Time and Stress Management Skills Emotional Intelligence Skills Life Skills Presentation on Soft Skills
Month of March
Communication Skills Presentation Skills Voice Modulation Pitch and Tempo for Effective Presentation
Month of April
Self-Management and Personality Development: Motivation, Positive Attitude and Confidence Building Techniques; Personal Grooming and Hygiene: Defining Strengths, Formal and Informal Presentation of Self Situational Conversations
Month of May
Mid Term Exam Proposal Writing Public Speech Group Discussion

GOVERNMENT COLLEGE AHARWALA (BILASPUR)

LESSON PLAN

Session: 2023-24

Name of the Teacher-Dr. Suman Panjeta

Subject: English Language and Communication Skills (AEC) (B23-AEC-211)

Class: B.A.1st

Month of April
Proper use of Punctuation and Capitalization
Month of May
Mid Term Exam Introduction to Tenses

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar LessonPlan (2023-24) [Even Semester]

Name of Teacher	**Dr. Balbir Kumar**
Department	**Public Administration**
Class & Section	**B A 2nd Sem**
Subject and Code	**Public Administration/B23PAD201**
Semester Duration	**February-May**

Topics

Month of February

Theories of Organization: Scientific Management Theory (F.W.Taylor), Classical (Henry Fayol, Luther Gulick, M.P. Follet, Mooney and Reiley.), Bureaucratic (Max Weber).

Tutorial

Month of March

Personnel Administration: Meaning; Nature and Significance. Elements of personnel Administration: Recruitment; Training: Promotion; and joint Consultative Machinery.

Tutorial

Month of April

Budget: Principles, Preparation and Enactment of Budget. Financial Control: Parliamentary (Parliament and its committees) and Executive Control.

Tutorial

Month of May

Administrative Process in Administration Meaning and Significance of followings:

I. Administrative Tribunal.

II. Administrative Law.

III. Public Policy.

Tutorial

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar LessonPlan (2023-24) [Even Semester]	
Name of Teacher	**Dr. Balbir Kumar**
Department	**Public Administration**
Class & Section	**B A 4th Sem**
Subject and Code	**Public Administration**
Semester Duration	**January-May**

Topics

Month of January

Constitution framework of States in India, Governor: Appointment, Powers & Functions. Chief Minister: Powers, Role and Position. Council of Ministers and State Legislature. Organisation and Structure of State Administration.

Tutorial

Month of February

State Secretariat and Directorate: Organisation and Functions. Chief Secretary: Role and Position in State Administration. State Planning Department and Board. Divisional Commissioner: Powers, Functions and Position.

Tutorial

Month of March

District Administration: Evolution, Features and Functions. District Collector: Evolution, Appointment, Functions and Position.

Tutorial

Month of April

Police Administration at District Level: Organisation and Functions. Role and Functions of Superintendent of Police. Other Functionaries and Sub-District Level: Sub-Divisional Magistrate, Block Development and Panchayat Officer, Tehsildar.

Tutorial

Month of May

Revision of Syllabus

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar LessonPlan (2023-24) [Even Semester]

Name of Teacher	**Dr. Balbir Kumar**
Department	**Pubic Administration**
Class & Section	**B A 2nd Sem**
Subject and Code	**Hindi B 23-HIN-206**
Semester Duration	**February-May**

Topics

Month of February

भाषण कला से अभिप्राय ।

भाषण कला का विकास एवं उपयोगिता ।

सफल वक्ता के गुण ।

विषय चयन हेतू सावधानियां ।

Month of March

अच्छा भाषण कैसे लिखें ।

भाषण का आरंभ, मध्य एवं अंत में रोचकता कैसे ।

भाषण शैली का विकास कैसे करें ।

सफल भाषण की कसौटी एवं मंच निर्भीकता ।

Month of April

सार्वजनिक अभिव्यक्ति की कसौटी के विविध आयाम ।

नेतृत्व से अभिप्राय एवं नेता के विविध गुण ।

नेतृत्व एवं सार्वजनिक अभिव्यक्ति एक मूल्यांकन ।

सार्वजनिक बोलने के युवा कार्यकर्ताओं के लिए भाषणकला ।

शिक्षा के महत्व पर सार्वजनिक बोलना, मंच पर सार्वजनिक बोलना के कौशल ग्रहण, सार्वजनिक बोलने में नेतृत्व की भावना ।

Month of May

हिन्दी की प्रासंगिकता ।

सार्वजनिक बोलने की कला पर विचार ।

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar LessonPlan (2023-24) [Even Semester]

Name of Teacher	**Dr. Balbir Kumar**
Department	**Public Administration**
Class & Section	**B A 2nd Sem**
Subject and Code	**Environment Studies/B23-VAC-201**
Semester Duration	**February-May**

Topics

Month of February

Multidisciplinary nature of environmental studies; Scope and importance: Concept of sustainability and sustainable development.

Ecosystems: Definition, structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs, Major ecosystems types: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem (lakes, rivers, oceans).

Month of March

Natural resources: Renewable and Non-renewable Resources, Land resources: Land degradation and soil erosion. Forest resources: Importance of forests, deforestation: causes and impacts on environment. Water resources: Use and over- exploitation of surface and ground water. Energy resources: Renewable and non-renewable energy sources.

Biodiversity and Conservation: Definition and its types, Endangered and endemic species of India. Threats to biodiversity: Habitat loss, poaching of wildlife, man- wildl conflicts, biological invasions; Conservation of biodiversity: In-situ an Ex-situ conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and informational values.

Month of April

Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution. Solid waste management: Sources, methods of disposal: Landfill, incineration and composting. Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture.

Month of May

Environmental Policies & Practices Environmental laws: Environment (Protection) Act, 1986

Government college Aharwala, Bilaspur(Yamuna Nagar)

Lession Plan for the Session 2023-24 (Even Semester)

Name and Desig. : Mohinder, Assistant Professor of Mathematics

Class : BCOM Ilnd sem (NEP) {Minor Subject}

Subject: Business Mathematics

Month	Topic of the Lecture
Feb 2024	Differentiation; derivative of simple functions and other functions (excluding trigonometric functions) having applications in business studies
March 2024	Maxima and minima of Revenue, Cost, Demand, Production, Profit functions and other functions related to business and commerce.
April 2024	Integration: Definite and indefinite (simple functions excluding trigonometric functions), basic rules of integration, application of integration in commercial and business problems.
May 2024	Binomial Theorem; Permutations and Combinations. Linear programming: Formulation of linear programming problems (LPP) and their solution by graphical and simplex methods, Applications of linear programming in solving problems related to business and commerce.

Government college Aharwala, Bilaspur(Yamuna Nagar)

Lession Plan for the Session 2023-24 (Even Semester)

Name and Desig. : Mohinder, Assistant Professor of Mathematics

Class : BA/BSc IVth sem

Subject: Sequence & Series

Month	Topic of the Lecture
Jan 2024	Introduction of sets and some basic definitions, least upper bound and theorems, examples
	Greatest lower bound, Archimedean property of real and some theorems, neighborhood of a point, interior of a set and its related examples
Feb 2024	open and closed sets and their related theorems, discussion Limit points and its properties, theorems, Bolzano weirstrauss theorem
	Examples, compact sets, Heine-Borel theorem and its converse Discussion +test
	Sequence and other definitions, convergent seq and theorems, examples , basic theorems on limits
	Discussion day Test, cauchy's ist theroem on limits, examples,cauchy 2nd therorem
Mar 2024	Monotone convergence theorem and ither theorems ,limit point and theorems,examples +discussion
	Infinite series, examples, Cauchy's theorem on limit, basic theorem and results
	p series test , Comparison tests and theorems, ratio test
	Cauchy's root test and others test on convergence or divergence Discussion, other tests on convergence +test
	Assignment, Alternating series,leibnitz theorems and related examples, Riemann's rearrangement theorem and its examples, multiplication of two series
April 2024	Abel's lemma test ,dirichlet's test and their related examples
	Cauchy product, product theorems, Abel's theorems and its examples, infinite product and examples, absolute convergence

Government college Aharwala, Bilaspur(Yamuna Nagar)

Lession Plan for the Session 2023-24 (Even Semester)

Name and Desig. : Mohinder, Assistant Professor of Mathematics

Class : BCA ll sem (NEP) {Minor Subject}

Subject: Mathematical Foundations for Computer Science-II

Month	Topic of the Lecture
Feb 2024	**Presentation of data**: Frequency distribution and cumulative frequency distribution, Diagrammatic and graphical presentation of data, Construction of bar, Pie diagrams, Histograms, Frequency polygon, Frequency curve, and Ogives.
March 2024	**Measures of central tendency**: Arithmetic mean, Median, Mode, Geometric mean, and Harmonic mean for ungrouped and grouped data. **Measures of dispersion**: Concept of dispersion, Mean deviation and its coefficient, Range, Variance and its coefficient, Standard deviation.
April 2024	**Correlation**: Concept and types of correlation, Methods of finding correlation: Scatter diagram, Karl Pearson's coefficients of correlation, Rank correlation.
	Linear regression: Principle of least square, Fitting of a straight line, Two lines of regression, Regression coefficients.
May 2024	**Integration** of simple algebraic, trigonometric, and exponential functions

Government college Aharwala, Bilaspur(Yamuna Nagar)

Lession Plan for the Session 2023-24 (Even Semester)

Name and Desig. : Mohinder, Assistant Professor of Mathematics

Class : BCA lV sem

Subject: COMPUTER-ORIENTED STATISTICAL METHODS

Month	Topic of the Lecture
January 2024	Preparing Frequency Distribution Table and Cumulative frequency, Measure of Central Tendency, Types: Arithmetic Mean, Geometric Mean, Harmonic Mean, Median, Mode.
	Measure of Dispersion: Range, Quartile Deviation, mean deviation, Coefficient of mean Deviation, Standard Deviation Moments : Moments About mean, Moments about any point, Moment about origin, Moment about mean in terms of moment about any point, Moment about any point in terms of Moment about mean.
	Probability Distribution: Random Variable- Discrete Random and Continuous Random variable, Probability Distribution of a Random Variable
	Mathematical Expectation Types: Binomial, Poisson, Normal Distribution, Mean and Variance of Binomial, Poisson, and Normal Distribution.
February 2024	Correlation: Introduction, Types, Properties, Methods of Correlation: Karl Pearson's Coefficient of Correlation, Rank Correlation and Concurrent Deviation method, Probable error. Regression: Introduction, Aim of Regression Analysis,
	Types of Regression Analysis, Lines of Regression, Properties of Regression Coefficient and Regression Lines, Comparison with Correlation.
	Curve Fitting: Straight Line, Parabolic curve, Geometric Curve and Exponential Curve
	Baye's Theorem in Decision Making, Forecasting Techniques
March 2024	Sample introduction, Sampling: Meaning, methods of Sampling
	Statistical Inference: Test of Hypothesis, Types of hypothesis, Procedure of hypothesis Testing
	Type I and Type II error, One Tailed and two tailed Test, Types of test of Significance:
	Test of significance for Attribute-Test of No. of success and test of proportion of success
April 2024	Test of significance for large samples - Test of significance for single mean and Difference of mean, Test of significance for small samples
	(t-test) – test the significance between the mean of a random sample, between the mean of two independent samples

Government college Aharwala, Bilaspur(Yamuna Nagar)

Lession Plan for the Session 2023-24 (Even Semester)

Name and Desig. : Mohinder, Assistant Professor of Mathematics

Class : BA/B.Sc IInd sem {Major Subject}

Subject: **Algebra and Number Theory**

Month	Topic of the Lecture
February 2024	Symmetric, Skew symmetric, Hermitian and skew Hermitian matrices, Elementary operations on matrices,
March 2024	Rank of a matrix, Inverse of a matrix, Linear dependence and independence of rows and columns of matrix, Row rank and column rank of a matrix, Eigen values, Eigen vectors and characteristic equation of a matrix, Minimal polynomial of a matrix
April 2024	Cayley-Hamilton theorem and its use in finding the inverse of a matrix, Unitary and orthogonal matrices. Relations between the roots and coefficients of general polynomial equation in one variable, Solutions of polynomial equations having conditions on roots, Common roots and multiple roots, Transformation of equations, Nature of the roots of an equation, Descarte's rule of signs.
May 2024	Solutions of cubic equations (Cardon's method), Biquadratic equations and their solutions. Divisibility, Greatest common divisor (gcd), Least common multiple (lcm), Prime numbers, Fundamental theorem of arithmetic. Linear congruences, Fermat's theorem, Euler's theorem, Wilson's theorem and its converse, Chinese Remainder theorem, Linear Diophantine equations in two variables.

Government college Aharwala, Bilaspur(Yamuna Nagar)

Lession Plan for the Session 2023-24 (Even Semester)

Name and Desig. : Mohinder, Assistant Professor of Mathematics

Class : BA IInd sem {MDC}

Subject: **Mathematics for Commerce and Social Sciences**

Month	Topic of the Lecture
February 2024	Matrices and Determinants: Definition of a matrix, Order, Equality, Types of matrices, Operations on matrices: addition, multiplication and multiplication with a scalar and their simple properties.
March 2024	Minors, Co-factors, Determinant, Properties of determinants and applications of determinants in finding the area of a triangle, Adjoint and inverse of a square matrix, Solutions of simultaneous linear equations.
April 2024	Differentiation, Derivatives of simple functions and other functions having applications in business and social studies, Maxima and minima of a function and their applications to Revenue, Cost, Demand, Production, Profit functions and other functions related to commercial and social Problems. Integration of simple functions and its applications in commercial and economic problems. 8 III Simple interest and compound interest.
May 2024	Annuities: Types of annuities, Present value and amount of an annuity (including the case of continuous compounding), Valuation of simple loans and debentures, Problems related to sinking funds. 8 IV Linear Programming: Formulation of linear programming problems (LPP) and their solution by graphical and Simplex methods. Applications of linear programming in solving social science and business problems.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar
LessonPlan (2023-24)
[Even Semester]

Name of Teacher	**Dr. Ramesh Kumar**
Department	**History**
Class & Section	**BA I**
Subject and Code	**History of India (from Earliest time to 1206 AD)**
Semester Duration	**15th February 2024 – 31st May 2024**

Topics

Month of February

1. Meaning of History and Sources of Ancient Indian History
2. Harappan Civilization: Origin, Extent, Urbanization, Society, Economy and Decline
3. Vedic Age: Religion, Polity, Society and Economy

Map 1

Month of March

4. Religious Movements: Buddhism and Jainism
5. Mahajanapada: Rise of Magdha Empire
6. Mauryan Empire: Chandragupta Maurya and Ashoka

Map 2 & 3

Month of April

7. Post-Mauryan State: Kushanas and Satvahanas
8. Gupta Empire: Conquests of Samudragupta and Chandragupta II; Administration of Guptas
9. Post-Gupta Period: Pushpabhuties and Chalukayas

Map 4

Month of May

10. Triangular Struggle fo30r Hegemony of Kannauj: Palas, Pritiharas and Rashtrakutas
11. Polity and Administration of Cholas
12. Rise of Rajputs with Special Reference to Tomars
13. Mahmood Ghaznavi and Muhammad Ghori: Conflicts with Indian States and Impact

Revision

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar LessonPlan (2023-24) [Even Semester]	
Name of Teacher	**Dr. Ramesh Kumar**
Department	**History**
Class & Section	**BA II**
Subject and Code	**Indian National Movement**
Semester Duration	**1st January 2024 - 30th April 2024**
Topics	
Month of January	
1. Origin of the National Consciousness. 2. Founding of Indian National Congress **3.** Moderates and Extremists Map 1	
Month of February	
4. Home Rule Movement 5. Role of Mahatma Gandhi in Freedom Movement: Non-cooperation Movement, Civil Disobedience Movement and Quit India Movement Map 2 & 3	
Month of March	
6. Ideology and Contribution of Revolutionaries w.r.t. Bhagat Singh 7. Political Reforms: Act of 1909 and 1919 8. Rise of Communal Politics: Muslim League Map 4 & 5	
Month of April	
9. Conclusion of Poona Pact and Act of 1935. 10. Subhash Chandra Bose and Indian National Army 11. Partition and Independence of India Revision	

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Dr. Ramesh Kumar**
Department	**History**
Class & Section	**BA III**
Subject and Code	**Modern Europe 1789=1945**
Semester Duration	**1st January 2024 - 30th April 2024**

Topics

Month of January

1. French Revolution: Causes and Consequences
2. Napoleon Bonaparte: rise to Power and Continental System
3. Congress of Vienna: Motives and Significance

Map 1

Month of February

4. Concert of Europe and the Metternich System
5. Nationalism in Europe: Unification of Italy and Germany
6. Formation of Triple Alliance and Triple Entente

Map 2

Month of March

7. World War-I: Causes and Consequences
8. Bolshevik Revolution in Russia: Causes and Consequences
9. Paris Peace Settlement: Treaty of Versailles

Map 3 & 4

Month of April

10. League of Nations: Working and Causes of Failure
11. Rise of Nazism and Fascism
12. World War-II: Causes and Consequences

Map 5 & Revision

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	डॉ० ममता गर्ग्गो
Department	हिन्दी
Class & Section	बी० ए० द्वितीय वर्ष, चतुर्थ सेमेस्टर, सेक्शन- ए० बी० सी
Subject and Code	हिन्दी
Semester Duration	जनवरी से मई

Topics

Month of January

खण्ड-क : क्रमशः क्रमशः (1) ईदगाह (प्रेमचंद) (2) पुरस्कार (जयशंकर प्रसाद), (3) गैंग्रीन (सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय'), (4) मलबे का मालिक (मोहन राकेश)

Month of February

(4) मलबे का मालिक (मोहन राकेश), (5) ठेस (फणीश्वर नाथ रेणु) (6) फैसला (मैत्रेयी पुष्पा) (7) पच्चीस चौका डेढ़ सौ (ओमप्रकाश वाल्मीकि), आधुनिक काल की परिस्थितियाँ, भारतेंदु पूर्व हिंदी गद्य

Month of March

हिंदी उपन्यास : उद्भव और विकास, हिंदी कहानी : उद्भव और विकास, नई कहानी, उद्भव और विकास, परीक्षण एवं परियोजना कार्य, हिंदी नाटक : उद्भव और विकास, हिंदी एकांकी : उद्भव और विकास, टेस्ट, परियोजना कार्य

Month of April

हिंदी निबंध : उद्भव और विकास, लघूत्तरात्मक प्रश्न, अति लघूत्तरात्मक प्रश्न, पारिभाषिक शब्दावली का अर्थ एवं स्वरूप, पारिभाषिक शब्दावली का महत्व, पारिभाषिक शब्दावली के गुण, राष्ट्रीयवादी व अंतर्राष्ट्रीयवादी एवं समन्वयवादी संप्रदाय, पारिभाषिक शब्दावली के निर्माण के सिद्धांत

Month of May

पारिभाषिक शब्दावली के निर्माण की परंपरा व इसके निर्धारण न कर पाने के कारणों पर टिप्पणी, इसकी आवश्यकता व इसके निर्माण में शुद्धतावादी, शुद्धता विरोधी व अंग्रेजी विचारधारा का परिचय। पारिभाषिक शब्दावली के अनेकरूपता के विभिन्न कारण, अति लघूत्तरात्मक प्रश्न, कथाक्रम- दोहराई, हिन्दी साहित्य का आधुनिक : गद्य - दोहराई, पारिभाषिक शब्दावली - दोहराई

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Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	डॉ० रामता मग्गो
Department	हिन्दी
Class & Section	बी. एस. सी द्वितीय वर्ष, चतुर्थ सेमेस्टर, मेडिकल तथा नॉन मेडिकल
Subject and Code	हिन्दी
Semester Duration	जनवरी से मई
Topics	
Month of January	
एकांकी – औरंगजेब की आखिरी रात, लक्ष्मी का स्वागत	
Month of February	
रीढ़ की हड्डी, बसंत ऋतु का नाटक	
Month of March	
संस्कार और भावना, बहुत बड़ा सवाल	
Month of April	
महिलाधिकार, गांधी दर्शन, शिक्षा और राजनीति, विज्ञान और पर्यावरण प्रदूषण, विश्व विख्यात वैज्ञानिक और उनके अविष्कार, आकाशवाणी (रेडियो), कम्प्यूटर तथा इंटरनेट, जनसंख्या विस्फोट	
Month of May	
अर्जी – सरकारी पत्र, तार – लेखन, वैज्ञानिक शब्दावली, परियोजना कार्य तथा टैस्ट खण्ड-एक, दो, तीन तथा चार की दोहराई	

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Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]	
Name of Teacher	डॉ० ममता मेघा
Department	हिन्दी
Class & Section	बी० ए० तृतीय वर्ष, छठा सेमेस्टर
Subject and Code	हिन्दी HI326
Semester Duration	जनवरी से मई

Topics

Month of January

नव्यतर गद्य गौरव - 1 आशा का अन्त (बाल मुकुन्द गुप्त) (2) उत्साह (आचार्य रामचंद्र शुक्ल), (3) गिल्लू (महादेवी वर्मा), (4) देवदारु (आचार्य हजारी प्रसाद द्विवेदी)

Month of February

(4) देवदारु (आचार्य हजारी प्रसाद द्विवेदी) (5) मेरे राम का मुकुट भीग रहा है (श्री विद्यानिवास मिश्र (6) सदाचार का ताबीज (श्री हरिशंकर परसाई) (7) तिब्बत के पथ पर (श्री राहुल सांकृत्यायन). हरियाणवी भाषा का उद्भव और विकास, हरियाणवी भाषा की प्रमुख बोलियाँ

Month of March

हरियाणा की सांग परंपरा : उद्भव और विकास, हरियाणवी कविता : परिचय और प्रवृत्तियां, हरियाणवी का गद्य साहित्य (1) उपन्यास साहित्य, (2) कहानी साहित्य, हरियाणवी गद्य साहित्य : (3) नाटक साहित्य, लघूत्तरात्मक प्रश्न, अति लघूत्तरात्मक प्रश्न, परिमौजना कार्य

Month of April

प्रयोजनमूलक हिंदी - पत्राकारिता : स्वरूप एवं प्रकार, परीक्षण एवं परिमौजना कार्य, शीर्षक की संरचना, संपादक के गुण और दायित्व, फीचर लेखन, स्वतंत्र प्रेस की अवधारणा, टेस्ट

Month of May

प्रयोजनमूलक हिंदी : अति लघूत्तरात्मक प्रश्न, नव्यतर गद्य गौरव - दोहराई, हरियाणवी भाषा और साहित्य का इतिहास - दोहराई, प्रयोजनमूलक हिंदी : पत्राकारिता - दोहराई

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Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	डॉ ममता मग्गो
Department	हिन्दी
Class & Section	बी ए प्रथम वर्ष द्वितीय सैमेस्टर
Subject and Code	हिन्दी मेजर, **(B23-HIN-201)**
Semester Duration	फरवरी से मई

Topics

Month of February

कबीरदास, सूरदास

Month of March

तुलसीदास, मीराबाई, घनानंद, रसखान

Month of April

बिहारी लाल तथा सभी कवियों से संबंधित प्रश्न, आदिकाल की सामान्य परिस्थितियां, आदिकाल - नामकरण एवं सीमा निर्धारण, आदिकाल साहित्य की प्रवृत्तियां, परियोजना कार्य एवं टैस्ट

Month of May

रासो काव्य : सामान्य परिचय, लौकिक काव्य : सामान्य परिचय, काव्य की परिभाषा, काव्य गुण, काव्य हेतु, काव्य तत्व, शब्द शक्तियां तथा समस्त पाठ्यक्रम की दोहराई।

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Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	डॉ ममता मग्गो
Department	हिन्दी
Class & Section	बी ए प्रथम वर्ष द्वितीय सैमेस्टर हिंदी माईनर
Subject and Code	**B23-HIN-202**
Semester Duration	फरवरी से मई

Topics

Month of February

राजभाषा **परिभाषा और प्रकृति (स्वरूप),** संपर्क भाषा **राष्ट्र**भाषा **और राजभाषा में अंतर,** प्रशासन और राजभाषा का अंतः संबंध**,**

Month of March

मानक भाषा और राजभाषा, राजभाषा हिंदी की संवैधानिक व्यवस्था - राजभाषा अधिनियम, राजभाषा नियम, द्विभाषा नीति, त्रिभाषा सूत्र।

Month of April

हिंदी का वैज्ञानिक और तकनीकी विकास - उपलब्धियां और सीमाएं। कार्यालयी हिंदी में अनुवाद की समस्या, अनुवाद भाषा के रूप में राजभाषा हिंदी का विकास, परियोजना कार्य एवं टैस्ट

Month of May

राजभाषा हिंदी के विविध पक्ष - हिंदी आलेख, टिप्पणी, संक्षेपण, पत्राचार, हिंदी कंप्यूटरीकरण की अद्यतन स्थिति, अंतरराष्ट्रीय स्तर पर हिंदी।

समस्त पाठ्यक्रम की दोहराई।

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Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	डॉ ममता मग्गो
Department	हिन्दी
Class & Section	बी ए प्रथम वर्ष द्वितीय सैमेस्टर हिंदी ए.ई.सी
Subject and Code	**B23-AEC-HIN-221**
Semester Duration	फरवरी से मई

Topics

Month of February

संप्रेषण का अर्थ**, प्रकृति, महत्व और उद्देश्य संप्रेषण के तत्व व प्रकार** संप्रेषण की विशेषताएं**, संप्रेषण की प्रक्रिया**

Month of March

अंतर्राष्ट्रीय संप्रेषण व सांस्कृतिक भिन्नता, प्रौद्योगिकी आधारित संप्रेषण उपकरण, मौखिक और गैर मौखिक संप्रेषण, श्रवण प्रक्रिया, श्रवण में बाधाएं, श्रवण के प्रकार, प्रभावी ढंग से श्रवण के लाभ, नोट लेना और नोट बनाना। भारत में बोली जाने वाले हिंदी, हिंदी भाषण ध्वनियों का विवरण और अभिव्यक्ति।

Month of April

हिंदी में भाषण के अंग, वर्तन और उच्चारण, शब्दकोश के अनुसार शब्दों में प्राप्त उच्चारण का अंतर्राष्ट्रीय ध्वन्यात्मक वर्णमाला प्रति लेखन, प्रस्तुति कौशल, साक्षात्कार कौशल, परियोजना कार्य तथा टैस्ट

Month of May

साक्षात्कार के लिए तैयारी, साक्षात्कार तकनीक, सार्वजनिक भाषण, भाषण की तैयारी, भाषण का आयोजन, भाषण की प्रस्तुति तथा समस्त पाठ्यक्रम की दोहराई

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Jyotiba Phule Govt. College Radaur -Yamuna Nagar
Lesson Plan (2023-24) [Even Semester]

Name of Techer	**Mangla Singh**
Department	**Political Science**
Class & Section	**B.A. 2nd Sem**
Subject and Code	**Principles of Political Science-2,**
Semester Duration (Tentative)	**15th Feb 2024 - 15th May 2024**

Topics - Week Wise

Week 1
Unit 1- Organ of Government: Executive, Legislative
Week 2
Unit 1- Judiciary, Seperation of Power
Week 3
Unit 1-Rule of Law
Week 4
Unit 2- Forms of Government: Unitary and Federal System
Week 5
Unit 2- Forms of Government: Presidential System

Week 6
Unit 2- Parliamentry System
Week 7
Unit 3-Political Parties, Pressure Groups
Week 8
Unit 3-Representation
Week 9
Unit 3- Bureaucracy
Week 10
Unit 4-Monarchy and Totalitarianism
Week 11
Unit 4- Military Rule
Week 12
Unit 10-Democracy

Note:- The teaching of topics to the students on the Week s mentioned above may not be exactly followed and may have little variations/fluctuations because of some unforeseen circumstances. For example: various Functions/Activities organized by the College (Musical Meet, Blood Donation, Important Days Celebrations, Co-Curricular/Extra-curricular Activities etc.), Response of Students in the Class, Request of Students for Repetition of some specific Topics, Practical Examinations, Unpredicted Leaves, Restricted Holidays etc.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar
Lesson Plan (2023-24) [Even Semester]

Name of Techer	**Mangla Singh**
Department	**Political Science**
Class & Section	**B.A. 4th Sem**
Subject and Code	**Indian Political Thinkers, PS 24(ii)**
Semester Duration (Tentative)	**20th Jan 2024 - 30th April 2024**

Topics - Week Wise

Week 1
Unit 1-Jay Prakash Narayan
Week 2
Unit 1- Jay Prakash Narayan
Week 3
Unit 1-Ram Manohar Lohia
Week 4
Unit 2- Mahatma Gandhi
Week 5
Unit 2- Mahatma Gandhi

Week 6
Unit 2- M.N. Roy
Week 7
Unit 2- M.N. Roy
Week 8
Unit 3- Jawahar Lal Nehru
Week 9
Unit 3-Jawahar Lal Nehru
Week 10
Unit 3- B.R. Ambedkar
Week 11
Unit 3- B.R. Ambedkar
Week 12
Unit 4- Subhash Chandra Bose

Week 13
Unit 4-Bhagat Singh
Week 14
Unit 4-Bhagat Singh
Note:- The teaching of topics to the students on the Week s mentioned above may not be exactly followed and may have little variations/fluctuations because of some unforeseen circumstances. For example: various Functions/Activities organized by the College (Musical Meet, Blood Donation, Important Days Celebrations, Co-Curricular/Extra-curricular Activities etc.), Response of Students in the Class, Request of Students for Repetition of some specific Topics, Practical Examinations, Unpredicted Leaves, Restricted Holidays etc.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar
Lesson Plan (2023-24) [Even Semester]

Name of Techer	**Mangla Singh**
Department	**Political Science**
Class & Section	**B.A. 6th Sem**
Subject and Code	**International Organisation, PS 26(ii)**
Semester Duration (Tentative)	**20th Jan 2024- 30th April 2024**

Topics - Week Wise

Week 1
Unit 1-Evolution and Growth of International Organisation
Week 2
Unit 1- League and UN System
Week 3
Unit 1-Comparison Between League and UN System
Week 4
Unit 2- Organs of United Nations
Week 5
Unit 2- Organs of United Nations

Week 6
Unit 3- Working of United Nations Towards Peace: Peace Making
Week 7
Unit 3-Peace Enforcement, Peace Building, Peace Keeping
Week 8
Unit 4- UN and Disarmament
Week 9
Unit 3-Democratisation of UN and Indias claim for permanent seat
Week 10
Unit 4- Assesment of UN and Reforms
Week 11
Week 12

Week 13
Week 14
Note:- The teaching of topics to the students on the Week s mentioned above may not be exactly followed and may have little variations/fluctuations because of some unforeseen circumstances. For example: various Functions/Activities organized by the College (Musical Meet, Blood Donation, Important Days Celebrations, Co-Curricular/Extra-curricular Activities etc.), Response of Students in the Class, Request of Students for Repetition of some specific Topics, Practical Examinations, Unpredicted Leaves, Restricted Holidays etc.

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ms. Anita**
Department	**Economics**
Class & Section	**B.A I (A+B)**
Subject and Code	**B23-ECO-201**
Semester Duration	**Feb 2024 to May 2024**

Topics

Month of February

Nature and Scope of Macro Economics, Difference between Micro and Macro Economics Importance of Macro Economics. Concepts, Measurement and limitations of National Income Statistics, Circular flow of Income in Two, Three and Four Sector Economy

Month of March

Say's law of Market, Classical Theory of Income and Employment. Keynesian Theory of Income and Employment, Principle of Effective Demand, Comparison between Classical and Keynesian Theory of Employment

Month of April

Consumption Function: Meaning and Technical Attributes, Significance of MPC, Relationship between APC & MPC, Keynesian Psychological Law of Consumption and its Implications, Short-run & Long-run Consumption functions

Month of May

Meaning of Capital and Investment, Types of Investment, Marginal Efficiency of Capital (MEC). Relation between MEC and MEI, Factors affecting Inducement to Invest

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ms. Anita**
Department	**Economics**
Class & Section	**B. A II Semester IV**
Subject and Code	**EC -24**
Semester Duration	**Jan. 2024-April 2024**

Topics

Month of January

Keynesian Multiplier: Concepts, Relation between Multiplier, MPC and MPS, Comparative Static and Dynamic Process, Working of Multiplier in UDC'S. Acceleration Principle and Concept of Super Multiplier

Month of February

Meaning, Causes and Effects of Inflation Types of Inflation Theories of inflation; Demand Pull and Cost Push Inflation. Phillips Curve in Short run and Long run.

Month of March

Meaning, Nature and Features of Business Cycles. Types and Phases of Business Cycles. Keynes's View of Trade Cycles Theories of Trade Cycles (Hicks and Samuelson), Rate of Interest: Classical and Keynesian Theories of Interest

Month of April

The Demand for Money: Concepts, Functions and Significance. Quantity Theory of Money - Fisher's Approach and Cambridge Approach, Keynesian Theory of Money. Supply of Money: Meaning and Determinants

Govt. College, Aharwala (Bilaspur) -Yamuna Nagar Lesson Plan (2023-24) [Even Semester]

Name of Teacher	**Ms. Anita**
Department	**Economics**
Class & Section	**B. A III Semester IV**
Subject and Code	**EC-26**
Semester Duration	**Jan. 2024 to April 2024**

Topics

Month of January

Role of Industrialization, Industrial Policy-1991 onwards. New Economic Reforms-Concepts (1) Liberalization, (i) Privatization, (ii) Globalization,

Small and Large Scale Industry-Growth and Problems.Growth of Knowledge Based Industry-IT, Software Consultancy

Meaning and Classification of Labour

Month of February

Characteristics of Industrial Labour,Industrial Disputes Causes, Measures for Settlement.Social Security Measures in India.

Month of March

Meaning, Concepts, Need and Objectives ,Types of Planning, Merits and Demerits,Objectives, Achievements, and Failures of Five Year Plans,Objectives of ongoing Five Year Plan

Month of April

Trends and Composition of India's Imports. Trends and Direction of India's Exports. EXIM Policy of India in relation to Trade Liberalization and its impacts.FDI, Fil and MNCs in India,External Borrowings and BOP Problem in India,International Institutions (IMF, WB, ADB, WTO) and the Indian Economy