

**Session 2023-24 (04.08.2023 to 24.11.2023)**

**Name of teacher: Dr. Shilpa Garg**

**Subject: Computer Science**

| <b>Date</b>       | <b>Class: B.Sc Comp. Sci</b>                                                                  | <b>Class: BCA I</b>                                                         | <b>Class B.Sc (NM)</b>                                   |
|-------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------|
|                   | <b>Semester: 5th</b>                                                                          | <b>Semester: Ist</b>                                                        | <b>Semester: 1st Sem</b>                                 |
|                   | <b>Subject: Fundamental of Database</b>                                                       | <b>Subject: Logical Org of Computer</b>                                     | <b>Subject: Basics of Computer Science</b>               |
| 04.08.2023        |                                                                                               |                                                                             | Orientation                                              |
| 05.08.2023        |                                                                                               |                                                                             |                                                          |
| 07.08.2023        | Unit-1: Data, Information, Records, files, Traditional file based Approach and its limitation | Unit 1: Number system:Octal, Hexadecimal Binary                             |                                                          |
| 08.08.2023        | Database, Data base management System,DB approach                                             | Conversion from one system to another                                       |                                                          |
| 09.08.2023        |                                                                                               | Conversion from one system to another                                       |                                                          |
| 10.08.2023        |                                                                                               |                                                                             | Unit 1: Definition, History and Generations of Computers |
| 11.08.2023        |                                                                                               |                                                                             |                                                          |
| 12.08.2023        |                                                                                               |                                                                             |                                                          |
| 14.08.2023        | Characterstics of DB,Components of DBMS Environment,                                          | BCD Numbers and codes, binary, weighted, Self Complicating and cyclic codes |                                                          |
| <b>15.08.2023</b> | <b>Independence Day</b>                                                                       |                                                                             |                                                          |
| 16.08.2023        |                                                                                               | Error Detecting and Correcting codes                                        |                                                          |
| 17.08.2023        |                                                                                               |                                                                             | Characteristics & Classification of Computers            |
| 18.08.2023        |                                                                                               |                                                                             |                                                          |
| 19.08.2023        |                                                                                               |                                                                             |                                                          |
| 21.08.2023        | DBMS Functions and Components                                                                 | Number representation: Interger Number                                      |                                                          |
| 22.08.2023        | Advantages and disadvantages of DBMS, Difference Between DB nd File system                    | Number representation: Real Number Normalized and Floating Point            |                                                          |
| 23.08.2023        |                                                                                               | Class Test                                                                  |                                                          |
| 24.08.2023        |                                                                                               |                                                                             | Fundamental Block diagram of Computer                    |

|                   |                                                                                             |                                                                               |                                                                 |
|-------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 25.08.2023        |                                                                                             |                                                                               |                                                                 |
| 26.08.2023        |                                                                                             |                                                                               |                                                                 |
| 28.08.2023        | Unit-2: Actors on the scene-Data and DB administrator                                       | Unit 2: Binary Arithmetic, Addition, subtraction, multiplication and division |                                                                 |
| 29.08.2023        | Database Designer, end users, Application developers, Workers Behind the scene              | arithmetic using 1's and 2's complement                                       |                                                                 |
| <b>30.08.2023</b> | <b>Raksha Bandhan</b>                                                                       |                                                                               |                                                                 |
| 31.08.2023        |                                                                                             |                                                                               | Definition and Types of Software, System software               |
| 01.09.2023        |                                                                                             |                                                                               |                                                                 |
| 02.09.2023        |                                                                                             |                                                                               |                                                                 |
| 04.09.2023        | Database System Architecture-Three Level Arch schemas, External, conceptual, internal level | BCD addition and subtraction, Boolean Algebra postulates, boolean theorem     |                                                                 |
| 05.09.2023        | Database languages: VDL, DDL, SDL, DML                                                      | Boolean Expression, Functions and Truth Tables                                |                                                                 |
| <b>06.09.2023</b> | <b>Janamashtmi</b>                                                                          |                                                                               |                                                                 |
| 07.09.2023        |                                                                                             |                                                                               | Application software and Utility software                       |
| 08.09.2023        |                                                                                             |                                                                               |                                                                 |
| 09.09.2023        |                                                                                             |                                                                               |                                                                 |
| 11.09.2023        | Structured query Language                                                                   | Canonical and Standard forms of Boolean functions                             |                                                                 |
| 12.09.2023        | Mappings: External/Conceptual & Conceptual/Internal                                         | Simplification of Boolean expression using postulates & amp                   |                                                                 |
| 13.09.2023        |                                                                                             | K-Map simplification                                                          |                                                                 |
| 14.09.2023        |                                                                                             |                                                                               | Types of Computer Languages, Assemblers, Interpreters, Compiler |
| 15.09.2023        |                                                                                             |                                                                               |                                                                 |
| 16.09.2023        |                                                                                             |                                                                               |                                                                 |
| 18.09.2023        | Data Independence-logical & Physical                                                        | handling don't care condition                                                 |                                                                 |
| 19.09.2023        | Unit-3: Data Models: High level, Low level Models                                           | Class Test                                                                    |                                                                 |

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|-------------------|----------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------|
| 20.09.2023        |                                                                            | Unit 3: Basic Gates, Universal Gates     |                                                                                                  |
| 21.09.2023        |                                                                            |                                          | Class Test                                                                                       |
| 22.09.2023        |                                                                            |                                          |                                                                                                  |
| <b>23.09.2023</b> | <b>Shaheedi Diwas/Haryana War Heroes' Martyrdom Day</b>                    |                                          |                                                                                                  |
| 25.09.2023        | <b>Class Test</b>                                                          | Universal Gates                          |                                                                                                  |
| 26.09.2023        | Record Based Data models, Object based data model                          | Multiplexer, Demultiplexer               |                                                                                                  |
| 27.09.2023        |                                                                            | Encoder, Decoder                         |                                                                                                  |
| 28.09.2023        |                                                                            |                                          | Unit 3: introduction, Types and functions of Operating System                                    |
| 29.09.2023        |                                                                            |                                          |                                                                                                  |
| 30.09.2023        |                                                                            |                                          |                                                                                                  |
| <b>02.10.2023</b> | <b>Mahatma Gandhi Jayanti</b>                                              |                                          |                                                                                                  |
| 03.10.2023        | Physical data model, Conceptual Models                                     | Comparator                               |                                                                                                  |
| 04.10.2023        |                                                                            | Code Converter                           |                                                                                                  |
| 05.10.2023        |                                                                            |                                          | Introduction to Windows, Starting Windows, Desk Top, Task Bar, Opening and closing applications, |
| 06.10.2023        |                                                                            |                                          |                                                                                                  |
| 07.10.2023        |                                                                            |                                          |                                                                                                  |
| 09.10.2023        | Er Model- Concepts, Entity, Types, entity sets, Attributes, Relationships, | Class Test                               |                                                                                                  |
| 10.10.2023        | Constraint, keys, degree, Cardinality                                      | Unit 4: Sequential Logic, Characteristic |                                                                                                  |
| 11.10.2023        |                                                                            | Flip Flops and their working             |                                                                                                  |
| 12.10.2023        |                                                                            |                                          | icons creating, renaming and removing. Date and Time setting                                     |
| 13.10.2023        |                                                                            |                                          |                                                                                                  |
| 14.10.2023        |                                                                            |                                          |                                                                                                  |
| 16.10.2023        | <b>Class Test</b>                                                          | Synchronous and Asynchronous FF          |                                                                                                  |
| 17.10.2023        | Er diagram of inventory system, payroll system,                            | Trigering of FF, Clocked RS              |                                                                                                  |
| 18.10.2023        |                                                                            | D type, JK FF and Master Slave FF        |                                                                                                  |
| 19.10.2023        |                                                                            |                                          | Working with files and folders                                                                   |
| 20.10.2023        |                                                                            |                                          |                                                                                                  |

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|---------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|
| 21.10.2023                      |                                                                            |                                                         |                                                                   |
| 23.10.2023                      | Reservation System, online book store                                      | State Table, State Diag and Equation,                   |                                                                   |
| <b>24.10.2023</b>               | <b>Dussehra</b>                                                            |                                                         |                                                                   |
| 25.10.2023                      |                                                                            | FF Characteristics and excitation tables                |                                                                   |
| 26.10.2023                      |                                                                            |                                                         | Unit 4: Networking: Concept                                       |
| 27.10.2023                      |                                                                            |                                                         |                                                                   |
| <b>28.10.2023</b>               | <b>Maharishi Valmiki Jayanti</b>                                           |                                                         |                                                                   |
| 30.10.2023                      | Unit 4: Classification of DBMS, Centralized and Client server architecture |                                                         |                                                                   |
| 31.10.2023                      | Relational data model: history, terminology in Relational Data Structure   |                                                         |                                                                   |
| <b>01.11.2023</b>               | <b>Haryana Day</b>                                                         |                                                         |                                                                   |
| 02.11.2023                      |                                                                            |                                                         | Data Transmission Media, LAN, MAN, WAN                            |
| 03.11.2023                      |                                                                            |                                                         |                                                                   |
| 04.11.2023                      |                                                                            |                                                         |                                                                   |
| 06.11.2023                      | Relations, Properties of relations, KEYS-Primary, Secondary, Composite     | Sequential circuits: Designing and registers-SISO, SIPO |                                                                   |
| 07.11.2023                      | Candidate, alternate Keys, Foreign key, Domains                            | PISO and PIPO registers                                 |                                                                   |
| 08.11.2023                      |                                                                            | Class Test                                              |                                                                   |
| 09.11.2023                      |                                                                            |                                                         | Introduction of Internet and WWW, working and popular web browser |
| <b>10.11.2023 to 16.11.2023</b> | <b>Diwali Vacations</b>                                                    |                                                         |                                                                   |
| 17.11.2023                      |                                                                            |                                                         |                                                                   |
| 18.11.2023                      |                                                                            |                                                         |                                                                   |
| 20.11.2023                      | Revision                                                                   | Revision                                                |                                                                   |
| 21.11.2023                      | Class Test                                                                 | Revision                                                |                                                                   |
| 22.11.2023                      |                                                                            | Class Test                                              |                                                                   |
| 23.11.2023                      |                                                                            |                                                         | Class Test                                                        |
| 24.11.2023                      |                                                                            |                                                         |                                                                   |
| <b>25.11.2023</b>               | <b>Examinations Onwards</b>                                                |                                                         |                                                                   |

# Dayanand Mahila Mahavidyalaya, Kurukshetra

## Lesson Plan (Odd Semester)

Session 2023-24 (04.08.2023 to 24.11.2023)

Name of teacher: Mrs. Bhavana

| Date              | Class: B.Sc III Year 5th Sem                | Class: BCA I year Ist Sem                                                               | Class: B. Sc. I Year Ist Sem                                                           |
|-------------------|---------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|                   | Subject: Web Designing                      | Subject: Foundation of Computer Science                                                 | Subject: Essentials of Python                                                          |
| 04.08.2023        |                                             | Orientation                                                                             | Orientation                                                                            |
| 05.08.2023        |                                             | Unit-1: Computer Fundamentals                                                           | Unit 1: Introduction to python                                                         |
| 07.08.2023        |                                             |                                                                                         |                                                                                        |
| 08.08.2023        |                                             |                                                                                         |                                                                                        |
| 09.08.2023        | Unit-1: Internet, Application               |                                                                                         |                                                                                        |
| 10.08.2023        | Ways of Connect to internet                 | Evolution of Computers through generations                                              |                                                                                        |
| 11.08.2023        |                                             | Classification of Computers,                                                            | Keywords and Identifiers; Comments                                                     |
| 12.08.2023        |                                             | Functional Components of a Computer System, Applications of computers in Various Fields | Python Variables: Declaration of Variables, Assign Values to Variables, Initialization |
| 14.08.2023        |                                             |                                                                                         |                                                                                        |
| <b>15.08.2023</b> | <b>Independence Day</b>                     |                                                                                         |                                                                                        |
| 16.08.2023        | World wide web: History and evolution       |                                                                                         |                                                                                        |
| 17.08.2023        | Web Browsers                                | Types of Software: System software, Application Software                                |                                                                                        |
| 18.08.2023        |                                             | Memory Systems: Concept of bit, byte, word, nibble, storage locations and addresses,    | Reading, Variable naming restrictions, and Types of Python Variables.                  |
| 19.08.2023        |                                             | measuring units of storage capacity, access time, concept of memory hierarchy           | Python Data Types                                                                      |
| 21.08.2023        |                                             |                                                                                         |                                                                                        |
| 22.08.2023        |                                             |                                                                                         |                                                                                        |
| 23.08.2023        | Web server                                  |                                                                                         |                                                                                        |
| 24.08.2023        | Hyper text transfer protocol                | Primary Memory - RAM, ROM, PROM, EPROM.                                                 |                                                                                        |
| 25.08.2023        |                                             | Secondary Memory - Types of storage devices, Magnetic Disk                              | Class Test                                                                             |
| 26.08.2023        |                                             | Optical Disk, Flash Memory.                                                             | Unit 2: Operators                                                                      |
| 28.08.2023        |                                             |                                                                                         |                                                                                        |
| 29.08.2023        |                                             |                                                                                         |                                                                                        |
| <b>30.08.2023</b> | <b>Raksha Bandhan</b>                       |                                                                                         |                                                                                        |
| 31.08.2023        | Url's, Searching and web casting techniques | Hard Disk                                                                               |                                                                                        |
| 01.09.2023        |                                             | Class Test                                                                              | Operators Precedence                                                                   |

| Date              | Class: B.Sc III Year 5th Sem                            | Class: BCA I year Ist Sem                                                  | Class: B. Sc. I Year Ist Sem                                                 |
|-------------------|---------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------|
|                   | Subject: Web Designing                                  | Subject: Foundation of Computer Science                                    | Subject: Essentials of Python                                                |
| 02.09.2023        |                                                         | Unit:2 :I/O Ports of a Desk Top Computer, Device Controller, Device Driver | Python Control Flow Statement, Decision Making                               |
| 04.09.2023        |                                                         |                                                                            |                                                                              |
| 05.09.2023        |                                                         |                                                                            |                                                                              |
| <b>06.09.2023</b> | <b>Janamashtmi</b>                                      |                                                                            |                                                                              |
| 07.09.2023        | Search engine and search tools                          | I/O Devices                                                                |                                                                              |
| 08.09.2023        |                                                         | joystick, magnetic stripes, scanner, digital camera, and microphone        | Simple If Structure, if-else structure, if elif structure                    |
| 09.09.2023        |                                                         | Output Devices: speaker, monitor                                           | nested If Structure, Programs                                                |
| 11.09.2023        |                                                         |                                                                            |                                                                              |
| 12.09.2023        |                                                         |                                                                            |                                                                              |
| 13.09.2023        | Revision                                                |                                                                            |                                                                              |
| 14.09.2023        | Unit-2: Steps for Developing Website, contents          | printers: classification, laser, ink jet, dot-matrix                       |                                                                              |
| 15.09.2023        |                                                         | Plotter                                                                    | Class Test                                                                   |
| 16.09.2023        |                                                         | Introduction to Operating System: Definition, Functions                    | Unit 3: Looping: Python Loop Statements. Python while loop, Python for loop, |
| 18.09.2023        |                                                         |                                                                            |                                                                              |
| 19.09.2023        |                                                         |                                                                            |                                                                              |
| 20.09.2023        | Home page, Domain name                                  |                                                                            |                                                                              |
| 21.09.2023        | ISP, Planning and designing web site                    | Icon, Folder, File, Start Button, Task Bar, Status Buttons, Folders        |                                                                              |
| 22.09.2023        |                                                         | Shortcuts, Recycle Bin, Desktop, My Computer                               | Python range(), Python Nested Loop Structures                                |
| <b>23.09.2023</b> | <b>Shaheedi Diwas/Haryana War Heroes' Martyrdom Day</b> |                                                                            |                                                                              |
| 25.09.2023        |                                                         |                                                                            |                                                                              |
| 26.09.2023        |                                                         |                                                                            |                                                                              |
| 27.09.2023        | creating a website, Web Publishing                      |                                                                            |                                                                              |
| 28.09.2023        | Class Test                                              | My Documents, Windows Explorer, Control Panel.                             |                                                                              |
| 29.09.2023        |                                                         | Class Test                                                                 | Python Branching Statements – break, continue, pass                          |
| 30.09.2023        |                                                         | Unit 3: The Internet: Introduction to networks                             | Python Lists: Create Python Lists, Update Python Lists                       |
| <b>02.10.2023</b> | <b>Mahatma Gandhi Jayanti</b>                           |                                                                            |                                                                              |
| 03.10.2023        |                                                         |                                                                            |                                                                              |
| 04.10.2023        | Unit-3: Introduction to HTML; Hypertext                 |                                                                            |                                                                              |
| 05.10.2023        | Features of HTML, HTML Tags                             | internet history, WWW                                                      |                                                                              |
| 06.10.2023        |                                                         | Intranet & Extranet, Working of Internet                                   | Delete Elements from Python Lists                                            |
| 07.10.2023        |                                                         | Modes of Connecting to Internet                                            | Built-in Functions Methods for Python Lists                                  |

| Date                            | Class: B.Sc III Year 5th Sem                                          | Class: BCA I year 1st Sem                                     | Class: B. Sc. I Year 1st Sem                                                 |
|---------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------|
|                                 | Subject: Web Designing                                                | Subject: Foundation of Computer Science                       | Subject: Essentials of Python                                                |
| 09.10.2023                      |                                                                       |                                                               |                                                                              |
| 10.10.2023                      |                                                                       |                                                               |                                                                              |
| 11.10.2023                      | Structure of HTML, paragraph, bold italic, underline tag              |                                                               |                                                                              |
| 12.10.2023                      | lists, Linking list, Text Structuring, Text Styles, movement of text  | Electronic Mail                                               |                                                                              |
| 13.10.2023                      |                                                                       | Advantages and disadvantages of email, User Ids, Passwords    | Class Test                                                                   |
| 14.10.2023                      |                                                                       | e-mail addresses, URL                                         | Unit 4: Tuples: create, update, join and methods                             |
| 16.10.2023                      |                                                                       |                                                               |                                                                              |
| 17.10.2023                      |                                                                       |                                                               |                                                                              |
| 18.10.2023                      | Unit-4: Images: Types of images, Inserting images, Movement of Images |                                                               |                                                                              |
| 19.10.2023                      | Frame creation and layouts                                            | message components                                            |                                                                              |
| 20.10.2023                      |                                                                       | Class Test                                                    | Sets: create, add/remove items, join sets, set methods                       |
| 21.10.2023                      |                                                                       | Unit 4: Threats: Physical & non-physical threats, Virus, Worm | Dictionary: create, access, add/remove items                                 |
| 23.10.2023                      |                                                                       |                                                               |                                                                              |
| 24.10.2023                      | <b>Dussehra</b>                                                       |                                                               |                                                                              |
| 25.10.2023                      | Forms                                                                 |                                                               |                                                                              |
| 26.10.2023                      | Tables, Tables Handling Functions                                     | Cookies, Phishing                                             |                                                                              |
| 27.10.2023                      |                                                                       | Hacking, Cracking                                             | dictionary methods. Manipulating                                             |
| 28.10.2023                      | <b>Maharishi Valmiki Jayanti</b>                                      |                                                               |                                                                              |
| 30.10.2023                      |                                                                       |                                                               |                                                                              |
| 31.10.2023                      |                                                                       |                                                               |                                                                              |
| 01.11.2023                      | <b>Haryana Day</b>                                                    |                                                               |                                                                              |
| 02.11.2023                      | Creating check box, radio buttons, drop down list                     | Spyware, Keyloggers, Rootkits, Adware                         |                                                                              |
| 03.11.2023                      |                                                                       | Computer Security Fundamentals                                | Strings - Working with Strings, Useful String Methods                        |
| 04.11.2023                      |                                                                       | Security Mechanisms, Security Awareness, Security Policy,     | Python Functions: defining function, arbitrary arguments, keywords arguments |
| 06.11.2023                      |                                                                       |                                                               |                                                                              |
| 07.11.2023                      |                                                                       |                                                               |                                                                              |
| 08.11.2023                      | Revision                                                              |                                                               |                                                                              |
| 09.11.2023                      | Class Test                                                            | anti-virus software                                           |                                                                              |
| <b>10.11.2023 to 16.11.2023</b> |                                                                       | <b>Diwali Vacations</b>                                       |                                                                              |
| 17.11.2023                      |                                                                       | Firewalls, Types                                              | Lambda; Arrays: looping through array elements, array methods                |

| Date              | Class: B.Sc III Year 5th Sem | Class: BCA I year Ist Sem               | Class: B. Sc. I Year Ist Sem  |
|-------------------|------------------------------|-----------------------------------------|-------------------------------|
|                   | Subject: Web Designing       | Subject: Foundation of Computer Science | Subject: Essentials of Python |
| 18.11.2023        |                              | Backup & recovery                       | Revision                      |
| 20.11.2023        |                              |                                         |                               |
| 21.11.2023        |                              |                                         |                               |
| 22.11.2023        | Revision                     |                                         |                               |
| 23.11.2023        | Revision                     |                                         |                               |
| 24.11.2023        |                              | Revision                                | Revision                      |
| <b>25.11.2023</b> | <b>Examinations Onwards</b>  |                                         |                               |









# Dayanand Mahila Mahavidyalaya, Kurukshetra

## Lesson Plan (Odd Semester)

Session 2023-24 (04.08.2023 to 24.11.2023)

Name of teacher: Ms. Neetu Dhiman

Subject: SAD, DBMS, SEC(Advance Spreadsheets Tools), SEC(Office and Spreadsheet Tools Learning)

| Date              | Clas:B.Com III(Voc)                            | Class: B.Com II(Voc)                                   | Class: B.Com I(Gen)                                | Class: B.A I                                                              |
|-------------------|------------------------------------------------|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------|
|                   | Semester: 5th                                  | Semester: 3rd                                          | Semester: Ist                                      | Semester: Ist                                                             |
| 04.08.2023        | Introduction of System                         | Introduction to DBMS                                   | Orientation                                        | Orientation                                                               |
| 05.08.2023        | Defination of system, charasterstics of system | Basic of data base, Terminology, Elements of data base |                                                    |                                                                           |
| 07.08.2023        |                                                |                                                        | Innrroduction to Workbook Options & Settings       | Introduction about Operating System, Def, Functions & Types               |
| 08.08.2023        |                                                |                                                        | Create, Nevigate, Format Worksheets and workbooks  | Popular OS, User Interface, Icons, Taskbar, Desktop                       |
| 09.08.2023        |                                                |                                                        |                                                    |                                                                           |
| 10.08.2023        |                                                |                                                        |                                                    |                                                                           |
| 11.08.2023        | Elements, Types of System                      | DBMS Architectuire                                     |                                                    |                                                                           |
| 12.08.2023        | Cont...Types of system                         | Adv, Dis & Types of DBMS                               |                                                    |                                                                           |
| 14.08.2023        |                                                |                                                        | Customise, Views, Configure Worksheets & Workbooks | Using Menu & Menu selection, Managing Files & Folder                      |
| <b>15.08.2023</b> | <b>Independence Day</b>                        |                                                        |                                                    |                                                                           |
| 16.08.2023        |                                                |                                                        |                                                    |                                                                           |
| 17.08.2023        |                                                |                                                        |                                                    |                                                                           |
| 18.08.2023        | SDLC                                           | Role of database admin, Database models                |                                                    |                                                                           |
| 19.08.2023        | CONT....SDLC                                   | Hierarchical Model, Network Model                      |                                                    |                                                                           |
| 21.08.2023        |                                                |                                                        | Apply /custom Data and format & Validation.        | Introduction to Control Pannel , Display Properties.                      |
| 22.08.2023        |                                                |                                                        | Apply Advance Conditional Formatting & Filtering.  | Add / Remove Software & Hardware.                                         |
| 23.08.2023        |                                                |                                                        |                                                    |                                                                           |
| 24.08.2023        |                                                |                                                        |                                                    |                                                                           |
| 25.08.2023        | Class Test                                     | Relational model                                       |                                                    |                                                                           |
| 26.08.2023        | MIS, TCS, DSS                                  | Revision of covered topics                             |                                                    |                                                                           |
| 28.08.2023        |                                                |                                                        | Create and Modify Custom Workbook elememts         | Revision of covered topics                                                |
| 29.08.2023        |                                                |                                                        | Revision of covered topics                         | Intro to Word Processing, Menus, Creating, Editing & Formatting Document. |
| <b>30.08.2023</b> | <b>Raksha Bandhan</b>                          |                                                        |                                                    |                                                                           |

| Date              | Clas:B.Com III(Voc)                                     | Class: B.Com II(Voc)       | Class: B.Com I(Gen)                                     | Class: B.A I                                                          |
|-------------------|---------------------------------------------------------|----------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|
|                   | Semester: 5th                                           | Semester: 3rd              | Semester: Ist                                           | Semester: Ist                                                         |
| 31.08.2023        |                                                         |                            |                                                         |                                                                       |
| 01.09.2023        | Techno-Economic Feasibility                             | Keys & integrity rule      |                                                         |                                                                       |
| 02.09.2023        | Role of system Analyst                                  | Relational algebra         |                                                         |                                                                       |
| 04.09.2023        |                                                         |                            | Introduction about Tables                               | Spell Checking, Printing, Views, Tables, Word art.                    |
| 05.09.2023        |                                                         |                            | Create & Manage Tables, Options, Filter, Sorting        | Mail Merge, Macros & Hyperlink                                        |
| <b>06.09.2023</b> | <b>Janamashtmi</b>                                      |                            |                                                         |                                                                       |
| 07.09.2023        |                                                         |                            |                                                         |                                                                       |
| 08.09.2023        | logical, Physical, Form Design                          | Revision of covered topics |                                                         |                                                                       |
| 09.09.2023        | Sessional 1                                             | Sessional 1                |                                                         |                                                                       |
| 11.09.2023        |                                                         |                            | Revision of covered topics                              | Revision of covered topics                                            |
| 12.09.2023        |                                                         |                            | Sessional 1                                             | Sessional 1                                                           |
| 13.09.2023        |                                                         |                            |                                                         |                                                                       |
| 14.09.2023        |                                                         |                            |                                                         |                                                                       |
| 15.09.2023        | Input & Output Form                                     | E-R diagrams               |                                                         |                                                                       |
| 16.09.2023        | Doubts of students                                      | Normalization              |                                                         |                                                                       |
| 18.09.2023        |                                                         |                            | Perform Opertaions with Formulas & Function             | Modify Page setup, Apply Doc Themes, Style, Inserting Header & footer |
| 19.09.2023        |                                                         |                            | Data, Perform Conditional Operations by Using Functions | Intro to Spreadsheets, Elements of Electronic Spreadsheets            |
| 20.09.2023        |                                                         |                            |                                                         |                                                                       |
| 21.09.2023        |                                                         |                            |                                                         |                                                                       |
| 22.09.2023        | Introduction about Testing                              | Normalization cont....     |                                                         |                                                                       |
| <b>23.09.2023</b> | <b>Shaheedi Diwas/Haryana War Heroes' Martyrdom Day</b> |                            |                                                         |                                                                       |
| 25.09.2023        |                                                         |                            | Format & Modify Text by Using Functions                 | Applications, Creating & Opening spreadsheets, Menus                  |
| 26.09.2023        |                                                         |                            | Class Test                                              | Manipulations of Cells, Enter text & number                           |
| 27.09.2023        |                                                         |                            |                                                         |                                                                       |
| 28.09.2023        |                                                         |                            |                                                         |                                                                       |
| 29.09.2023        | System testing                                          | Update anomalies           |                                                         |                                                                       |
| 30.09.2023        | Auditing                                                | INF, 2NF, 3NF, BCNF        |                                                         |                                                                       |
| <b>02.10.2023</b> | <b>Mahatma Gandhi Jayanti</b>                           |                            |                                                         |                                                                       |
| 03.10.2023        |                                                         |                            | Introduction to Charts                                  | Cell Height & Widths, Copying of Cells                                |
| 04.10.2023        |                                                         |                            | Create & Format Charts, Insert & format Options         | Mathematics, statistical & Financial Function                         |

| Date              | Clas:B.Com III(Voc)                | Class: B.Com II(Voc)                                     | Class: B.Com I(Gen)                                                  | Class: B.A I                                                                   |
|-------------------|------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------|
|                   | Semester: 5th                      | Semester: 3rd                                            | Semester: Ist                                                        | Semester: Ist                                                                  |
| 05.10.2023        |                                    |                                                          |                                                                      |                                                                                |
| 06.10.2023        | Revision of covered topics         | Class Test                                               |                                                                      |                                                                                |
| 07.10.2023        | Introduction to system maintenance | Database objects                                         |                                                                      |                                                                                |
| 09.10.2023        |                                    |                                                          | Manage Workbook Options & Settings                                   | Drawing Charts, Sorting & Filter Data                                          |
| 10.10.2023        |                                    |                                                          | Create Advance Formulas, apply Functions in Formulas                 | Intro to Presentation Software, Creating, Modifying & enhancing a presentation |
| 11.10.2023        |                                    |                                                          |                                                                      |                                                                                |
| 12.10.2023        |                                    |                                                          |                                                                      |                                                                                |
| 13.10.2023        | Threats to security                | Tables, Views, Indexes, Triggers                         |                                                                      |                                                                                |
| 14.10.2023        | cont...                            | Functions Package & procedures                           |                                                                      |                                                                                |
| 16.10.2023        |                                    |                                                          | Look up data by using functions, apply advance date & time Functions | Doubts of students                                                             |
| 17.10.2023        |                                    |                                                          | Perform Data Analysis & Business Intelligence                        | Type of Presentation Views, Using Sound, Animation, Objects & Printing         |
| 18.10.2023        |                                    |                                                          |                                                                      |                                                                                |
| 19.10.2023        |                                    |                                                          |                                                                      |                                                                                |
| 20.10.2023        | Control Measures                   | Create directory, Database links,                        |                                                                      |                                                                                |
| 21.10.2023        | Sessional 2                        | Sessional 2                                              |                                                                      |                                                                                |
| 23.10.2023        |                                    |                                                          | Sessional 2                                                          | Sessional 2                                                                    |
| <b>24.10.2023</b> | <b>Dussehra</b>                    |                                                          |                                                                      |                                                                                |
| 25.10.2023        |                                    |                                                          |                                                                      |                                                                                |
| 26.10.2023        |                                    |                                                          |                                                                      |                                                                                |
| 27.10.2023        | Revision                           | Intriduction to SQL                                      |                                                                      |                                                                                |
| <b>28.10.2023</b> | <b>Maharishi Valmiki Jayanti</b>   |                                                          |                                                                      |                                                                                |
| 30.10.2023        |                                    |                                                          | Cretae Advance charts & Tables                                       | Doubts of students                                                             |
| 31.10.2023        |                                    |                                                          | Cretae & Manage Pivot tables & Pivot Charts                          | Revision                                                                       |
| <b>01.11.2023</b> | <b>Haryana Day</b>                 |                                                          |                                                                      |                                                                                |
| 02.11.2023        |                                    |                                                          |                                                                      |                                                                                |
| 03.11.2023        | Doubts of students                 | DDL, DML, DCL, TCL Commands                              |                                                                      |                                                                                |
| 04.11.2023        | Revision                           | Oracle terminology, Architecture, Role of database admin |                                                                      |                                                                                |
| 06.11.2023        |                                    |                                                          | Doubts of students                                                   | Class Test                                                                     |
| 07.11.2023        |                                    |                                                          | Class Test                                                           | Doubts of students                                                             |
| 08.11.2023        |                                    |                                                          |                                                                      |                                                                                |
| 09.11.2023        |                                    |                                                          |                                                                      |                                                                                |

| Date                            | Clas:B.Com III(Voc)         | Class: B.Com II(Voc)    | Class: B.Com I(Gen) | Class: B.A I  |
|---------------------------------|-----------------------------|-------------------------|---------------------|---------------|
|                                 | Semester: 5th               | Semester: 3rd           | Semester: Ist       | Semester: Ist |
| <b>10.11.2023 to 16.11.2023</b> |                             | <b>Diwali Vacations</b> |                     |               |
| 17.11.2023                      | Doubts of students          | Doubts of students      |                     |               |
| 18.11.2023                      | Class Test                  | Class Test              |                     |               |
| 20.11.2023                      |                             |                         | Class Test          | Class Test    |
| 21.11.2023                      |                             |                         | Revision            | Revision      |
| 22.11.2023                      |                             |                         |                     |               |
| 23.11.2023                      |                             |                         |                     |               |
| 24.11.2023                      | Revision                    | Revision                |                     |               |
| <b>25.11.2023</b>               | <b>Examinations Onwards</b> |                         |                     |               |

**Davanand Mahila Mahavidyalaya, Kurukshetra****Lesson Plan (Odd Semester)**

Session 2023-24 (04.08.2023 to 24.11.2023)

Name of teacher: Mrs prabjot kaur

Subject computer science

| Date              | Class B.com1(v)+sfs+BTM1                   | Class BTM 2                                                     | Class M.com final                            |
|-------------------|--------------------------------------------|-----------------------------------------------------------------|----------------------------------------------|
|                   | Semester 1(Advanced spreadsheet tools)     | Semester 3(Computer Application in Tourism)                     | Semester 3(computer Application in business) |
| 04.08.2023        | ORIENTATION                                | Definition of computer,difference between data and information. | computer system meaning                      |
| 05.08.2023        | create worksheets and workbook             | CPU,ALU                                                         | scope of computer system                     |
| 07.08.2023        | navigate in worksheets and workbook        | Operating system,functions of operating system                  | Basic computer organization                  |
| 08.08.2023        | format worksheets and workbook             | Functions of a digital computer                                 | central processing unit                      |
| 09.08.2023        | customize options and views for worksheets | Application of computer in business                             | Input devices                                |
| 10.08.2023        | configure worksheets                       | Difference between computer and calculator                      | output devices                               |
| 11.08.2023        | workbook distribution                      | Introduction to input output devices                            | storage devices                              |
| 12.08.2023        | Apply custom data                          | pointing devices                                                | Introduction to software                     |
| 14.08.2023        | format and validations                     | difference between trackball and mouse                          | Types of software                            |
| <b>15.08.2023</b> | <b>Independence Day</b>                    |                                                                 |                                              |
| 16.08.2023        | Apply advanced conditional formatting      | output devices,monitor,printer,plotters                         | system software                              |
| 17.08.2023        | filtering the data                         | impact printers ,non impact printers                            | operating system                             |
| 18.08.2023        | Sorting a table                            | Introduction to storage devices                                 | user interface                               |
| 19.08.2023        | summerize data                             | various types of main and primary memories                      | types of user interface                      |
| 21.08.2023        | use of functions                           | Types of RAM ,SRAM,DRAM                                         | Application software                         |
| 22.08.2023        | create tables                              | ROM,PROM,EEPROM                                                 | word processing                              |
| 23.08.2023        | manage tables                              | Cache memory,                                                   | spreadsheets                                 |
| 24.08.2023        | table styles                               | Methods of Accessing Data                                       | Introduction to Database                     |
| 25.08.2023        | table options                              | magnetic disk,optical disk                                      | how to create tables                         |
| 26.08.2023        | filtering method                           | Introduction to windows                                         | working with queries                         |
| 28.08.2023        | sort a table                               | paint ,working with home tab                                    | what are reports                             |
| 29.08.2023        | summarize data by using functions          | working with view tab                                           | Explain form generation                      |
| <b>30.08.2023</b> | <b>Raksha Bandhan</b>                      |                                                                 |                                              |
| 31.08.2023        | perform conditional operations             | components of word tab document window                          | what are fuzzy logics                        |
| 01.09.2023        | format text                                | title bar>window controls,wordpad buttons,                      | Information Technology meaning               |
| 02.09.2023        | modify text                                | quick access toolbar,Ribbon,Rular,scroll bar                    | Information Technology concept               |
| 04.09.2023        | create charts                              | calculator,notepad,system tools                                 | Types of network                             |

|                   |                                                         |                                                            |                                      |
|-------------------|---------------------------------------------------------|------------------------------------------------------------|--------------------------------------|
| 05.09.2023        | format charts                                           | control pannel,open,view control pannel                    | Local area network                   |
| <b>06.09.2023</b> | <b>Janamashtmi</b>                                      |                                                            |                                      |
| 07.09.2023        | Insert objects                                          | date and time,screen saver option,desktop background       | Topologies                           |
| 08.09.2023        | format objects                                          | desktop gadgets,mouse,printer, file system                 | use of topologies                    |
| 09.09.2023        | manage workbooks                                        | copy,paste,delete,rename commands                          | wide area network                    |
| 11.09.2023        | manage worksheets                                       | create shortcut to a file                                  | what is EDP                          |
| 12.09.2023        | review workbook                                         | Introduction to information and communication technologies | explain Internet                     |
| 13.09.2023        | review worksheets                                       | Web portal and websites                                    | explain extranet                     |
| 14.09.2023        | Apply functions in formulas                             | Definition ,meaning,Role of ICT                            | concept and evaluation of internet   |
| 15.09.2023        | look up data by using functions                         | Importance of ICT in Tourism sector                        | concept and evaluation of extranet   |
| 16.09.2023        | apply advanced data and time functions                  | future of ICT in Tourism industry                          | uses of Internet                     |
| 18.09.2023        | perform data analysis                                   | what is Ecommerce                                          | Advantages of internet               |
| 19.09.2023        | business intelligence                                   | Meaning of Ecommerce                                       | Disadvantages of Internet            |
| 20.09.2023        | define named ranges                                     | Definition ,features of Ecommerce                          | Ms word ribbon concept               |
| 21.09.2023        | define named objects                                    | Functions of Ecommerce                                     | use of Ms word in business           |
| 22.09.2023        | create pivot tables                                     | limitations of Ecommerce                                   |                                      |
| <b>23.09.2023</b> | <b>Shaheedi Diwas/Haryana War Heroes' Martyrdom Day</b> |                                                            |                                      |
| 25.09.2023        | manage pivot tables                                     | Introduction to ETourism                                   | www                                  |
| 26.09.2023        | create pivot charts                                     | Meaning and definition of ETourism                         | use of www                           |
| 27.09.2023        | manage pivot charts                                     | case study of online travel agencies selling ETourism      | study of various websites            |
| 28.09.2023        | use color tab option                                    | Introduction to Internet                                   | Ms Excel spreadsheet                 |
| 29.09.2023        | use of passwords                                        | uses and application of Internet                           | use of spreadsheet in today business |
| 30.09.2023        | use of adding a sheet                                   | searching information on internet                          | Multimedia technologies              |
| <b>02.10.2023</b> | <b>Mahatma Gandhi Jayanti</b>                           |                                                            |                                      |
| 03.10.2023        | use of deletion of a sheet                              | uses of various search engines                             | types of multimedia                  |
| 04.10.2023        | use of color tab                                        | Introduction to CRS                                        | uses of multimedia technology        |
| 05.10.2023        | use of cell                                             | need and history of CRS systems                            | scope of multimedia technology       |
| 06.10.2023        | use of if else statement                                | Introduction to automation                                 | video conferencing                   |
| 07.10.2023        | bold,italic,underline concept                           | Introduction to Reservation                                | what are broadbands                  |
| 09.10.2023        | grow,shrink font size                                   | uses of Internet                                           | Ms Access scope in today world       |
| 10.10.2023        | Autoformatting                                          | Advantages and Disadvantages of internet                   | how to create tables in access       |
| 11.10.2023        | build in functions                                      | Applications of Internet                                   | how to create queries in access      |
| 12.10.2023        | use of formulas                                         | Web Addresses                                              | how to generate report               |
| 13.10.2023        | cell references                                         | Electronic mail                                            | Liking tables                        |
| 14.10.2023        | manage and organize data                                | Email Addresses                                            | what are web pages                   |

|                                 |                                                  |                                          |                                   |
|---------------------------------|--------------------------------------------------|------------------------------------------|-----------------------------------|
| 16.10.2023                      | goal seek                                        | Types of Email Accounts                  | explain web sites                 |
| 17.10.2023                      | scenarios                                        | Send a file as an attachment             | liking web pages                  |
| 18.10.2023                      | how to delete a cell                             | Replay to an Email                       | hyperlink concept                 |
| 19.10.2023                      | how to insert a cell                             | Formatting an Email                      | how to design web pages           |
| 20.10.2023                      | Reversing commands                               | Deleting an email                        | Requirements of internet          |
| 21.10.2023                      | use of complex functions                         |                                          | hardware requirements             |
| 23.10.2023                      | moving a copy of sheet from one place to another | exiting the Mail server                  | software requirements             |
| <b>24.10.2023</b>               | <b>Dussehra</b>                                  |                                          |                                   |
| 25.10.2023                      | subtotal of database                             | uses of online shopping                  | Applications of Internet          |
| 26.10.2023                      | changing column width                            | advantages of online shopping            | Web Addresses                     |
| 27.10.2023                      | Apply autoformatting                             | Disadvantages of online shopping         | Browsers                          |
| <b>28.10.2023</b>               | <b>Maharishi Valmiki Jayanti</b>                 |                                          |                                   |
| 30.10.2023                      | use of simple formulas                           | impact of computer on current generation | components of search results      |
| 31.10.2023                      | use of complex formulas                          |                                          | Guidelines for better search      |
| <b>01.11.2023</b>               | <b>Haryana Day</b>                               |                                          |                                   |
| 02.11.2023                      | copy cell data in special ways                   | various travel agencies information      | saving a web page                 |
| 03.11.2023                      | Undo commands                                    | computing analysis                       | creating Email.Id                 |
| 04.11.2023                      | redo commands                                    | what is Ms word,uses,scope               | viewing email id                  |
| 06.11.2023                      | format cell boarders and fill colour             | ribbons ms word                          | composing and sending email       |
| 07.11.2023                      | aligning data in cells                           | Ms Excel                                 | send file as an attachment        |
| 08.11.2023                      | Addressing modes                                 | various operations in Ms excel           | reply to an email                 |
| 09.11.2023                      | Sum functions                                    | use of exel in business                  | forwarding an email               |
| <b>10.11.2023 to 16.11.2023</b> | <b>Diwali Vacations</b>                          |                                          |                                   |
| 17.11.2023                      | common Mathematical functions                    | what is Ms powerpoint                    | Deleting an email                 |
| 18.11.2023                      | sorting database                                 | what are slides                          | exiting the mail server           |
| 20.11.2023                      | Auto filter                                      | what is the use of ppt in business       | email etiquettes                  |
| 21.11.2023                      | Advanced filter                                  | what is online conferencing              | scope of computer in modern world |
| 22.11.2023                      | formatting numbers                               | different methods of communication       | zoom applications                 |
| 23.11.2023                      | use of spreadsheet formulas                      | use of computer in today life            | online shopping                   |
| 24.11.2023                      | Ms Excel at a glance                             | Computer in Tourism at a glance          | Revision at a glance              |
| <b>25.11.2023</b>               | <b>Examinations Onwards</b>                      |                                          |                                   |

**Dayanand Mahila Mahavidyalaya, Kurukshetra****Lesson Plan (Odd Semester)**

Session 2023-24 (04.08.2023 to 24.11.2023)

Name of teacher: Mrs Sonu Chawla

**Subject: COMPUTER Science (Data Structures, Web Technology, Office & Spreadsheet tools learning)**

| Date              | B.Com(Voc) 2nd Year                                           | B.Com(Voc) Final year               | B.A (G+V) SEC 1st year                                                             |
|-------------------|---------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------|
|                   | 3rd Semester                                                  | 5th Semester                        | 1st Semester                                                                       |
| 04.08.2023        |                                                               |                                     | Orientation                                                                        |
| 05.08.2023        |                                                               |                                     | Unit 1: Operating system: definition, functions and types                          |
| 07.08.2023        | Introduction                                                  |                                     |                                                                                    |
| 08.08.2023        | Data structure: Linear and least structure: Array definition. |                                     |                                                                                    |
| 09.08.2023        |                                                               | Internet Basic-Introduction to HTML |                                                                                    |
| 10.08.2023        |                                                               | Html tags                           |                                                                                    |
| 11.08.2023        |                                                               |                                     | Basics of popular OS, The user interface, Exploring Computer                       |
| 12.08.2023        |                                                               |                                     | Icons, taskbar, desktop, using menu and menu selection, managing files and folders |
| 14.08.2023        | Address calculation                                           |                                     |                                                                                    |
| <b>15.08.2023</b> | <b>Independence Day</b>                                       |                                     |                                                                                    |
| 16.08.2023        |                                                               | Html basic tags continued           |                                                                                    |
| 17.08.2023        |                                                               | Creating table                      |                                                                                    |
| 18.08.2023        |                                                               |                                     | Control panel-display properties, add/remove S/W and H/W                           |
| 19.08.2023        |                                                               |                                     | Common utilities                                                                   |
| 21.08.2023        | Stack: Push algorithm                                         |                                     |                                                                                    |
| 22.08.2023        | Pop algorithms                                                |                                     |                                                                                    |
| 23.08.2023        |                                                               | List                                |                                                                                    |
| 24.08.2023        |                                                               | Linking document frames             |                                                                                    |

| Date              | B.Com(Voc) 2nd Year                    | B.Com(Voc) Final year          | B.A (G+V) SEC 1st year                                                                  |
|-------------------|----------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|
|                   | 3rd Semester                           | 5th Semester                   | 1st Semester                                                                            |
| 25.08.2023        |                                        |                                | Revision....                                                                            |
| 26.08.2023        | Revision                               |                                | Unit 2: Introduction to Word processing,Menus,creating ,editing and formatting document |
| 28.08.2023        |                                        |                                |                                                                                         |
| 29.08.2023        |                                        |                                |                                                                                         |
| <b>30.08.2023</b> | <b>Raksha Bandhan</b>                  |                                |                                                                                         |
| 31.08.2023        |                                        | Graphics to HTML docs          |                                                                                         |
| 01.09.2023        |                                        |                                | Spell checking,Printing,Views,tables ,Word Art                                          |
| 02.09.2023        |                                        |                                | Mail Merge,Macros,Inserting hyperlinks                                                  |
| 04.09.2023        | Applications                           |                                |                                                                                         |
| 05.09.2023        | Queue: INS algorithm                   |                                |                                                                                         |
| <b>06.09.2023</b> | <b>Janamashtmi</b>                     |                                |                                                                                         |
| 07.09.2023        |                                        | Style sheet, Style sheet basic |                                                                                         |
| 08.09.2023        |                                        |                                | Searching for text,Modifying page setup,applying document themes                        |
| 09.09.2023        |                                        |                                | Applying document style sets,Inserting headers&footers                                  |
| 11.09.2023        | DEL algorithms                         |                                |                                                                                         |
| 12.09.2023        | double and circular queue concept only |                                |                                                                                         |
| 13.09.2023        |                                        | Add style to document          |                                                                                         |
| 14.09.2023        |                                        | Creating style sheet rules     |                                                                                         |
| 15.09.2023        |                                        |                                | Revision...                                                                             |
| 16.09.2023        |                                        |                                | Revision....                                                                            |
| 18.09.2023        | Revision                               |                                |                                                                                         |

| Date              | B.Com(Voc) 2nd Year                                     | B.Com(Voc) Final year                                    | B.A (G+V) SEC 1st year                                                                          |
|-------------------|---------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|                   | 3rd Semester                                            | 5th Semester                                             | 1st Semester                                                                                    |
| 19.09.2023        | Revision                                                |                                                          |                                                                                                 |
| 20.09.2023        |                                                         | Style sheet properties-font,text-list                    |                                                                                                 |
| 21.09.2023        |                                                         | color and background color-box, display properties       |                                                                                                 |
| 22.09.2023        |                                                         |                                                          | Unit 3: Spreadsheet:Elements of electronic spreadsheet,applications                             |
| <b>23.09.2023</b> | <b>Shaheedi Diwas/Haryana War Heroes' Martyrdom Day</b> |                                                          |                                                                                                 |
| 25.09.2023        | List: single linked list                                |                                                          |                                                                                                 |
| 26.09.2023        | algorithm                                               |                                                          |                                                                                                 |
| 27.09.2023        |                                                         | Introduction to Java script-<br>advantage of Java script |                                                                                                 |
| 28.09.2023        |                                                         | Java script syntax-data type,<br>variable,array          |                                                                                                 |
| 29.09.2023        |                                                         |                                                          | Creating and opening of<br>spreadsheet,Menus                                                    |
| 30.09.2023        |                                                         |                                                          | Manipulation of cells.Enter<br>texts,numbers&dates,Cell<br>height and widths,copying of<br>cell |
| <b>02.10.2023</b> | <b>Mahatma Gandhi Jayanti</b>                           |                                                          |                                                                                                 |
| 03.10.2023        | Double linked list                                      |                                                          |                                                                                                 |
| 04.10.2023        |                                                         | Operator and Expression                                  |                                                                                                 |
| 05.10.2023        |                                                         | Looping constructor-function -<br>dialog box             |                                                                                                 |
| 06.10.2023        |                                                         |                                                          | Mathematical,Statistical and<br>Financial functions                                             |
| 07.10.2023        |                                                         |                                                          | Drawing different types of<br>charts,Sort and filter data                                       |
| 09.10.2023        | Circular linked list concepts                           |                                                          |                                                                                                 |
| 10.10.2023        | B-tree concept                                          |                                                          |                                                                                                 |
| 11.10.2023        |                                                         | Java script document object<br>model-Introduction        |                                                                                                 |
| 12.10.2023        |                                                         | Object in HTML                                           |                                                                                                 |

| Date              | B.Com(Voc) 2nd Year              | B.Com(Voc) Final year              | B.A (G+V) SEC 1st year                                                               |
|-------------------|----------------------------------|------------------------------------|--------------------------------------------------------------------------------------|
|                   | 3rd Semester                     | 5th Semester                       | 1st Semester                                                                         |
| 13.10.2023        |                                  |                                    | Revision....                                                                         |
| 14.10.2023        |                                  |                                    | Revision....                                                                         |
| 16.10.2023        | Revision                         |                                    |                                                                                      |
| 17.10.2023        | Revision                         |                                    |                                                                                      |
| 18.10.2023        |                                  | Event Handling                     |                                                                                      |
| 19.10.2023        |                                  | window object                      |                                                                                      |
| 20.10.2023        |                                  |                                    | Unit 4: Presentation<br>Software:Creating ,modifying<br>and enhancing a presentation |
| 21.10.2023        |                                  |                                    | Type of presentation views                                                           |
| 23.10.2023        | Files: Serial                    |                                    |                                                                                      |
| <b>24.10.2023</b> | <b>Dussehra</b>                  |                                    |                                                                                      |
| 25.10.2023        |                                  | Document object, Browser<br>object |                                                                                      |
| 26.10.2023        |                                  | Form object                        |                                                                                      |
| 27.10.2023        |                                  |                                    | Revision....                                                                         |
| <b>28.10.2023</b> | <b>Maharishi Valmiki Jayanti</b> |                                    |                                                                                      |
| 30.10.2023        | Sequential                       |                                    |                                                                                      |
| 31.10.2023        | indexed                          |                                    |                                                                                      |
| <b>01.11.2023</b> | <b>Haryana Day</b>               |                                    |                                                                                      |
| 02.11.2023        |                                  | Navigator object screen object     |                                                                                      |
| 03.11.2023        |                                  |                                    | Using sound and animation                                                            |
| 04.11.2023        |                                  |                                    | Working with objects,Printing                                                        |
| 06.11.2023        | direct                           |                                    |                                                                                      |

| Date                            | B.Com(Voc) 2nd Year         | B.Com(Voc) Final year         | B.A (G+V) SEC 1st year |
|---------------------------------|-----------------------------|-------------------------------|------------------------|
|                                 | 3rd Semester                | 5th Semester                  | 1st Semester           |
| 07.11.2023                      | Multi-list                  |                               |                        |
| 08.11.2023                      |                             | Build in object               |                        |
| 09.11.2023                      |                             | User defined objects, cookies |                        |
| <b>10.11.2023 to 16.11.2023</b> |                             | <b>Diwali Vacations</b>       |                        |
| 17.11.2023                      |                             |                               | Revision....           |
| 18.11.2023                      |                             |                               | Revision.....          |
| 20.11.2023                      | Revision                    |                               |                        |
| 21.11.2023                      | Revision                    |                               |                        |
| 22.11.2023                      |                             | Revision                      |                        |
| 23.11.2023                      |                             | Revision                      |                        |
| 24.11.2023                      |                             |                               | Revision.....          |
| <b>25.11.2023</b>               | <b>Examinations Onwards</b> |                               |                        |

**Dayanand Mahila Mahavidyalaya, Kurukshetra****Lesson Plan (Odd Semester)**

Session 2023-24 (04.08.2023 to 24.11.2023)

Name of teacher: Mrs. Swati Miglani

**Subject: Software Engineering, Problem solving through C, SEC(Basic IT tools)**

| Date              | Class B.Sc- II                       | Class BCA-I                         | Class BCA-I                                                  |
|-------------------|--------------------------------------|-------------------------------------|--------------------------------------------------------------|
|                   | Semester III                         | Semester I                          | Semester I                                                   |
| 04.08.2023        | Program Vs Software                  | Orientation Programme               | Orientation Programme                                        |
| 05.08.2023        | Software Engineering                 | History of C                        | Introduction to computer                                     |
| 07.08.2023        | Programming Paradigms                | Importance of C                     | Evolution of computers and its application                   |
| 08.08.2023        | Software Crisis                      | Structure of C                      | Basic of Hardware and software                               |
| 09.08.2023        | contd..                              | Contd..                             | Application software and system software                     |
| 10.08.2023        | Phases in Software Dev.              | Elements of C                       | Introduction to CPU                                          |
| 11.08.2023        | Contd..                              | Character set, identifiers          | Input Devices                                                |
| 12.08.2023        | Contd..                              | variables & constants               | Contd..                                                      |
| 14.08.2023        | Software Dev.Process Model           | contd..                             | Output Devices                                               |
| <b>15.08.2023</b> | <b>Independence Day</b>              |                                     |                                                              |
| 16.08.2023        | contd..                              | Assignment Statement                | Contd..                                                      |
| 17.08.2023        | Waterfall model                      | Symbolic constant                   | Contd..                                                      |
| 18.08.2023        | Prototype Model                      | Formatted Functions                 | Computer Memory & Storage                                    |
| 19.08.2023        | Contd..                              | contd..                             | Contd..                                                      |
| 21.08.2023        | Evolutionary model                   | Unformatted Functions               | Mobile Applications                                          |
| 22.08.2023        | contd..                              | contd..                             | Introduction to operating system                             |
| 23.08.2023        | Spiral model                         | Operators & Expressions             | Functions of operating system                                |
| 24.08.2023        | Role of metrics                      | contd..                             | Operating systems for desktop                                |
| 25.08.2023        | Feasibility Study                    | Evaluation of arithmetic expression | Operating systems for laptop                                 |
| 26.08.2023        | SRS                                  | Type casting & conversion           | operating systems for mobile phone and tablets               |
| 28.08.2023        | Contd..                              | operator hierarchy                  | User interface for operating sys.                            |
| 29.08.2023        | Need for SRS                         | contd..                             | Taskbar, icons and shortcut                                  |
| <b>30.08.2023</b> | <b>Raksha Bandhan</b>                |                                     |                                                              |
| 31.08.2023        | Characteristics of SRS               | associativity                       | Running an application, Simple settings of operating system. |
| 01.09.2023        | Component of SRS                     | Decision making                     | Changing System Date & Time                                  |
| 02.09.2023        | Contd..                              | if statement                        | Changing display properties                                  |
| 04.09.2023        | Problem Analysis                     | if -else                            | To add or remove programs                                    |
| 05.09.2023        | Information gathering tools          | nested if                           | File & folder mgmt.                                          |
| <b>06.09.2023</b> | <b>Janamashtmi</b>                   |                                     |                                                              |
| 07.09.2023        | Contd..                              | else if ladder, switch              | Introduction to internet, WWW                                |
| 08.09.2023        | Organising & structuring information | goto statement                      | LAN, MAN, WAN                                                |
| 09.09.2023        | contd..                              | contd..                             | Network topologies                                           |
| 11.09.2023        | Validation & metrics                 | Decision making & looping           | Contd..                                                      |
| 12.09.2023        | contd..                              | For loop                            | Applications of Internet                                     |
| 13.09.2023        | Data flow diagram                    | contd..                             | contd..                                                      |
| 14.09.2023        | data dictionary                      | do-while                            | Web Address, URL                                             |
| 15.09.2023        | Decision tree                        | contd..                             | Popular Web Browsers                                         |
| 16.09.2023        | contd..                              | jumps in loops                      | contd..                                                      |

| Date              | Class B.Sc- II                                          | Class BCA-I                         | Class BCA-I                       |
|-------------------|---------------------------------------------------------|-------------------------------------|-----------------------------------|
|                   | Semester III                                            | Semester I                          | Semester I                        |
| 18.09.2023        | Structured English                                      | break , continue statements         | Contd..                           |
| 19.09.2023        | Entity- Relationship Diagram                            | contd..                             | Popular Search Engines            |
| 20.09.2023        | Contd..                                                 | contd..                             | contd..                           |
| 21.09.2023        | Project Planning                                        | functions:<br>definition,prototypes | contd..                           |
| 22.09.2023        | Cost estimation                                         | passing parameters                  | contd..                           |
| <b>23.09.2023</b> | <b>Shaheedi Diwas/Haryana War Heroes' Martyrdom Day</b> |                                     |                                   |
| 25.09.2023        | COCOMO Model                                            | contd..                             | Introduction to email             |
| 26.09.2023        | contd..                                                 | contd..                             | Using Email                       |
| 27.09.2023        | Project scheduling                                      | recursion                           | How to open an email account      |
| 28.09.2023        | Staffing & personal planning                            | contd..                             | Contd..                           |
| 29.09.2023        | Team Structure                                          | introduction to storage class       | Mailbox: inbox & outbox           |
| 30.09.2023        | Software configuration Mgmt.                            | contd..                             | Creating and sending an email     |
| <b>02.10.2023</b> | <b>Mahatma Gandhi Jayanti</b>                           |                                     |                                   |
| 03.10.2023        | Quality Assurance plans                                 | auto                                | Contd..                           |
| 04.10.2023        | Project Monitoring plans                                | extern                              | Replying to email message         |
| 05.10.2023        | Risk Mgmt.                                              | contd..                             | Contd..                           |
| 06.10.2023        | contd..                                                 | register                            | Forwarding an email               |
| 07.10.2023        | Unit testing                                            | contd..                             | contd..                           |
| 09.10.2023        | Integration Testing                                     | static                              | Searching Email                   |
| 10.10.2023        | contd..                                                 | contd..                             | Attaching files with email        |
| 11.10.2023        | V and V                                                 | scope of the classes                | contd..                           |
| 12.10.2023        | System Testing                                          | storage & lifetime                  | contd..                           |
| 13.10.2023        | Alpha & Beta testing                                    | contd..                             | Email signature                   |
| 14.10.2023        | Black Box                                               | contd..                             | Contd..                           |
| 16.10.2023        | White box                                               | arrays                              | Introduction to Social Networking |
| 17.10.2023        | contd..                                                 | contd..                             | Facebook                          |
| 18.10.2023        | Cyclomatic Complexity                                   | types of array                      | contd..                           |
| 19.10.2023        | Sys. Implementation & maintainance                      | contd..                             | Twitter                           |
| 20.10.2023        | Maintenance Process                                     | intialization                       | contd..                           |
| 21.10.2023        | contd..                                                 | contd..                             | LinkedIn                          |
| 23.10.2023        | Maintenance Characteristics                             | processing an array                 | contd..                           |
| <b>24.10.2023</b> | <b>Dussehra</b>                                         |                                     |                                   |
| 25.10.2023        | contd..                                                 | contd..                             | Instagram                         |
| 26.10.2023        | contd..                                                 | passing an array to functions       | contd..                           |
| 27.10.2023        | Revision of unit I                                      | contd..                             | Instant Messaging                 |
| <b>28.10.2023</b> | <b>Maharishi Valmiki Jayanti</b>                        |                                     |                                   |
| 30.10.2023        | Contd..                                                 | contd..                             | Whats app                         |
| 31.10.2023        | Revision of unit II                                     | revision of unit I                  | Facebook                          |
| <b>01.11.2023</b> | <b>Haryana Day</b>                                      |                                     |                                   |
| 02.11.2023        | Contd..                                                 | Contd..                             | contd..                           |
| 03.11.2023        | contd..                                                 | revision of unit II                 | Telegram                          |
| 04.11.2023        | Revision of unit III                                    | Contd..                             | contd..                           |
| 06.11.2023        | Contd..                                                 | revision of unit III                | Introduction to blogs             |
| 07.11.2023        | Contd..                                                 | Contd..                             | contd..                           |
| 08.11.2023        | Revision of Unit IV                                     | contd..                             | Digital Locker                    |

| Date                            | Class B.Sc- II              | Class BCA-I             | Class BCA-I            |
|---------------------------------|-----------------------------|-------------------------|------------------------|
|                                 | Semester III                | Semester I              | Semester I             |
| 09.11.2023                      | Contd..                     | revision of unit IV     | contd..                |
| <b>10.11.2023 to 16.11.2023</b> |                             | <b>Diwali Vacations</b> |                        |
| 17.11.2023                      | contd..                     | Contd..                 | revision of unit 1     |
| 18.11.2023                      | Contd..                     | contd..                 | contd..                |
| 20.11.2023                      | Test of unit I              | contd..                 | revision of unit 2     |
| 21.11.2023                      | Test of unit II             | test of unit I, II      | contd..                |
| 22.11.2023                      | Test of unit III            | test of unit III        | Revision of unit 3 & 4 |
| 23.11.2023                      | Contd..                     | Contd..                 | contd..                |
| 24.11.2023                      | Test of unit IV             | test of unit IV         | contd..                |
| <b>25.11.2023</b>               | <b>Examinations Onwards</b> |                         |                        |

**Dayanand Mahila Mahavidyalaya, Kurukshetra****Lesson Plan (Odd Semester)**

Session 2023-24 (04.08.2023 to 24.11.2023)

Name of teacher: Ms.Shiwani

**Subject:COMPUTERS(Programing in C,Data Structures,Office &Spreadsheet tools learning)**

| Date              | B.SC(CS)1st year                                                                         | B.SC(CS)2nd year                                                                    | B.A (G+V) SEC 1st year                                                         |
|-------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|                   | 1st Semester                                                                             | 3rd Semester                                                                        | 1st Semester                                                                   |
| 04.08.2023        | Orientation                                                                              | Introduction                                                                        | Orientation                                                                    |
| 05.08.2023        |                                                                                          | Data structure definition,Data type v/s Data structure,Categories of data structure | Unit 1: Operating system:definition,functions and types                        |
| 07.08.2023        |                                                                                          |                                                                                     |                                                                                |
| 08.08.2023        |                                                                                          |                                                                                     |                                                                                |
| 09.08.2023        | Overview of C:History,importance,structure of C program                                  |                                                                                     |                                                                                |
| 10.08.2023        | Character set,constants and variables,Identifiers and keywords                           |                                                                                     |                                                                                |
| 11.08.2023        | Data type,assignment statement,symbolic constant                                         | Data structure operations,Applications of data structure                            | Basics of popular OS,The user interface,Exploring Computer                     |
| 12.08.2023        |                                                                                          | Algorithms complexity and time space trade-off,Big O notation                       | Icons,taskbar,desktop,using menu and menu selection,managing files and folders |
| 14.08.2023        |                                                                                          |                                                                                     |                                                                                |
| <b>15.08.2023</b> | <b>Independence Day</b>                                                                  |                                                                                     |                                                                                |
| 16.08.2023        | Formatted I/O function:Input function<br>viz...scanf(),getch(),getche(),getchar(),gets() |                                                                                     |                                                                                |
| 17.08.2023        | Output functions:viz..printf(),putch(), putchar(),puts()                                 |                                                                                     |                                                                                |
| 18.08.2023        | Revision.....                                                                            | Introduction:Strings,String operations                                              | Control panel-display properties,add/remove S/W and H/W                        |
| 19.08.2023        |                                                                                          | Pattern Matching Algorithms                                                         | Common utilities                                                               |
| 21.08.2023        |                                                                                          |                                                                                     |                                                                                |
| 22.08.2023        |                                                                                          |                                                                                     |                                                                                |
| 23.08.2023        | Operators&expressions: Arithmetic,Relational,Logical, Bitwise,Unary                      |                                                                                     |                                                                                |
| 24.08.2023        | Assignment,Conditional and special operators Operator hierarchy                          |                                                                                     |                                                                                |
| 25.08.2023        | Arithmetic expressions and evaluation of arithmetic expressions                          | Revision....                                                                        | Revision....                                                                   |

| Date              | B.SC(CS)1st year                                                                      | B.SC(CS)2nd year                                                              | B.A (G+V) SEC 1st year                                                                    |
|-------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                   | 1st Semester                                                                          | 3rd Semester                                                                  | 1st Semester                                                                              |
| 26.08.2023        |                                                                                       | Revision....                                                                  | Unit 2: Introduction to Word processing, Menus, creating ,editing and formatting document |
| 28.08.2023        |                                                                                       |                                                                               |                                                                                           |
| 29.08.2023        |                                                                                       |                                                                               |                                                                                           |
| <b>30.08.2023</b> | <b>Raksha Bandhan</b>                                                                 |                                                                               |                                                                                           |
| 31.08.2023        | Type Castings and conversions                                                         |                                                                               |                                                                                           |
| 01.09.2023        | Decision making with if-statement, if-else statement, nested if statement             | Arrays: Introduction, Linear arrays, representation of linear array in memory | Spell checking, Printing, Views, tables, Word Art                                         |
| 02.09.2023        |                                                                                       | Traversal, Insertion and Deletion in an array                                 | Mail Merge, Macros, Inserting hyperlinks                                                  |
| 04.09.2023        |                                                                                       |                                                                               |                                                                                           |
| 05.09.2023        |                                                                                       |                                                                               |                                                                                           |
| <b>06.09.2023</b> | <b>Janamashtmi</b>                                                                    |                                                                               |                                                                                           |
| 07.09.2023        | else-if ladder, switch and break statement, Go to statement                           |                                                                               |                                                                                           |
| 08.09.2023        | Looping statements: for, while and do while loops jump in loops                       | Multidimensional array, Sparse matrix                                         | Searching for text, Modifying page setup, applying document themes                        |
| 09.09.2023        |                                                                                       | Algorithms for Insertion, deletion in 2D array                                | Applying document style sets, Inserting headers & footers                                 |
| 11.09.2023        |                                                                                       |                                                                               |                                                                                           |
| 12.09.2023        |                                                                                       |                                                                               |                                                                                           |
| 13.09.2023        | Revision...                                                                           |                                                                               |                                                                                           |
| 14.09.2023        | Arrays: One dimensional arrays- declaration, initialization and memory representation |                                                                               |                                                                                           |
| 15.09.2023        | Two dimensional arrays- declaration, initialization and memory representation         | Revision.....                                                                 | Revision...                                                                               |
| 16.09.2023        |                                                                                       | Revision....                                                                  | Revision....                                                                              |
| 18.09.2023        |                                                                                       |                                                                               |                                                                                           |
| 19.09.2023        |                                                                                       |                                                                               |                                                                                           |
| 20.09.2023        | Functions: definition, prototype, function call                                       |                                                                               |                                                                                           |
| 21.09.2023        | Passing arguments to a function: Call by value, Call by reference                     |                                                                               |                                                                                           |
| 22.09.2023        | Recursive functions                                                                   | Linked List: Introduction, Array vs linked list, representation               | Unit 3: Spreadsheet: Elements of electronic spreadsheet, applications                     |
| <b>23.09.2023</b> | <b>Shaheedi Diwas/Haryana War Heroes' Martyrdom Day</b>                               |                                                                               |                                                                                           |

| Date              | B.SC(CS)1st year                                                          | B.SC(CS)2nd year                                            | B.A (G+V) SEC 1st year                                                                 |
|-------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------|
|                   | 1st Semester                                                              | 3rd Semester                                                | 1st Semester                                                                           |
| 25.09.2023        |                                                                           |                                                             |                                                                                        |
| 26.09.2023        |                                                                           |                                                             |                                                                                        |
| 27.09.2023        | Strings:declaration and initialization,String I/O,Array of strings        |                                                             |                                                                                        |
| 28.09.2023        | String manipulation functions:String Length,Copy,Compare,Concatenate etc. |                                                             |                                                                                        |
| 29.09.2023        | Search for a substring                                                    | Traversal,insertion,deletion                                | Creating and opening of spreadsheet,Menus                                              |
| 30.09.2023        |                                                                           | Searching,header linked list                                | Manipulation of cells:Enter texts,numbers&dates,Cell height and widths,copying of cell |
| <b>02.10.2023</b> | <b>Mahatma Gandhi Jayanti</b>                                             |                                                             |                                                                                        |
| 03.10.2023        |                                                                           |                                                             |                                                                                        |
| 04.10.2023        | Revision...                                                               |                                                             |                                                                                        |
| 05.10.2023        | Revision.....                                                             |                                                             |                                                                                        |
| 06.10.2023        | Revision.....                                                             | Circular linked list,Two way linked list                    | Mathematical,Statistical and Financial functions                                       |
| 07.10.2023        |                                                                           | Garbage collection,Applications of linked list,Algorithms   | Drawing different types of charts,Sort and filter data                                 |
| 09.10.2023        |                                                                           |                                                             |                                                                                        |
| 10.10.2023        |                                                                           |                                                             |                                                                                        |
| 11.10.2023        | Pointers in C: declaring and initializing pointers                        |                                                             |                                                                                        |
| 12.10.2023        | Accessing address and value of variables using pointers                   |                                                             |                                                                                        |
| 13.10.2023        | Pointers and Arrays                                                       | Stacks and Queues:Representation of Stacks,Stack operations | Revision....                                                                           |
| 14.10.2023        |                                                                           | Applications Of Stack,Queues,operation on queues            | Revision....                                                                           |
| 16.10.2023        |                                                                           |                                                             |                                                                                        |
| 17.10.2023        |                                                                           |                                                             |                                                                                        |
| 18.10.2023        | User defined data types: Structures-definition,advantages of structure    |                                                             |                                                                                        |
| 19.10.2023        | Declaring Structure variables,accessing structure members                 |                                                             |                                                                                        |
| 20.10.2023        | Structure members initialization,Arrays of structure                      | Circular queue,Dequeue,Priority queue,Applications          | Unit 4: Presentation Software:Creating ,modifying and enhancing a presentation         |
| 21.10.2023        |                                                                           | Tree:basics,representation,binary trees,basic operations    | Type of presentation views                                                             |
| 23.10.2023        |                                                                           |                                                             |                                                                                        |

| Date                            | B.SC(CS)1st year                                          | B.SC(CS)2nd year                                               | B.A (G+V) SEC 1st year        |
|---------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------|
|                                 | 1st Semester                                              | 3rd Semester                                                   | 1st Semester                  |
| <b>24.10.2023</b>               | <b>Dussehra</b>                                           |                                                                |                               |
| 25.10.2023                      | Revision.....                                             |                                                                |                               |
| 26.10.2023                      | Revision.....                                             |                                                                |                               |
| 27.10.2023                      | Revision.....                                             | Traversal of binary tree, Algorithm with and without recursion | Revision....                  |
| <b>28.10.2023</b>               | <b>Maharishi Valmiki Jayanti</b>                          |                                                                |                               |
| 30.10.2023                      |                                                           |                                                                |                               |
| 31.10.2023                      |                                                           |                                                                |                               |
| <b>01.11.2023</b>               | <b>Haryana Day</b>                                        |                                                                |                               |
| 02.11.2023                      | Unions- definition,difference between Structure and Union |                                                                |                               |
| 03.11.2023                      | Revision.....                                             | Graph:basics,representation, traversals                        | Using sound and animation     |
| 04.11.2023                      |                                                           | Directed,Undirected and weighted graph.                        | Working with objects,Printing |
| 06.11.2023                      |                                                           |                                                                |                               |
| 07.11.2023                      |                                                           |                                                                |                               |
| 08.11.2023                      | Revision.....                                             |                                                                |                               |
| 09.11.2023                      | Revision....                                              |                                                                |                               |
| <b>10.11.2023 to 16.11.2023</b> |                                                           | <b>Diwali Vacations</b>                                        |                               |
| 17.11.2023                      | Revision.....                                             | Revision..                                                     | Revision....                  |
| 18.11.2023                      |                                                           | Revision ....                                                  | Revision.....                 |
| 20.11.2023                      |                                                           |                                                                |                               |
| 21.11.2023                      |                                                           |                                                                |                               |
| 22.11.2023                      | Revision.....                                             |                                                                |                               |
| 23.11.2023                      | Revision....                                              |                                                                |                               |
| 24.11.2023                      | Revision....                                              | Revision....                                                   | Revision.....                 |
| <b>25.11.2023</b>               | <b>Examinations Onwards</b>                               |                                                                |                               |