**LESSON PLAN 2023-24 ODD SEM**

**Name of Professor: Ms. Shalin Bhola Class: B. Sc. Non Medical Sem 1**

**Subject: B23-SEC-103 Basic IT Tools**

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| **Month** | **Topic Covered** |
| 21.07.23 to 31.07.23 | Introduction to Computer: Computer and Latest IT gadgets, Evolution of Computers & its applications, Basics of Hardware and Software, Application Software, Systems Software, Utility Software. Central Processing Unit, Input devices, Output devices, Computer Memory & storage, Mobile Apps. Revision and test |
| 1.08.23 to 31.08.23 | Introduction to Operating System, Functions of the Operating system, Operating Systems for Desktop and Laptop, Operating Systems for Mobile Phone and Tablets, User Interface for Desktop and Laptop, Task Bar, Icons & shortcuts, Running an Application, Revision and test |
| 1.09.23 to 30.09.23 | Operating System Simple Setting, Changing System Date and Time, Changing Display Properties, To Add or Remove Program and Features, Adding, Removing & Sharing Printers, File and Folder Management. Revision and test |
| 01.10.2023 to 09.11.23 | Introduction to Internet and World Wide Web, Basic of Computer Networks, Local Area Network (LAN), Wide Area Network (WAN), Network Topology, Internet, Applications of Internet, Website Address and URL, Popular Web Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera etc.), Popular Search Engines, Searching on the Internet. E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail, replying to an E-mail message, forwarding an E-mail message, searching emails, Attaching files with email, Email Signature Revision and test |
| 17.11.23 to 24.11.23 | . Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging (WhatsApp, Facebook Messenger, Telegram), Introduction to Blogs, Digital Locker. Test and Revision |

**LESSON PLAN 2023-24 ODD SEM**

**Name of Professor: Ms. Shalin Bhola Class: BBA Sem 3**

**Subject: BBA-205: Fundamentals of DBMS and ORACLE**

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| **Month** | **Topic Covered** |
| 21.07.23 to 31.07.23 | Basic Concepts – Traditional file oriented approach, Disadvantages of simple file system, Database approach, Advantages of Database approach  Revision and test |
| 1.08.23 to 31.08.23 | Database Management Systems(DBMS), Components of DBMS Environment, Advantages and Disadvantages of DBMS  Computers: An introduction, use of computer in business, advantages and disadvantages, Revision and test |
| 1.09.23 to 30.09.23 | DBMS Architecture, Data Independence, Data Models, Keys, Computerized system for inventory control, payroll order, banking and accounting. SQL using ORACLE: Introduction to SQL, Components of SQL: DDL, DML & DCL, Data types in SQL,Revision and test |
| 01.10.2023 to 09.11.23 | DDL Commands: Create, Alter, Drop, Truncate.  Creating queries with DDL commands and implementing constraints. DML Commands: Insert, Delete, Update, Select, Select with Group by and Order by. Creating queries with DML commands  Revision and test |
| 17.11.23 to 24.11.23 | . Operators: Set and Logical, SQL functions: Numeric functions, Scalar functions and Group functions Report-Writing: Commands, advantages of Report writing  Test and Revision |

**LESSON PLAN 2023-24 ODD SEM**

**Name of Professor: Ms. Shalin Bhola Class: BCA Sem 5**

**Subject: BCA-351 Web Designing Fundamentals**

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| **Month** | **Topic Covered** |
| 21.07.23 to 31.07.23 | Introduction to Internet and World Wide Web; Evolution and History of World Wide Web; Basic Features; Web Browsers; Web Servers |
| 1.08.23 to 31.08.23 | Hypertext Transfer Protocol; URLs; Searching and Web- Casting Techniques; Search Engines and Search Tools, Steps for Developing Website; Choosing the Contents; Home Page; Domain Names; Internet Service Provider |
| 1.09.23 to 30.09.23 | Planning and Designing Web Site; Creating a Website; Web Publishing: Hosting Site;  Introduction to HTML; Hypertext and HTML; HTML Document Features; HTML Tags; Header, Title, Body, Paragraph, Ordered/Unordered Line, |
| 01.10.2023 to 09.11.23 | Creating Links; Headers; Text Styles; Text Structuring; Text Colors and Background; Formatting Text; Page layouts; Insertion of Text, Movement of Text Images: Types of Images, Insertion of Image, Movement of Image, Ordered and Unordered lists; Inserting Graphics; Table Handling Functions like Columns, Rows, Width, Colours |
| 17.11.23 to 24.11.23 | Frame Creation and Layouts; Working with Forms and Menus; Working with Buttons like Radio, Check Box; |

**LESSON PLAN 2023-24 ODD SEM**

**Name of Professor: Ms. Shalin Bhola Class: BA Pol Sc sem 1**

**Subject: B23-CSE-104 Fundamentals of Computer Science MDC**

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| **Month** | **Topic Covered** |
| 21.07.23 to 31.07.23 | Computer Fundamentals: Evolution of Computers through generations, Characteristics of Computers, Strengths and Limitations of Computers, Classification of Computers, Functional Components of a Computer System, Applications of computers in Various Fields. Types of Software: System software, Application software, Utility Software. |
| 1.08.23 to 31.08.23 | Memory Systems: Concept of bit, byte, word, nibble, storage locations and addresses, measuring units of storage capacity, access time, concept of memory hierarchy. Primary Memory - RAM, ROM, PROM, EPROM. Secondary Memory - Types of storage devices, Magnetic Tape, Hard Disk, Optical Disk, Flash Memory. |
| 1.09.23 to 30.09.23 | I/O Devices: I/O Ports of a Desk Top Computer, Device Controller, Device Driver. Input Devices: classification and use, keyboard, pointing devices - mouse, touch pad and track ball, joystick, magnetic stripes, scanner, digital camera, and microphone Output Devices: speaker, monitor, printers: classification, laser, ink jet, dot-matrix. Plotter. |
| 01.10.2023 to 09.11.23 | Introduction to Operating System: Definition, Functions, Features of Operating System, Icon, Folder, File, Start Button, Task Bar, Status Buttons, Folders, Shortcuts, Recycle Bin, Desktop, My Computer, My Documents, Windows Explorer, Control Panel. |
| 17.11.23 to 24.11.23 | The Internet: Introduction to networks and internet, history, Internet, Working of the Internet, Modes of Connecting to Internet. Electronic Mail: Introduction, advantages and disadvantages, User Ids, Passwords, e-mail addresses, message components, message composition, mailer features. Browsers and search engines. |