**LESSON PLAN -2023-24 (Odd Sem.)**

**Class: BCA 1st Sem. (Computer & Prog. Fundamentals)**

**Name:- Dr Rajesh Dawar Sub:- BCA-101**

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| **Month** | **1st Week** | **2nd Week** | **3rd Week** | **4th Week** |
| **JUL.** | -------- | -------------- | -- | Definition of Computers, Block Diagram of Computers, Generations of Computers |
| **AUG.** | Characteristics of Computers, Classification of Computers, Limitations of Computers, Human Being Vs Computers | Applications of Computers, Concept of Memory-RAM, ROM, types of ROM, Cache Memory, Flash Memory | Secondary Storage Devices, Virtual Memory | Computer Hardware and Software, Relationship between Hardware and Software, Types of Software |
| **SEPT.** | IO Devices | Operating System-Definition, Services of OS, Functions of OS, Types of OS | Concept of Single user and Multi user OS, Concept of Virus, its types, Characteristics of virus, Antivirus software’s | Computer Languages, its generations, Concept of Compiler, Linker, Loader, Assembler, Characteristics of good programming language |
| **OCT** | Concept of Problem Solving, Problem Definition, Program Design, Debugging, Types of errors in programming, documentation | Structured programming concepts, Programming methodologies, advantages and disadvantages of structured programming | Introduction to Computer Networks, Network types, network topologies | Modes of Data transmission, Forms of Data Transmission, Transmission media |
| **NOV** | Introduction to Internet and its uses, Applications of Internet, hardware and software requirements for internet, intranet and its advantages | -- | Revision | -- |

**Teacher Signature**

**Dr. Rajesh Dawar**