

## LESSON PLAN

All Branches	Semester-1st/2nd	Name of the teaching faculty:- Dr. S Beura
Subject:- Computer Application	No. of days/per week- 04	No. of weeks :- 10 (excluding any vacation)
Week	Class day	Theory
1st	1st	<b>Chapter- 01 ( FUNDAMENTALS )</b> 1.1 Introduction to Computer 1.2 Evolution of Computers
	2nd	1.3 Generation of Computers 1.4 Classification of Computers
	3rd	1.5 Basic Organisation of Computer (Functional Block diagram)
	4th	1.6 Input Devices, CPU & Output Devices. 1.7 Computer Memory and Classification of Memory
2nd	1st	<b>Chapter- 02 ( COMPUTER SOFTWARE )</b> 1.8 Software concept, System software, Application software 1.9 Objectives and Functions of O.S
	2nd	2.1 Objectives and Functions of O.S 2.2 Types of Operating System
	3rd	2.3 Programming Languages
	4th	2.4 Computer Virus
3rd	1st	2.5 Different Types of computer virus
	2nd	2.7 Detection and prevention of Virus
	3rd	2.8 Application of computers in different Domain
	4th	<b>Chapter- 03 ( COMPUTER NETWORK AND INTERNET )</b> 3.1 Networking concept, Protocol, Connecting Media
4th	1st	3.2 Data Transmission mode
	2nd	3.3 Network Topologies
	3rd	3.4 Types of Network
	4th	3.5 Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
5th	1st	3.6 Internet Services like E-Mail, WWW, FTP, Chatting, Internet Conferencing
	2nd	3.7 Different types of Internet connectivity and ISP
	3rd	<b>Chapter- 04 ( FILE MANAGEMENT AND DATA PROCESSING)</b> 4.1. Concept of File and Folder
	4th	4.2 File Access and Storage methods.
	1st	4.3 Sequential, Direct, ISAM

6th	2nd	4.5 Data Capture, Data storage
	3rd	4.6 Data Processing and Retrieval
	4th	<b>Chapter- 05 (PROBLEM SOLVING METHODOLOGY)</b> 5.1 Algorithm, Pseudo code and Flowchart
7th	1st	5.2 Generation of Programming Languages
	2nd	5.3 Structured Programming Language
	3rd	5.4 Examples of Problem solving through Flowchart
	4th	<b>Chapter- 06 (OVERVIEW OF C PROGRAMMING LANGUAGE)</b> 6.1 Constants, Variables and Data types in C
8th	1st	6.2 Managing Input and Output operations.
	2nd	6.3 Operators, Expressions, Type conversion & Typecasting
	3rd	6.4 Decision Control and Looping Statements (If, If-else, If-else-if, Switch)
	4th	6.5 Decision Control and Looping Statements (While, Dowhile, For,Break, Continue & Goto)
9th	1st	<b>Chapter- 07 (ADVANCED FEATURES OF C)</b> 7.1 Functions and Passing Parameters to the Function (Call by Value and Call by Reference)
	2nd	7.2 Scope of Variables and Storage Classes
	3rd	7.3 Recursion Function and Types of Recursion
	4th	7.4 One Dimensional Array and Multidimensional Array
10th	1st	7.5 String Operations and Pointers
	2nd	7.6 Structure and Union (Only concepts, No Programming)
	3rd	7.8 Examples of programs
	4th	7.9 Examples programs