

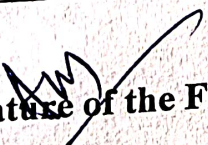
LESSON PLAN


Name of the Institute:	C. V. Raman Polytechnic
Department:	Computer Science & Engineering
Semester/Division/Branch:	2 nd semester
Subject Name with code:	Computer Application
Total No. of Class (Required):	60
Faculty Name:	ABHIPSA MAHALA

Class No.	<i>Brief description of the Topic/Chapter to be taught</i>	Remarks
1	Introduction to Computer Evolution of Computers	
2	Generation of Computers	
3	Classification of Computers	
4	Basic Organisation of Computer (Functional Block diagram)	
5	Input Devices	
6	CPU	
7	Output Devices	
8	Computer Memory	
9	Classification of Memory	
10	Software concept	
11	System software	
12	Application software Overview of Operating System Objectives	
13	Functions of O.S	
14	Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS	
15	Features of DOS, Windows and UNIX	
16	Programming Languages Compiler	
17	interpreter Computer Virus	

18	Different Types of computer virus	
19	Detection and prevention of Virus	
20	Application of computers in different Domain	
21	Networking concept	
22	Protocol	
23	Connecting Media	
24	Data Transmission mode Network Topologies	
25	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC	
26	Internet Services like E-Mail, WWW, FTP, Chatting, Internet Conferencing, Electronic Newspaper & Online Shopping	
27	Different types of Internet connectivity and ISP	
28	Concept of File and Folder	
29	File Access and Storage methods	
30	Sequential	
31	Direct	
32	ISAM Data Capture	
33	Data storage Data Processing and Retrieval	
34	Algorithm, Pseudo code	
35	Flowchart Generation of Programming Languages	
36	Structured Programming Language	
37	Examples of Problem solving through Flowchart	
38	Constants	
39	Variables	
40	Data types in C	
41	Managing Input	
42	Output operations.	
43	Operators	
44	Expressions	

45	Type conversion & Typecasting	
46	Decision Control	
47	Looping Statements (If, If-else, If-else-if, Switch, While, Do while, For, Break, Continue & Goto)	
48	Programming Assignments using the above features.	
49	Functions	
50	Passing Parameters to the Function (Call by Value and Call by Reference)	
51	Scope of Variables	
52	Storage Classes	
53	Recursion Function	
54	Types of Recursion	
55	One Dimensional Array	
56	Multidimensional Array	
57	String Operations	
58	Pointers	
59	Pointer Expression and Pointer Arithmetic Programming Assignments using the above features.	
60	Functions and Passing Parameters to the Function (Call by Value and Call by Reference)	

 Signature of the Faculty

 Signature of the H.O.D