

Badriprasad Institute Of Technology, Sambalpur

Lesson plan for Theory -1b- Computer Application

Semester & Branch : 1st and 2nd semester (common to all)

Name of the faculty : Mr. Jitesh Kumar Singh

Total Periods-64

No of periods /week-04

Week	Class date	Theory/Lab Topics
1 st week	1 st day	Introduction to computer
	2 nd day	Computer generation
	3 rd day	Classification of computers
	4 th day	Basic organization of computer
2 nd week	1 st day	Block diagram and input devices
	2 nd day	Output devices
	3 rd day	Computer memory
	4 th day	Classification of memory
3 rd week	1 st day	Introduction to computer software
	2 nd day	Types of software
	3 rd day	Overview of operating system
	4 th day	Functions of operating system
4 th week	1 st day	Types of operating system
	2 nd day	Features of DOS ,Window and UNIX
	3 rd day	Compiler and Interpreter
	4 th day	Virus Types of virus
5 th week	1 st day	Diferent types of domain
	2 nd day	Networking concept, protocol
	3 rd day	Connecting media ,data transmission mode
	4 th day	Network topology and its type
6 th week	1 st day	Types of network
	2 nd day	Networking devices hub,switch,bridge
	3 rd day	Repeater,router,gateway and NIC
	4 th day	Internet services E-mail,WWW
7 th week	1 st day	FTP,Chatting,Internet Conferencing,
	2 nd day	Electronic news paper and online shopping
	3 rd day	Types of internet connectivity and ISP
	4 th day	Concept of file and folder
8 th week	1 st day	File access and storage methods
	2 nd day	Types of storage method
	3 rd day	Data capture and data storage
	4 th day	Data processing and retrieval
9 th week	1 st day	Algorithm

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	2 nd day	Pseudocode
	3 rd day	Flowchart generation
	4 th day	Structured programming language
10th week	1 st day	Problem solving through flowchart
	2 nd day	Introduction to C programme
	3 rd day	Data types in C programme
	4 th day	Input and output operations
11th week	1 st day	Operators in c programme
	2 nd day	Expression in C programme
	3 rd day	Type conversion and typecasting
	4 th day	Control statement in C
12th week	1 st day	Looping statement in C
	2 nd day	Uses of break ,continue and goto
	3 rd day	Introduction to Function
	4 th day	Typs of function
13th week	1 st day	Call by value call by Reference
	2 nd day	Scope of variables and Storge classes
	3 rd day	Recursion function
	4 th day	Types of recursion
14th week	1 st day	Introduction to array
	2 nd day	One dimensional array
	3 rd day	Multidimensional array
	4 th day	Pointer
15th week	1 st day	String operations in pointer
	2 nd day	Pointer Expression
	3 rd day	Pointer Arithmetic
	4 th day	Concept of Structure and Union
16th week	1 st day	Revision
	2 nd day	Continue.....
	3 rd day	Continue.....
	4 th day	Question and answer Discussion

Signature of Faculty

Signature of HOD