

Discipline: I.T Sem: 3rd		Name of the Teaching faculty: Mrs. Manik Manjari Khatua
Subject : Programming in ' C '		No. of periods/Week: 03 No of weeks :15 Total no of periods:45
Week	Class Day	Topics to be covered
1 st	1 st	Types of Programming Languages
	2 nd	Introduction to C
	3 rd	The 'C' Character Set Identifiers and Keywords
2 nd	1 st	Data Types Constants Variables
	2 nd	Arrays Declarations Expressions Statements
	3 rd	Symbolic Constants
3 rd	1 st	Arithmetic Operators Unary operators
	2 nd	Relational and Logical Operators
	3 rd	Assignment Operators , The Conditional Operator
4 th	1 st	Library Functions , Preliminaries
	2 nd	Single Character Input-The getchar Function Single Character Output
	3 rd	The scanf function, Writing Output Data
5 th	1 st	The printf function , gets and puts Function
	2 nd	Planning a C Program Writing a C Program
	3 rd	Entering the Program into the Computer
6 th	1 st	Compiling and Executing the Program
	2 nd	Error Diagnostics , Debugging Techniques
	3 rd	Preliminaries Branching: The if statement
7 th	1 st	if-else statement, elseif ladder
	2 nd	Looping: while, do-while
	3 rd	for statements Nested Control Structures
8 th	1 st	The switch statement
	2 nd	The break statement
	3 rd	The continue statement
9 th	1 st	The Comma operator ,The goto statement
	2 nd	Concepts of a Function
	3 rd	Accessing a Function

10 th	1 st	Function Prototypes
	2 nd	Passing parameters in Functions
	3 rd	Passing parameters in Functions
11 th	1 st	Defining an Array
	2 nd	Processing an Array
	3 rd	Multidimensional Arrays
12 th	1 st	Arrays and Strings & its Library functions
	2 nd	Arrays and Strings & its Library functions
	3 rd	Fundamentals of Pointers
13 th	1 st	Pointer Declaration , Operation on pointers
	2 nd	Passing pointer to a function
	3 rd	Pointers and one-dimensional array
14 th	1 st	Pointers and two -dimensional array
	2 nd	Defining a Structure
	3 rd	Processing a Structure
15 th	1 st	Structure and Pointers
	2 nd	Arrays of Structure
	3 rd	Unions

Signature of Faculty

Signature of H.O.D