

Lesson Plan

Subject- Programming Fundamentals and C

Lesson Plan- 16 Weeks (Nov 20 – Feb 21)

Week	Date	BVOC(SD) (Ist Sem) BVSD-14
1	2- Nov – 2020	Algorithm , Characteristics of Good Algorithm
	3- Nov – 2020	Flowchart, Types of Flowcharts
	4- Nov – 2020	Rules for drawing Flowcharts
	5- Nov – 2020	-
	6- Nov – 2020	-
	7- Nov - 2020	-
	2	8- Nov - 2020
9- Nov - 2020		Pseudo Codes
10- Nov - 2020		Decision Tables
11- Nov - 2020		Documentation, Debugging
12- Nov - 2020		-
13- Nov - 2020		-
14- Nov - 2020		Holiday
3	15- Nov - 2020	Sunday
	16- Nov - 2020	Holiday
	17- Nov - 2020	Computer Languages, Analogy with Natural Languages
	18- Nov - 2020	History of Programming Languages, Machine Language, Assembly Language, High Level Language
	19- Nov - 2020	-
	20- Nov - 2020	-
	21- Nov - 2020	-
4	22- Nov - 2020	Sunday
	23- Nov - 2020	Assignment 1
	24- Nov - 2020	Holiday
	25- Nov - 2020	Translator, Compiler and Interpreter
	26- Nov - 2020	-
	27- Nov - 2020	-
	28- Nov - 2020	-
5	29- Nov - 2020	Sunday
	30- Nov - 2020	Holiday
	1- Dec - 2020	Overview of C: History & Importance of C
	2- Dec - 2020	Structure of a C Program
	3- Dec - 2020	-
	4- Dec - 2020	-
6	5- Dec - 2020	-
	6- Dec - 2020	Sunday
	7- Dec - 2020	Elements of C: C Character Set, Identifiers and Keywords
	8- Dec - 2020	Data Types, Constants and Variables
	9- Dec - 2020	Operators and Types of Operators
	10- Dec - 2020	-
	11- Dec - 2020	-

	12- Dec - 2020	-
7	13- Dec - 2020	Sunday
	14- Dec - 2020	Evaluation of Arithmetic Expression, Type Casting and Conversion, Operator Hierarchy & Associativity
	15- Dec - 2020	Decision Making & Branching: Decision Making with IF Statement, IF-ELSE Statement,
	16- Dec - 2020	Nested IF Statement
	17- Dec - 2020	-
	18- Dec - 2020	-
	19- Dec - 2020	-
8	20- Dec - 2020	Sunday
	21- Dec - 2020	ELSE-IF Ladder
	22- Dec - 2020	Switch Statement, go to Statement
	23- Dec - 2020	Sessional
	24- Dec - 2020	-
	25- Dec - 2020	-
	26- Dec - 2020	-
	27- Dec - 2020	Sunday
9	28- Dec - 2020	For loop, while loop, do-while loop
	29- Dec - 2020	break Statement
	30- Dec - 2020	continue Statement
	31- Dec - 2020	-
	1- Jan - 2021	-
	2- Jan - 2021	-
10	3- Jan - 2021	Sunday
	4- Jan - 2021	Assignment 2
	5- Jan - 2021	Functions: Passing Parameters
	6- Jan - 2021	Recursion
	7- Jan - 2021	-
	8- Jan - 2021	-
	9- Jan - 2021	-
11	10- Jan - 2021	Sunday
	11- Jan - 2021	Holiday
	12- Jan - 2021	Arrays: Definition, Initialization,
	13- Jan - 2021	Processing an Array.
	14- Jan - 2021	-
	15- Jan - 2021	-
	16- Jan - 2021	-
12	17- Jan - 2021	Sunday
	18- Jan - 2021	Multidimensional Array
	19- Jan - 2021	Storage Classes in C: Auto, Extern, Register and Static Storage Class, Their Scope, Storage & Lifetime
	20- Jan - 2021	Holiday
	21- Jan - 2021	-
	22- Jan - 2021	-
	23- Jan - 2021	-
13	24- Jan - 2021	Sunday
	25- Jan - 2021	Pointers: Introduction, Pointer Variables,
	26- Jan - 2021	Holiday

	27- Jan - 2021	Pointer Operators, Pointer Assignment, Pointer Conversion
	28- Jan - 2021	-
	29- Jan - 2021	-
	30- Jan - 2021	-
14	31- Jan - 2021	Sunday
	1- Feb - 2021	Pointer Arithmetic, Pointer Comparison
	2- Feb - 2021	Pointers and Arrays
	3- Feb - 2021	Pointers and Functions
	4- Feb - 2021	-
	5- Feb - 2021	-
	6- Feb - 2021	-
15	7- Feb - 2021	Sunday
	8- Feb - 2021	Structures in C
	9- Feb - 2021	Structures and Functions
	10- Feb - 2021	Union and Structure
	11- Feb - 2021	-
	12- Feb - 2021	-
	13- Feb - 2021	-
	14- Feb - 2021	Sunday
16	15- Feb - 2021	Discussion over Previous Year papers
	16- Feb - 2021	Discussion over Previous Year papers
	17- Feb - 2021	Revision
	18- Feb - 2021	-
	19- Feb - 2021	-
	20- Feb - 2021	-