

## Lesson Plan

**Subject-** Programming Fundamentals and C  
**Lesson Plan-** 17 Weeks (July – Nov 2019)

Week	Date	BVOC(SD) (Ist Sem) BVSD-14
1	16- July-2019	Algorithm , Characteristics of Good Algorithm
	17- July-2019	Flowchart, Types of Flowcharts
	18- July-2019	-
	19- July-2019	-
	20- July-2019	-
	21- July-2019	Sunday
2	22- July-2019	Rules for drawing Flowcharts
	23- July-2019	Pseudo Codes
	24- July-2019	Decision Tables
	25- July-2019	-
	26- July-2019	-
	27- July-2019	-
	28- July-2019	Sunday
3	29- July-2019	Documentation, Debugging
	30- July-2019	Computer Languages, Analogy with Natural Languages
	31- July-2019	Holiday
	1- Aug- 2019	-
	2- Aug- 2019	-
	3- Aug- 2019	-
	4- Aug- 2019	Sunday
4	5- Aug- 2019	History of Programming Languages, Machine Language, Assembly Language, High Level Language
	6- Aug- 2019	Translator, Compiler and Interpreter
	7- Aug- 2019	Overview of C: History & Importance of C
	8- Aug- 2019	-
	9- Aug- 2019	-
	10- Aug- 2019	-
	11- Aug- 2019	Sunday
5	12- Aug- 2019	Holiday
	13- Aug- 2019	Structure of a C Program
	14- Aug- 2019	Elements of C: C Character Set, Identifiers and Keywords
	15- Aug- 2019	Holiday
	16- Aug- 2019	-
	17- Aug- 2019	-
	18- Aug- 2019	Sunday
6	19- Aug- 2019	Data Types, Constants and Variables
	20- Aug- 2019	Operators and Types of Operators
	21- Aug- 2019	Evaluation of Arithmetic Expression, Type Casting and Conversion, Operator Hierarchy & Associativity
	22- Aug- 2019	<b>Assignment -1</b>
	23- Aug- 2019	-

	24- Aug- 2019	-	
	25- Aug- 2019	Sunday	
7	26- Aug- 2019	Decision Making & Branching: Decision Making with IF Statement, IF-ELSE Statement,	
	27- Aug- 2019	Nested IF Statement	
	28- Aug- 2019	ELSE-IF Ladder	
	29- Aug- 2019	-	
	30- Aug- 2019	-	
	31- Aug- 2019	-	
		1- Sept- 2019	Sunday
8	2- Sept- 2019	Switch Statement, go to Statement	
	3- Sept- 2019	For loop, while loop, do-while loop	
	4- Sept- 2019	<b>Sessional</b>	
	5- Sept- 2019	-	
	6- Sept- 2019	-	
	7- Sept- 2019	-	
		8- Sept- 2019	Sunday
9	9- Sept- 2019	break Statement	
	10- Sept- 2019	continue Statement	
	11- Sept- 2019	Functions: Passing Parameters	
	12- Sept- 2019	<b>Assignment 2</b>	
	13- Sept- 2019	-	
	14- Sept- 2019	-	
		15- Sept- 2019	Sunday
10	16- Sept- 2019	Recursion	
	17- Sept- 2019	Arrays: Definition, Initialization,	
	18- Sept- 2019	Processing an Array.	
	19- Sept- 2019	-	
	20- Sept- 2019	-	
	21- Sept- 2019	-	
		22- Sept- 2019	Sunday
11		23- Sept- 2019	Holiday
		24- Sept- 2019	Multidimensional Array
		25- Sept - 2019	Storage Classes in C: Auto, Extern, Register and Static Storage Class, Their Scope, Storage & Lifetime
		26- Sept - 2019	-
		27- Sept - 2019	-
		28- Sept - 2019	-
		29- Sept - 2019	Sunday
12		30- Sept - 2019	Pointers: Introduction, Pointer Variables,
		1- Oct- 2019	Pointer Operators, Pointer Assignment, Pointer Conversion
		2- Oct- 2019	Holiday
		3- Oct- 2019	-
		4- Oct- 2019	-
		5- Oct- 2019	-
		6- Oct- 2019	Sunday
	7- Oct- 2019	Pointer Arithmetic, Pointer Comparison	
	8- Oct- 2019	Holiday	
	9- Oct- 2019	Pointers and Arrays	

13	10- Oct- 2019	Holiday
	11- Oct- 2019	-
	12- Oct- 2019	-
	13- Oct- 2019	Sunday
14	14- Oct- 2019	Pointers and Functions
	15- Oct- 2019	Structures in C
	16- Oct- 2019	Structures and Functions
	17- Oct- 2019	Holiday
	18- Oct- 2019	-
	19- Oct- 2019	-
	20- Oct- 2019	Sunday
15	21- Oct- 2019	
	22- Oct- 2019	Revision
	23- Oct- 2019	Union and Structure
	24- Oct- 2019	-
	25- Oct- 2019	Diwali Break
	26- Oct- 2019	
	27- Oct- 2019	
	28- Oct- 2019	
16	29- Oct- 2019	
	30- Oct- 2019	-
	31- Oct- 2019	-
	1- Nov- 2019	Holiday
	2- Nov- 2019	Holiday
	3- Nov- 2019	Sunday
	4- Nov- 2019	Revision
17	5- Nov- 2019	Discussion over Previous Year papers
	6- Nov- 2019	Discussion over Previous Year papers
	7- Nov- 2019	-
	8- Nov- 2019	-
	9- Nov- 2019	-
	10- Nov- 2019	Sunday