

## Lesson Plan

**Subject-** Object Oriented Programming with C++

**Lesson Plan-** 17 Weeks (July – Nov 2019)

Week	Date	BVoc(SD) (IIIrd Sem) BVSD-34
1	16- July-2019	-
	17- July-2019	-
	18- July-2019	Introduction to Programming C++
	19- July-2019	Discussion over Object-oriented Features of C++
	20- July-2019	Class and Objects concepts with examples
	21- July-2019	Sunday
2	22- July-2019	-
	23- July-2019	-
	24- July-2019	-
	25- July-2019	Concept of Data Hiding & Encapsulation
	26- July-2019	Familiarization with Data Members and Member Functions
	27- July-2019	Inline Functions discussion
	28- July-2019	Sunday
3	29- July-2019	-
	30- July-2019	-
	31- July-2019	Holiday
	1- Aug- 2019	Static Data Members and Member Functions
	2- Aug- 2019	Discussion over Concept of Friend Functions
	3- Aug- 2019	Preprocessor Directives
	4- Aug- 2019	Sunday
4	5- Aug- 2019	Assignment-1
	6- Aug- 2019	-
	7- Aug- 2019	-
	8- Aug- 2019	Namespace concept in C++
	9- Aug- 2019	Revision of Unit-1
	10- Aug- 2019	Introduction to Constructors & Destructors
	11- Aug- 2019	Sunday
5	12- Aug- 2019	Holiday
	13- Aug- 2019	-
	14- Aug- 2019	-
	15- Aug- 2019	Holiday
	16- Aug- 2019	Roles and Types of Constructors
	17- Aug- 2019	Roles of Destructors
	18- Aug- 2019	Sunday
6	19- Aug- 2019	-
	20- Aug- 2019	-
	21- Aug- 2019	-
	22- Aug- 2019	Introduction to Dynamic Memory Allocation
	23- Aug- 2019	Pointers and their Manipulation
	24- Aug- 2019	new and delete Operators

	25- Aug- 2019	Sunday
7	26- Aug- 2019	-
	27- Aug- 2019	-
	28- Aug- 2019	-
	29- Aug- 2019	Concept of 'this' Pointer
	30- Aug- 2019	Introduction to Console I/O
	31- Aug- 2019	Discussion over formatted and Unformatted I/O
	1- Sept- 2019	Sunday
	8	2- Sept- 2019
3- Sept- 2019		-
4- Sept- 2019		-
5- Sept- 2019		Concept of Manipulators
6- Sept- 2019		Revision of UNIT -2
7- Sept- 2019		<b>Sessional</b>
8- Sept- 2019		Sunday
9		9- Sept- 2019
	10- Sept- 2019	-
	11- Sept- 2019	-
	12- Sept- 2019	Introduction to Compile-Time Polymorphism
	13- Sept- 2019	Unary Operators Overloading Through Member Functions
	14- Sept- 2019	<b>Assignment 2</b>
	15- Sept- 2019	Sunday
	10	16- Sept- 2019
17- Sept- 2019		-
18- Sept- 2019		-
19- Sept- 2019		Discussion over Binary Operators Overloading Through Member Functions
20- Sept- 2019		Discussion over Unary Operators Overloading Through Friend Functions
21- Sept- 2019		Class test
22- Sept- 2019		Sunday
11		23- Sept- 2019
	24- Sept- 2019	-
	25- Sept - 2019	-
	26- Sept - 2019	Function Overloading Concept
	27- Sept - 2019	Introduction to Inheritance: Types of Derivations
	28- Sept - 2019	<b>Sessional</b>
	29- Sept - 2019	Sunday
	12	30- Sept - 2019
1- Oct- 2019		-
2- Oct- 2019		Holiday
3- Oct- 2019		Discussion over Forms of Inheritance
4- Oct- 2019		Discussion over Roles of Constructors and Destructors in
5- Oct- 2019		Revision of Unit 3
6- Oct- 2019		Sunday
		7- Oct- 2019
	8- Oct- 2019	Holiday
	9- Oct- 2019	-
	10- Oct- 2019	Holiday
	13	11- Oct- 2019

	12- Oct- 2019	Discussion over Template Function
	13- Oct- 2019	Sunday
14	14- Oct- 2019	-
	15- Oct- 2019	-
	16- Oct- 2019	-
	17- Oct- 2019	Holiday
	18- Oct- 2019	Discussion over Template Class, Inheritance and Templates
	19- Oct- 2019	Introduction to Exception Handling
	20- Oct- 2019	Sunday
	15	21- Oct- 2019
22- Oct- 2019		-
23- Oct- 2019		-
24- Oct- 2019		Discussion over Try, throw and catch constructs
25- Oct- 2019		Diwali Break
26- Oct- 2019		
27- Oct- 2019		
28- Oct- 2019		
16	29- Oct- 2019	
	30- Oct- 2019	Rethrowing an Exception, catch all Handlers.
	31- Oct- 2019	Revision Test
	1- Nov- 2019	Holiday
	2- Nov- 2019	Holiday
	3- Nov- 2019	Sunday
	4- Nov- 2019	-
17	5- Nov- 2019	-
	6- Nov- 2019	-
	7- Nov- 2019	Discussion over Previous Year papers
	8- Nov- 2019	Discussion over Previous Year papers
	9- Nov- 2019	Revision
	10- Nov- 2019	Sunday