

Lesson Plan

Subject- Object Oriented Programming with C++

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

Week	Date	BVoc(SD) (IIIrd Sem) BVSD-34
1	2- Nov – 2020	-
	3- Nov – 2020	-
	4- Nov – 2020	-
	5- Nov – 2020	Introduction to Programming C++
	6- Nov – 2020	Discussion over Object-oriented Features of C++
	7- Nov - 2020	Class and Objects concepts with examples
2	8- Nov - 2020	Sunday
	9- Nov - 2020	-
	10- Nov - 2020	-
	11- Nov - 2020	-
	12- Nov - 2020	Concept of Data Hiding & Encapsulation
	13- Nov - 2020	Familiarization with Data Members and Member Functions
	14- Nov - 2020	Holiday
3	15- Nov - 2020	Sunday
	16- Nov - 2020	Holiday
	17- Nov - 2020	-
	18- Nov - 2020	-
	19- Nov - 2020	Inline Functions discussion
	20- Nov - 2020	Static Data Members and Member Functions
21- Nov - 2020	Discussion over Concept of Friend Functions	
4	22- Nov - 2020	Sunday
	23- Nov - 2020	Assignment 1
	24- Nov - 2020	Holiday
	25- Nov - 2020	-
	26- Nov - 2020	Preprocessor Directives
	27- Nov - 2020	Namespace concept in C++
	28- Nov - 2020	Revision of Unit-1
5	29- Nov - 2020	Sunday
	30- Nov - 2020	Holiday
	1- Dec - 2020	-
	2- Dec - 2020	-
	3- Dec - 2020	Introduction to Constructors & Destructors
	4- Dec - 2020	Roles and Types of Constructors
	5- Dec - 2020	Roles of Destructors
6	6- Dec - 2020	Sunday
	7- Dec - 2020	-
	8- Dec - 2020	-
	9- Dec - 2020	-
	10- Dec - 2020	Introduction to Dynamic Memory Allocation
	11- Dec - 2020	Pointers and their Manipulation
12- Dec - 2020	new and delete Operators	

7	13- Dec - 2020	Sunday
	14- Dec - 2020	-
	15- Dec - 2020	-
	16- Dec - 2020	-
	17- Dec - 2020	Concept of 'this' Pointer
	18- Dec - 2020	Introduction to Console I/O
	19- Dec - 2020	Discussion over formatted and Unformatted I/O
8	20- Dec - 2020	Sunday
	21- Dec - 2020	-
	22- Dec - 2020	-
	23- Dec - 2020	-
	24- Dec - 2020	Concept of Manipulators
	25- Dec - 2020	Revision of UNIT -2
	26- Dec - 2020	Sessional
9	27- Dec - 2020	Sunday
	28- Dec - 2020	-
	29- Dec - 2020	-
	30- Dec - 2020	-
	31- Dec - 2020	Introduction to Compile-Time Polymorphism
	1- Jan - 2021	Unary Operators Overloading Through Member Functions
10	2- Jan - 2021	Assignment 2
	3- Jan - 2021	Sunday
	4- Jan - 2021	-
	5- Jan - 2021	-
	6- Jan - 2021	-
	7- Jan - 2021	Discussion over Binary Operators Overloading Through Member Functions
	8- Jan - 2021	Discussion over Unary Operators Overloading Through Friend Functions
11	9- Jan - 2021	Class test
	10- Jan - 2021	Sunday
	11- Jan - 2021	Holiday
	12- Jan - 2021	-
	13- Jan - 2021	-
	14- Jan - 2021	Function Overloading Concept
	15- Jan - 2021	Introduction to Inheritance: Types of Derivations
16- Jan - 2021	Sessional	
12	17- Jan - 2021	Sunday
	18- Jan - 2021	-
	19- Jan - 2021	-
	20- Jan - 2021	Holiday
	21- Jan - 2021	Discussion over Forms of Inheritance
	22- Jan - 2021	Discussion over Roles of Constructors and Destructors in
	23- Jan - 2021	Revision of Unit 3
13	24- Jan - 2021	Sunday
	25- Jan - 2021	-
	26- Jan - 2021	Holiday
	27- Jan - 2021	-
	28- Jan - 2021	Introduction to Genericity in C++
29- Jan - 2021	Discussion over Template Function	

	30- Jan - 2021	Discussion over Template Class, Inheritance and Templates
14	31- Jan - 2021	Sunday
	1- Feb - 2021	-
	2- Feb - 2021	-
	3- Feb - 2021	-
	4- Feb - 2021	Introduction to Exception Handling
	5- Feb - 2021	Discussion over Try, throw and catch constructs
	6- Feb - 2021	Rethrowing an Exception, catch all Handlers.
15	7- Feb - 2021	Sunday
	8- Feb - 2021	-
	9- Feb - 2021	-
	10- Feb - 2021	-
	11- Feb - 2021	Revision
	12- Feb - 2021	Revision
	13- Feb - 2021	Revision
	14- Feb - 2021	Sunday
16	15- Feb - 2021	-
	16- Feb - 2021	-
	17- Feb - 2021	-
	18- Feb - 2021	Discussion over Previous Year papers
	19- Feb - 2021	Discussion over Previous Year papers
	20- Feb - 2021	Revision