

Lesson Plan(2019-2020)

Department – Computer Science

Subject- Advanced PROGRAMMING USING C++

Lesson Plan- 17 Weeks

Week	Date	BCA(II ndSem) BCA-242
1	01.01.2020	
	02.01.2020	Guru Gobind Singh Jayanti holiday
	03.01.2020	Polymorphism
	04.01.2020	Dynamic Polymorphism
	05.01.2020	SUNDAY
2	06.01.2020	
	07.01.2020	
	08.01.2020	
	09.01.2020	Dynamic Polymorphism
	10.01.2020	Function Overriding
	11.01.2020	Example
	12.01.2020	SUNDAY
3	13.01.2020	
	14.01.2020	
	15.01.2020	
	16.01.2020	Virtual Function and its Need
	17.01.2020	Virtual Function and its Need
	18.01.2020	Revision
	19.01.2020	SUNDAY
4	20.01.2020	
	21.01.2020	
	22.01.2020	
	23.01.2020	Pure Virtual Function
	24.01.2020	Pure Virtual Function
	25.01.2020	Class test
	26.01.2020	SUNDAY
5	27.01.2020	
	28.01.2020	
	29.01.2020	
	30.01.2020	Basant Panchmi
	31.01.2020	Abstract Class, Virtual Derivation, Virtual Destructor
	01.02.2020	Abstract Class, Virtual Derivation, Virtual Destructor
	02.02.2020	SUNDAY
6	03.02.2020	
	04.02.2020	
	05.02.2020	
	06.02.2020	Type Conversion: Basic Type Conversion,
	07.02.2020	Conversion between objects and basic types
	08.02.2020	Conversion between objects and basic types

	09.02.2020	SUNDAY
7	10.02.2020	
	11.02.2020	
	12.02.2020	
	13.02.2020	Conversion between objects of different classes
	14.02.2020	Inheritance: Rules of Derivations
	15.02.2020	Private, Protected and Public Derivations.
	16.02.2020	SUNDAY
8	17.02.2020	
	18.02.2020	
	19.02.2020	
	20.02.2020	revision
	21.02.2020	Maha Shivratri
	22.02.2020	Different Forms of Inheritance – Single, Multiple
	23.02.2020	SUNDAY
9	24.02.2020	
	25.02.2020	
	26.02.2020	
	27.02.2020	Revision
	28.02.2020	Multilevel, Hierarchical and Multipath Inheritance
	29.02.2020	Multilevel, Hierarchical and Multipath Inheritance
	01.03.2020	SUNDAY
10	02.03.2020	
	03.03.2020	
	04.03.2020	
	05.03.2020	Roles of Constructors and Destructors in Inheritance
	06.03.2020	Sessional
	07.03.2020	Genericity in C++: Templates in C++,
	08.03.2020	SUNDAY
11	09.03.2020	HOLI VACATIONS
	10.03.2020	
	11.03.2020	
	12.03.2020	
	13.03.2020	
	14.03.2020	
	15.03.2020	SUNDAY
12	16.03.2020	

	17.03.2020	
	18.03.2020	
	19.03.2020	Function templates
	20.03.2020	Revision
	21.03.2020	Class templates in C++
	22.03.2020	SUNDAY
	23.03.2020	Shaheedi diwas of Bhagat Singh
13	24.03.2020	
	25.03.2020	
	26.03.2020	Exception Handling in C++: try, throw and catch
	27.03.2020	Files I/O in C++: Class Hierarchy for Files I/O
	28.03.2020	Text versus Binary Files
14	29.03.2020	SUNDAY
	30.03.2020	
	31.03.2020	
	01.04.2020	
	02.04.2020	doubts
	03.04.2020	Opening and Closing Files
	04.04.2020	File Pointers, Operation on files.
	05.04.2020	SUNDAY
15	06.04.2020	MAHAVIR JAYANTI
	07.04.2020	
	08.04.2020	
	09.04.2020	File Pointers, Operation on files.
	10.04.2020	Revision of unit-1
	11.04.2020	doubts
	12.04.2020	SUNDAY
16	13.04.2020	
	14.04.2020	Dr.BR.Amedkar Jayanti
	15.04.2020	
	16.04.2020	Assignment-2
	17.04.2020	Revision of unit-2

	18.04.2020	Revision of unit-3
	19.04.2020	SUNDAY
17	20.04.2020	
	21.04.2020	
	22.04.2020	
	23.04.2020	Discussion of previous year question paper
	24.04.2020	Discussion of previous year question paper
	25.04.2020	Parshuram Jayanti
	26.04.2020	SUNDAY
	27.04.2020	
	28.04.2020	
	29.04.2020	
	30.04.2020	Doubts session