



Aggarwal College Ballabgarh

LESSON PLAN
18 WEEKS (JULY-NOV)-2024

Name of Faculty: Ms. Rakhi
Designation/ Department: Assistant Professor/Computer science

CLASS: BSc (CS)	SEMESTER: III	SECTION:A
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SUBJECT: Object-Oriented Design and C++

WEEK	DATE	TOPIC TO BE COVERED
1	1-08-2024	Class, Object, Methods,
	2-08-2024	
	3-08-2024	
	4-08-2024	S. U. N. D. A. Y.
	5-08-2024	
	6-08-2024	Inheritance , Polymorphism , generosity, overriding,
	7-08-2024	H.O.L.I. D. A. Y.
2	8-08-2024	Abstract class and methods, Generalization, Aggregation, Association
	9-08-2024	
	10-08-2024	
	11-08-2024	S. U. N. D. A. Y.
	12-08-2024	
	13-08-2024	Object modeling technique: Introduction to oobject model
	14-08-2024	Dynamic model, functional model, Assignment-1
3	15-08-2024	H.O.L.I. D. A. Y.
	16-08-2024	

	17-08-2024	
	18-08-2024	S. U. N. D. A. Y.
	19-08-2024	H.O.L.I. D. A. Y.
	20-08-2024	Presentation
	21-08-2024	Introduction to C++ Programming and its features, Data types
4	22-08-2024	Variables , operator , flow controls, recursion
	23-08-2024	
	24-08-2024	
	25-08-2024	S. U. N. D. A. Y.
	26-08-2024	HOLIDAY
	27-08-2024	Array, Pointers and their manipulation, Strings
	28-08-2024	Structure, class and object, Data hiding and encapsulation
5	29-08-2024	Test , Revision
	30-08-2024	
	31-08-2024	
	1-09-2024	S. U. N. D. A. Y.
	2-09-2024	
	3-09-2024	Data members and member function, Inline fuction
	4-09-2024	Static data member and function, friend function
6	5-09-2024	Preprocessor, Directives, Namespace, Compare C with C++
	6-09-2024	
	7-09-2024	
	8-09-2024	S. U. N. D. A. Y.

	9-09-2024	
	10-09-2024	Presentations, Introduction to constructor
	11-09-2024	Roles and types of constructor overloading
7	12-09-2024	Introduction to destructor and its roles, Dynamic memory allocation
	13-09-2024	
	14-09-2024	
	15-09-2024	S. U. N. D. A. Y.
	16-09-2024	
	17-09-2024	Test, Revision
	18-09-2024	Pointers and their manipulation
8	19-09-2024	Console I/O: Formatted and unformatted I/O
	20-09-2024	
	21-09-2024	
	22-09-2024	S. U. N. D. A. Y.
	23-09-2024	H.O.L.I. D. A. Y.
	24-09-2024	Console I/O: Unformatted I/O, Manipulators
	25-09-2024	Compile time Polymorphism
9	26-09-2024	Test unit 1
	27-09-2024	
	28-09-2024	
	29-09-2024	S. U. N. D. A. Y.
	30-09-2024	
	1-10-2024	Unary and binary operator overloading through member functions

	2-10-2024	HOLIDAY
10	3-10-2024	Friend function, function overloading
	4-10-2024	HOLIDAY
	5-10-2024	
	6-10-2024	S. U. N. D. A. Y.
	7-10-2024	
	8-10-2024	Virtual function, abstract class, virtual class
	9-10-2024	Assignement-2, Test unit 2
11	10-10-2024	Introduction to Inheritance
	11-10-2024	
	12-10-2024	HOLIDAY
	13-10-2024	S. U. N. D. A. Y.
	14-10-2024	
	15-10-2024	Inheritance , types of derivations
	16-10-2024	Forms of inheritance
12	17-10-2024	HOLIDAY
	18-10-2024	
	19-10-2024	
	20-10-2024	S. U. N. D. A. Y.
	21-10-2024	
	22-10-2024	Introduction to constructor and destructor
	23-10-2024	Role of constructor and destructor in inheritance
13	24-10-2024	Revision of Unit 3
	25-10-2024	

	26-10-2024	
	27-10-2024	S. U. N. D. A. Y.
	28-10-2024	DIWALI BREAK
	29-10-2024	DIWALI BREAK
	30-10-2024	DIWALI BREAK
14	31-10-2024	DIWALI BREAK
	1-11-2024	DIWALI BREAK
	2-11-2024	DIWALI BREAK
	3-11-2024	S. U. N. D. A. Y.
	4-11-2024	
	5-11-2024	Test of Unit 3
	6-11-2024	Revision of Unit 4
15	7-11-2024	Revision of Unit 4
	8-11-2024	
	9-11-2024	
	10-11-2024	ZONAL YOUTH FESTIVAL
	11-11-2024	ZONAL YOUTH FESTIVAL
	12-11-2024	ZONAL YOUTH FESTIVAL
	13-11-2024	Test of Unit 4
16	14-11-2024	
	15-11-2024	H.O.L.I.D.A.Y.
	16-11-2024	
	17-11-2024	S. U. N. D. A. Y.
	18-11-2024	

	19-11-2024	Discussion of Previous year Papers
	20-11-2024	Test of Complete syllabus
17	21-11-2024	Revision
	22-11-2024	
	23-11-2024	
	24-11-2024	S. U. N. D. A. Y.
	25-11-2024	
	26-11-2024	Revision
	27-11-2024	Revision
18	28-11-2024	Revision
	29-11-2024	
	30-11-2024	
	1-12-2024	S. U. N. D. A. Y.
	2-12-2024	
	3-12-2024	Test
	4-12-2024	Test
	5-12-2024	Test

Signature

