

BHUBANANDA ODISHA SCHOOL OF ENGINEERING, CUTTACK
DEPARTMENT OF INFORMATION TECHNOLOGY

LESSON PLAN:			
Discipline: IT	Semester: 3 rd	No. Of period available	Name of the Teaching Faculty: Biswabandita Mohanty
Subject: OOM	No. Of days/per week class allotted: 04 periods per week (Mon, Tue, Thurs, Fri)		From Date 15--09-2022 To Date: 22-12-202
WEEK	CLASS DAY		Topics to be covered
1st	15.09.2022	1	OBJECT ORIENTED PROGRAMMING (OOPS) CONCEPTS
	16.09.2022	1	1.1 Programming Languages 1.2 Object Oriented programming 1.3 OOPS concepts and terminology
2nd	19.09.2022	1	1.4 Benefit of OOPS 1.5 Application of oops
	20.09.2022	1	INTRODUCTION TO JAVA 2.1 What is java? 2.2 Execution Model of java 2.3 The Java Virtual Machine
	22.09.2022	1	2.4 A First Java Program
	23.09.2022	1	2.5 Variables and Data types 2.6 Primitive Data types & Declaration
3rd	26.09.2022	1	2.7 Numeric and character literals 2.8 String Literals
	27.09.2022	1	2.9 Arrays, Non-Primitive Data type 2.10 Casting and Type Casting
	29.09.2022	1	2.11 Widening and Narrowing Conversions 2.12 Operators and Expressions
	30.09.2022	1	2.13 Control Flow Statements
4th	03-10-2022 TO 08-10-2022	1	PUJA HOLIDAY
5th	10.10.2022	1	2.13 Control Flow Statements
	11.10.2022	1	ASSIGNMENT-1 OBJECTS AND CLASSES 3.1 Concept and Syntax of class 3.2 Defining a Class
	13.10.2022	1	3.3 Concept and Syntax of Methods 3.4 Defining Methods
	14.10.2022	1	3.5 Creating an Object 3.6 Accessing Class Members
6th	17.10.2022	1	Revision
	18.10.2022	1	3.7 Instance Data and Class Data
	20.10.2022	1	3.8 Constructors

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	21.10. 2022	1	3.8 Constructors
7th	25.10. 2022	1	3.9 Access specifies 3.10 Access Modifiers 3.11 Access Control
	27.10. 2022	1	Revision & DOUBT CLEARING CLASS
	28.10. 2022	1	Class Test-1
	31.10. 2022	1	USING JAVA OBJECTS 4.1 String Builder and String Buffer
8th	01.11. 2022	1	4.2 Methods and messages
	03.11. 2022	1	4.3 Parameter Passing
	04.11. 2022	1	4.4 Comparing and identifying objects
	07.11. 2022	1	ASSIGNMENT 2 AND DOUBT CLEARING CLASS
9th	10.11. 2022	1	Introduction of Inheritance 5.1 Inheritance in Java 5.2 Use of Inheritance
	11.11. 2022	1	5.3 Types of Inheritance
	14.11. 2022	1	Internal Test
10th	15.11. 2022	1	Internal Test
	17.11. 2022	1	5.4 <i>Single Inheritance</i> 5.5 <i>Multi-level Inheritance</i>
	18.11. 2022	1	5.6 Hierarchical inheritance 5.7 Hybrid Inheritance
	21.11. 2022	1	POLYMORPHISM 6.1 Types of Polymorphism
11th	22.11. 2022	1	6.2 Method Overloading
	24.11. 2022	1	6.3 Run time Polymorphism
	25.11. 2022	1	6.4 Method Overriding
	28.11. 2022	1	6.4 Method Overriding
	29.11. 2022	1	Revision & doubt clearing class
12th	01.12. 2022	1	Class test2
	02.12. 2022	1	PACKAGES: PUTTING CLASSES TOGETHER 7.1 Introduction 7.2 Java API Packages 7.3 Using System Packages

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13th	05.12. 2022	1	7.4 Naming Convention 7.5 Creating Packages 7.6 Accessing a Package Assignment-3
	06.12. 2022	1	7.7 Using a Package 7.8 Adding a Class to Package 7.9 Hiding Classes
	08.12. 2022	1	7.10 Static Import Revision
	09.12. 2022	1	JAVA FILES AND I/O 8.1 What is a stream? 8.2 Reading and writing to files(only txt files)
14th	12.12. 2022	1	8.3 Input and Output Stream 8.4 Manipulating Input data
	13.12. 2022		8.5 Opening and Closing Streams 8.6 Predefined streams 8.7 File handling Classes and Methods Assignment-4
	15.12. 2022		EXCEPTION HANDLING 9.1 Exceptions Overview 9.2 Exception Keywords
	16.12. 2022		9.3 Catching Exceptions 9.4 Using Finally Statement
15th	19.12. 2022		9.5 Exception Methods 9.6 Declaring Exception
	20.12. 2022		9.7 Defining and throwing exceptions 9.8 Errors and Runtime Exceptions
	22.12. 2022		Revision & doubt Clearing