



SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY

LESSON PLAN (WINTER 2021)

Discipline- Computer Science & Engineering	Semester- 3rd	Faculty Name- Jyotirmayee Mansingh
Subject- Object Oriented Methodologies	No of days/ per week class allotted-4	Semester from date- 1.08.2023 to 30.11.2023 No of weeks-19
Week	Class day	Theory Topics
AUG 1ST	03.08.2023	Programming Languages,Object Oriented Programming
	04.08.2023	OOPS concepts and terminology
	05.08.2023	Benefits of OOPS,Application of OOPS
	07.08.2023	Doubt Clearing Class
AUG 2ND	10.08.2023	What is JAVA?Execution model of JAVA
	11.08.2023	The java virtual machine
	12.08.2023	A first java program
	14.08.2023	Variables
AUG 3RD	17.08.2023	Data types
	18.08.2023	Primitive datatypes and declarations
	19.08.2023	Numeric and character literals
	21.08.2023	String Literals
AUG 4TH	24.08.2023	Arrays,Non-Primitive Datatypes
	25.08.2023	Casting and Type Casting
	26.08.2023	Widening and Narrowing Conversions
	28.08.2023	Operators and Expressions
AUG 5TH	31.08.2023	Doubt Clearing Class
	01.09.2023	Control Flow Statements
	02.09.2023	control flow statements
	04.09.2023	Concept and Syntax of class
SEP 1ST	07.09.2023	Defining a class
	08.09.2023	Concept and Syntax of method
	09.09.2023	Defining methods
	11.09.2023	Creating an object,Accessing class members
SEP 2ND	14.09.2023	Instance data and class data,Constructors
	15.09.2023	Access specifiers,Access modifiers and Access control
	16.09.2023	String builder and String buffer
	18.09.2023	Methods and Messages
SEP 3RD	21.09.2023	Parameter Passing
	22.09.2023	Parameter Passing
	23.09.2023	Comparing and identifying objects
	25.09.2023	Inheritance in java and use of inheritance
SEP 4TH	28.09.2023	Types of inheritance,Single inheritance,Multi-level inheritance
	29.09.2023	Hierarchical inheritance ,Hybrid inheritance
	30.09.2023	Hierarchical inheritance ,Hybrid inheritance
	05.10.2023	Types of polymorphism,Method overloading
OCT 1ST	06.10.2023	Run time polymorphism
	07.10.2023	Method overriding
	09.10.2023	Introduction of packages,Java API packages,Using system packages
	12.10.2023	Java API packages
OCT 2ND	13.10.2023	Naming convention

OCT 3RD	14.10.2023	Creating packages
	16.10.2023	Doubt Clearing Class
	19.10.2023	Class test
	20.10.2023	What is a stream? Reading and writing to files.
OCT 5TH	30.10.2023	Input and output stream
	02.11.2023	Manipulating input data, Opening and closing streams
NOV 1ST	03.11.2023	Predefined streams, File handling classes and methods
	04.11.2023	Doubt Clearing Class
NOV 2ND	06.11.2023	Class test
	10.11.2023	Exception overview, Exception keywords
	11.11.2023	Catching exceptions
NOV 3RD	13.11.2023	Using finally statement
	16.11.2023	Exception methods
	17.11.2023	Exception methods
	18.11.2023	Declaring exceptions
	20.11.2023	Class test
NOV 4TH	24.11.2023	Defining and throwing exceptions
	25.11.2023	Errors and runtime exceptions
NOV 5TH	27.11.2023	Doubt Clearing Class
	30.11.2023	Doubt Clearing Class

Total no. of Classes: 61
No. of Theory Classes: 44
No. of Tutorial Classes: 5
No. of Digital Classes: 5
No. of PPT Classes: 7

H.O.D.


DEAN (ACADEMICS)

PRINCIPAL