

<b>LESSON PLAN:</b>		
Discipline: <b>IT</b>	Semester: <b>5th</b>	Name of the Teaching Faculty: <b>Ms.Supriya Mishra</b>
Subject: <b>OBJECT ORIENTED PROGRAMMING USING JAVA LAB</b>	No. Of classes allotted per week: <b>4 periods per week (Mon&amp; Wed – 2 periods each)</b>	Semester: <b>From Date: 01-08-2023 To 30-11-2023</b>
<b>WEEK</b>	<b>CLASS DAY</b>	<b>THEORY /PRACTICAL TOPICS</b>
1st	02-08-2023	<b>Interaction with new batch</b>
2nd	07-08-2023	<b>Syllabus Discussion</b>
	09-08-2023	<b>Introduction to Object Oriented Programming</b>
3rd	14-08-2023	<b>Introduction to Basic Java Programming Language</b>
	16-08-2023	Write a Java program to print 'Hello' on screen and then print your name on a separate line.
4th	21-08-2023	Write a Java program to print the sum of two numbers.
	23-08-2023	Write a Java program that takes a number as input and prints its multiplication table upto 10.
5th	28-08-2023	Write a Java program to print the area and perimeter of a rectangle.
6th	04-09-2023	Write a Java program to swap two variables.
7th	11-09-2023	Write a Java program to convert a decimal number to binary number.
	13-09-2023	Write a Java program to compare two numbers.
8th	18-09-2023	Write a Java program and compute the sum of the digits of an integer.
9th	25-09-2023	Write a Java program to count the letters, spaces, numbers and other characters of an inputstring.
	27-09-2023	Write a Java program to reverse a string.
10th	04-10-2023	Write a Java program to accept a number and check the number is even or not. Prints 1 if the number is even or 0 if the number is odd.
11th	09-10-2023	<b>Internal Assessment(To be decided by Institution)</b>
	11-10-2023	Write a Java program that accepts two integer values from the user and return the larger values. However if the two values are the same, return 0 and return the smaller value if the two values have the same remainder when divided by 6.
12th	16-10-2023	Write a Java program to get the larger value between first and last element of an array (length 3) of integers .
	18-10-2023	Design a class to represent a bank account. Include the members : Data members: · Name of the depositor

		<ul style="list-style-type: none"> <li>· Account Number</li> <li>· Type of account</li> <li>· Balance amount in the account</li> <li>Methods:</li> <li>· To assign initial values</li> <li>· To deposit an amount</li> <li>· To withdraw an amount</li> <li>· To display the name and balance</li> </ul>
13th	25-10-2023	Puja Holiday
14th	30-10-2023	Given are two one-dimensional arrays, A and B which are sorted in ascending order. Write a program to merge them into a single sorted array C that contains every item from arrays A and B, in ascending order.
	01-11-2023	Write a java program implementing multiple inheritance.
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15th	06-11-2023	<b>Introduction to Advanced Java (Packages, Files &amp; Exception Handling)</b>
	08-11-2023	Write a java program implementing package
16th	13-11-2023	Write a java program to read a file line by line and print the line on the output screen.
	15-11-2023	Write a java program to read content from one file and write it into another file.
17th	20-11-2023	Define an exception called "No Match Exception" that is thrown when a string is not equal to "India". Write a program that uses this exception.
	22-11-2023	Develop a java project for percentage calculator/temperature conversion tool.
18th	29-11-2023	<b>Last Date to submit completed Practical Records Viva Voce</b>