LESSON PLAN
PVPSIT/ACD /01)

Academic Year : 2023-2024/PVP20
Year & Semester / Section : III BTech I SEM / Section: S1
Branch : EEE
Subject Code & Name : JAVA PROGRAMMING (20SA8552)
Name of Faculty : Michael Sadgun Rao.K

EXPT NO	TOPIC OF SYLLABUS TO BE COVERED	LEARNING OUT COMES	TEACHING MODE BB/LCD/ SYSTEM	HOURS REQUIRED	EXPECTED DATE OF TASK COMPLETION	REVIEW/ REMARKS (BY HOD)
EXPT NO-1	Implement Java Programs by using Conditional Statements, Switch and loops with suitable examples.	Understand the concepts of Java	SYSTEM	6	11.07.2023, 18.07.2023	
EXPT NO -2	Develop Java Programs Using 1D Arrays and 2D arrays.	Understand the Arrays	SYSTEM	3	25.07.2023	
EXPT NO -3	Use String, StringBuffer and StringTokenizer classes to develop Java programs.	Understand the concepts of String.	SYSTEM	3	01.08.2023	
EXPT NO -4	Implement the concept of static variables, static methods and static block.	Understand the concept of static variables, static methods and static blocks.	SYSTEM	2	08.08.2023	
EXPT NO -5	Implement the concept of instantiation of objects using Classes.	Understand the concepts of instantiation of objects using Classes.	SYSTEM	2	22.08.2023	
EXPT NO -6	Implement reusability concept through inheritance.	Understanding the concepts of inheritance.	SYSTEM	2	22.08.2023	
EXPT NO -7	Implement the concept of Polymorphism using method Overloading and overriding.	Understand the concepts of Polymorphism using method Overloading and overriding.	SYSTEM	2	05.09.2023	

EXPT NO -8	Develop Java programs using Abstract Class to achieve Partial abstraction.	Understanding the concepts of Abstract Class.	SYSTEM	2	12.09.2023	
EXPT NO -9	Use interfaces to develop Java programs with complete Abstraction.	Understanding the concepts complete Abstraction.	SYSTEM	2	12.09.2023	
EXPT NO -10	Create a package and access members from the package to Avoid naming conflicts.	Implementation of package to Avoid naming conflicts.	SYSTEM	2	26.09.2023	
EXPT NO -11	Implement Exception handling to build robust programs.	Understanding the concepts of Exception handling to build robust programs.	SYSTEM	2	03.10.2023	
EXPT NO -12	Develop Java programs using Multithreading for process Synchronization.	Understanding the concepts of Multithreading for process Synchronization.	SYSTEM	2	03.10.2023	
EXPT NO -13	Implement various data structures using Collection Framework	Understanding the concepts data structures using Collection Framework	SYSTEM	3	10.10.2023	
	INTERNAL EXAM		SYSTEM	3	17.10.2023	

Legend: Teaching Mode
BB: Black Board / LCD: Power Point Presentation /SYSTEM

Signature of the Faculty **Signature of the HOD**

Date: