

Lesson Plan

Name of Faculty : Dr Vidhu Kiran, Assistant Professor
CSE Discipline : Computer Science and Engineering
Semester : 4th (even)
Subject : JAVA Programming (CSE-208L)
Lesson Plan Duration : 15 weeks (Mar- July, 2023)
Work Load (Lecture/Practical) per week (in hours): Lectures-04hours

Week	Theory		Topic Covered Date and Remarks		
	Lecture Day	Topic (Including Assignment/Test)	Date	HOD	Director-Principal
1 st	1	Machine language			
	2	Assembly language			
	3	High level language			
	4	Object, method, classes			
2 nd	5	Instantiation , reuse			
	6	Method and message calls			
	7	Data type and instance variable			
	8	Abstraction , encapsulation			
3 rd	9	Inheritance and polymorphism			
	10	Creating and running program			
	11	Main method, comments and identifiers , their rules			
	12	Packages , classes and method			
4 th	13	Anatomy of java program			
	14	Java tokens			
	15	Java operators			
	16	Java virtual machine			
5 th	17	Control statements			
	18	Looping statements			
	19	Jumping statements			
	20	Objects declaration , class declaration			
6 th	21	User Defined method , visibility control			
	22	Constructor and its types			
	23	Constructor overloading , method overloading			
	24	Method overriding			
7 th		1st Minor Test			
8 th	25	Static member , abstract method and class			
	26	Inheritance , single inheritance			
	27	Multilevel inheritance , hybrid inheritance			
	28	Interfaces , packages			
9 th	29	Adding a class to package			
	30	GUI programming			
	31	Lines and rectangle			
	32	Circles and eclipse			
10 th	33	Java applets			
	34	Assignment 1			
	35	Creating a thread , extending a thread			
	36	Run method			
11 th	37	Stop and blocking a class			
	38	Life cycles of thread			
	39	Thread method			
	40	Thread exception			
12 th	41	Thread priority			
	42	Types of error			
	43	Run time error			
	44	Try , catch			
13 th	45	Multiple catch			
	46	Finally statements			
	47	Throwing user Defined exceptions			
	48	Byte stream class			
14 th		2nd Minor Test			
15 th	49	Character stream class			
	50	Creations of files.			
	51	Assignment 2 nd			
	52	Problem and solutions			