DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

LESSON PLAN & WORK-DONE DIARY FOR MCA AY:2024-25, EVEN SEMESTER

Course with Code: Object Oriented Programming using Java MMC202				Faculty: Ms. Tanya R			Semester & Section: II Sem-'B' Sec	
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
					MODULE-1			
1		Bridge course	PPT & CHALK				PPT	
2		Bridge course	PPT & CHALK				PPT	
3		The History and Evolution of Java, Features of Java An overview of Java	PPT & CHALK				PPT & CHALK	
4		Object-Oriented Programming, Structure of a Java program	PPT & CHALK				PPT & CHALK	
5		Type conversion and casting, Arrays	PPT & CHALK				PPT & CHALK	
6		Classes	PPT & CHALK				PPT & CHALK	
7		Classes	PPT & CHALK				PPT & CHALK	
8		Methods and Classe	PPT & CHALK				PPT & CHALK	
9		Methods and Classes	PPT & CHALK				PPT & CHALK	

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					MODULE-2			
10		Inheritance: Basic concepts, Member Access and Inheritance					PPT & CHALK	
11		Practical Example Inheritance types, super, constructors	PPT & CHALK				PPT & CHALK	
12		Method Overriding, Dynamic Method Dispatch, Abstract Classes, final with inheritance.	PPT & CHALK				PPT & CHALK	
13		**String Handling:** String Constructor, String length, Special string Operations	PPT & CHALK				PPT & CHALK	
14		Character Extraction, String comparison	PPT & CHALK				PPT & CHALK	
15		Modifying a string, String Buffer	PPT & CHALK				PPT & CHALK	
16		**Generics:** About Generics, A simple Generic Example.	PPT & CHALK				PPT & CHALK	
17		General class with Two Type Parameters.	PPT & CHALK				PPT & CHALK	
18		General form of generic class.						

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						MODULE-3			
19		Packages	PPT & CHALK					PPT & CHALK	
20		Packages, Packages and member access	PPT & CHALK					PPT & CHALK	
21		Importing packages,	PPT & CHALK					PPT & CHALK	
22		Interfaces	PPT & CHALK					PPT & CHALK	
23		Default interface methods	PPT & CHALK					PPT & CHALK	
24		Use static methods in an interface	PPT & CHALK					PPT & CHALK	
25		Private Interface methods.	PPT & CHALK					PPT & CHALK	
26		Exception handling	PPT & CHALK					PPT & CHALK	
27		Exception handling	PPT & CHALK					PPT & CHALK	
28		Exception handling							

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		MODULE-4						
29		Multithreaded Programming	PPT & CHALK				PPT & CHALK	
30		Java thread model, main thread, creating thread	PPT & CHALK				PPT & CHALK	
31		creating multiple threads, isalive( ) and Join( )	PPT & CHALK				PPT & CHALK	
32		thread priorities.	PPT & CHALK				PPT & CHALK	
33		synchronization.	PPT & CHALK				PPT & CHALK	
34		Input/Output.	PPT & CHALK				PPT & CHALK	
35		Exploring java.io	PPT & CHALK				PPT & CHALK	
36		The I/O Classes and Interfaces	PPT & CHALK				PPT & CHALK	
37		The Byte Streams	PPT & CHALK				PPT & CHALK	

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						MODULE-5			
38		Event Handling	PPT & CHALK					PPT & CHALK	
39		Two Event Handling Mechanisms, The Delegation Event Model	PPT & CHALK					PPT & CHALK	
40		Events Event Sources, Event Listeners	PPT & CHALK					PPT & CHALK	
41		Event Classes	PPT & CHALK					PPT & CHALK	
42		Event Listener Interfaces	PPT & CHALK					PPT & CHALK	
43		Event Listener Interfaces	PPT & CHALK					PPT & CHALK	
44		Event Model	PPT & CHALK					PPT & CHALK	
45		AWT: Working with Windows, Graphics and Text	PPT & CHALK					PPT & CHALK	
46		AWT Classes, Window Fundamentals, Working with Frame Windows, Graphic	PPT & CHALK					PPT & CHALK	

	Activity	Planned	Actual	Remarks
1	Theory Classes	40+10	40+10	
2	Assignments/Quizzes/Activity/ Self-study	2/2	2/2	
3	Tutorials/ Extra classes	-	-	
4	Internal Assessments	2	2	
5	ICT based Teaching (% of usage in Curriculum)	100%	100%	
Planning			**Execution**	
Faculty Signature:			**Faculty Signature:**	
HoD Signature:			**HoD Signature:**	