DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Lesson Plan & Work-done Diary for AY: 2025-26, Odd Semester

Course with Code: Object Oriented Programming With Java - BCS306A				Faculty:			Semester: 3rd	
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
1		Basic concepts in java	PPT + Chalk & Board	1				
2		Explain 3 oops concepts	PPT + Chalk & Board	2				
3		Different data types	PPT + Chalk & Board	3				
4		Module1: DataTypes,Variables, and Arrays	PPT + Chalk & Board	4				
5		Types of Operators.	PPT + Chalk & Board	5				
6		Control Statements.	PPT + Chalk & Board	6				

7		Module 2: Introducing Classes	PPT + Chalk & Board	7				
8		Overloading Methods,Objects,Argument parsing,recursion	PPT + Chalk & Board	8				
9		AccessControl,Understanding Static.	PPT + Chalk & Board	9				
10		**,Introducing Final, nested and Inner classes**	PPT + Chalk & Board	10				
11		Module 3:Inheritance Basics,Using Super,Multi-level Inherriency,	PPT + Chalk & Board	11				
12		Method Overriding, Dynamic method Dispatch, Abstract Classes	PPT+ chalk& Board	12				
13		Interfaces, Default Using Static Methods, private interface methods.	PPT + Chalk & Board	13				
14		Module 4: Packages, Packages Access, Important Packages.	PPT + Chalk & Board	14				

15		ExceptionsHandling Fundamentals, Types of Exceptions Multiple Catch Clauses,nested	PPT + Chalk & Board	15				
16		Uncaught Exceptions ,using try and catch.	PPT + Chalk & Board	16				
17		try statements,throw,throws,finally,Java Built-in Exceptions,	PPT + Chalk & Board	17				
18		Module5: MultiThreaded Programming,thread model	PPT + Chalk & Board	18				
19		The main Thread,Creating a Thread,Creating Multiple Threads	PPT + Chalk & Board	19				
20		Using isAlive() and join(),Thread priorities	PPT + Chalk & Board	20				

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21		Synchronization,InterThreadCommunication,Suspending,Resuming,stopping threads.	PPT + Chalk & Board	21`				
22		Enumerations Fundamentals,the Values() and ValueOf() methods	PPT + Chalk & Board	22				
23		Type Wrappers	PPT + Chalk & Board	23				
24		Autoboxing and Methods	PPT + Chalk & Board	24				
25		AutoBoxing/UnBoxing occurs in Expressions	PPT + Chalk & Board	25				
26		AutoBoxing/unboxing	PPT + Chalk & Board	26				

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27		Unboxing Boolean and Character values.	PPT + Chalk & Board	27				
28		**Lab Internals**						

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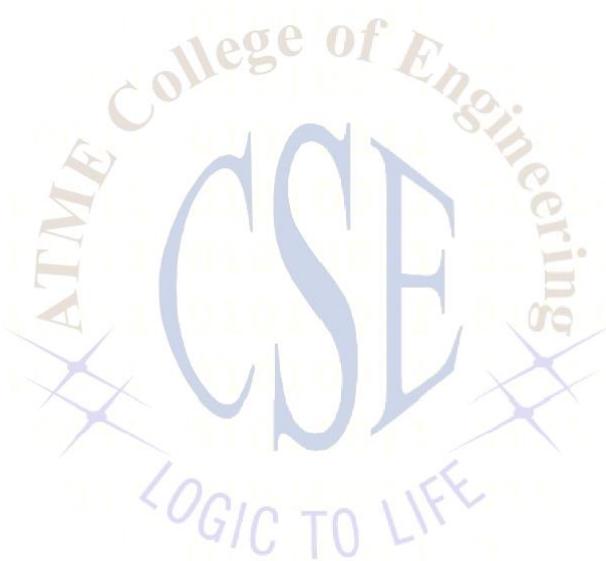
	Activity	Planned	Actual	Remarks
1	Theory Classes / Lab Session	11		
2	Assignments/ Quizzes/ Self-study	-		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	2		
5	ICT based Teaching (% of usage in Curriculum)	100%		

Planning	Execution
Faculty Signature:	**Faculty Signature:**
HoD Signature:	**HoD Signature:**

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