



Lesson Plan & Work-done Diary for AY: 2026-27, ODD Semester

Course with Code: Object Oriented Programming With Java(1BCS302)				Faculty: Mrs. MADHU NAGARAJ		Semester & Section: III 'A'	
Class No	Date planned (DD/MM)	Topics to be covered	TLP Planned	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks
MODULE-1							
1.		Introduction to the Course	PPT Chalk & Talk				
2.		An Overview of Java: Object-Oriented Programming (Two Paradigms, Abstraction, The Three OOP Principles)	PPT Chalk & Talk				
3.		Using Blocks of Code, Lexical Issues (White-space, Identifiers,	PPT Chalk & Talk				
4.		Literals, Comments, Separators, The Java Keywords).	PPT Chalk & Talk				
5.		Data Types, Variables, and Arrays: The Primitive Types, Variables	PPT Chalk & Talk				
6.		Type Conversion and Casting, Automatic Type Promotion in Expressions, Arrays.	PPT Chalk & Talk				
7.		Operators: Arithmetic Operators, Relational Operators, Boolean Logical Operators	PPT Chalk & Talk				
8.		The Assignment Operator, The ? Operator, Operator Precedence, Using Parentheses.	PPT Chalk & Talk				
9.		Control Statements: Java's Selection Statements,	PPT Chalk & Talk				
10.		Iteration Statements	PPT Chalk & Talk				
11.		Jump Statements (Using break, Using continue, return).					



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MODULE-2							
12.		Introducing Classes: Class Fundamentals, Declaring Objects	PPT Chalk & Talk				
13.		Assigning Object Reference Variables, Introducing Methods	PPT Chalk & Talk				
14.		Constructors, the 'this' Keyword, and Garbage Collection	PPT Chalk & Talk				
15.		Methods and Classes: Overloading Methods, Using Objects as Parameters	PPT Chalk & Talk				
16.		Argument Passing, Returning Objects,	PPT Chalk & Talk				
17.		Recursion, Introducing Access Control	PPT Chalk & Talk				
18.		Understanding static, Introducing final	PPT Chalk & Talk				
19.		Introducing Nested and Inner Classes.	PPT Chalk & Talk				



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Course with Code: Business Analytics (BAD713B)				Faculty: Mrs. MADHU NAGARAJ		Semester & Section: VII	
Class No.	Date planned (DD/M M)	Topics to be covered	TLP Planned	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks
MODULE-3							
20.		Inheritance: Inheritance Basics, Using super,	PPT Chalk & Talk				
21.		Creating a Multilevel Hierarchy, When Constructors Are Executed	PPT Chalk & Talk				
22.		Method Overriding,	PPT Chalk & Talk				
23.		Dynamic Method Dispatch,	PPT Chalk & Talk				
24.		Using Abstract Classes, Using 'final' with Inheritance	PPT Chalk & Talk				
25.		Local Variable Type Inference and Inheritance, The Object Class.	PPT Chalk & Talk				
26.		Packages: Packages, Packages and Member Access, Importing Packages.	PPT Chalk & Talk				
27.		Interfaces: Interfaces, Default Interface Methods,	PPT Chalk & Talk				
28.		Use static Methods in an Interface, Private Interface Methods.					



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MODULE-4							
29.		Exceptions: Exception-Handling Fundamentals,	PPT Chalk & Talk				
30.		Exception Types, Uncaught Exceptions, Using try and catch,	PPT Chalk & Talk				
31.		Multiple catch Clauses, Nested try Statements, throw, throws, finally,	PPT Chalk & Talk				
32.		throw, throws, finally,	PPT Chalk & Talk				
33.		Java's Built-in Exceptions, Creating Your Own Exception Sub classes, Chained Exceptions	PPT Chalk & Talk				
34.		Multi-threaded Programming: The Java Thread Model, The Main Thread,	PPT Chalk & Talk				
35.		Creating a Thread, Creating ,Multiple Threads	PPT Chalk & Talk				
36.		Using isAlive() and join(), Thread Priorities, Obtaining a Thread's State	PPT Chalk & Talk				



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MODULE-5							
37.		Enumerations, Type Wrappers and Autoboxing: Enumerations,	PPT Chalk & Talk				
38.		Enumerations Cntd	PPT Chalk & Talk				
39.		Type Wrappers	PPT Chalk & Talk				
40.		Autoboxing	PPT Chalk & Talk				
41.		Generics: A Simple Generics Example, A Generic Class with Two Type Parameters	PPT Chalk & Talk				
42.		The General Form of a Generic Class.	PPT Chalk & Talk				
43.		Revision	PPT Chalk & Talk				



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	Activity	Planned	Actual	Remarks
1	Theory Classes	42		
2	Assignments/ Quizzes/ Self-study	4		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	3		
5	ICT based Teaching (% of usage in Curriculum)	100		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	