

DEPARTMENT OF BACHELOR OF COMPUTER APPLICATIONS

LESSON PLAN & WORK-DONE DIARY FOR AY:2025-26, ODD SEMESTER

Course with Code: FUNDAMENTALS OF JAVA				Faculty: Mrs. Yeshashwini Bhandari K R		Semester & Section: III Sem		
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	01-09-2025 to 03-09-2025	Bridge Course: Basic of Programming Introduction to the Subject and Course Objectives						
2	04-09-2025	An Overview of Java: Object-Oriented Programming (Two Paradigms						
3	08-09-2025(E)	Abstraction, The Three OOP Principles),						
4	09-09-2025	Using Blocks of Code, Lexical Issues (Whitespace, Identifiers,						
5	11-09-2025	Literals, Comments, Separators,						
6	12-09-2025(E)	The Java Keywords, Data Types,						
7	15-09-2025	Variables, Type Conversion						
8	18-09-2025	Casting, Automatic Type Promotion in Expressions						
9	22-09-2025	Arrays						
10	22-09-2025(E)	Operators, Operator Precedence, Using Parentheses.						
11	25-09-2025	Control Statements: Java's Selection Statements						
12	29-09-2025	Iteration Statements						
13	29-09-2025	Jump Statements (Using break, continue, return)						
		Quiz-1						

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Course with Code: FUNDAMENTALS OF JAVA Laboratory				Faculty: Mrs. Yeshashwini Bhandari K R		Semester & Section: III Sem		
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MODULE-2								
14	06-10-2025	Introducing Classes: Class Fundamentals, Declaring Objects,						
15	06-10-2025	Assigning Object Reference Variables						
16	13-10-2025	Introducing Methods						
17	13-10-2025	Constructors						
18	16-10-2025	The this Keyword, Garbage Collection.						
19	21-10-2025 (E)	Methods and Classes: Overloading Methods, Objects as Parameters,						
20	23-10-2025	Argument Passing, Returning Objects						
21	24-10-2025(E)	Recursion, Access Control, Understanding static,						
22	27-10-2025	Introducing final						
		Quiz-2						
		Assignment-1						

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MODULE-3								
23	27-10-2025	Inheritance: Inheritance Basics, Using super, Creating a Multilevel Hierarchy,						
24	30-10-2025	When Constructors Are Executed, Method Overriding						
25	03-11-2025	Dynamic Method Dispatch, Using Abstract Classes,						
26	03-11-2025	Using final with Inheritance, Local Variable Type Inference and Inheritance, The Object Class.						
27	6-11-2025	Interfaces: Interfaces, Default Interface Methods,						
28	13-11-2025	Use static Methods in an Interface, Private Interface Methods.						
		Quiz-3						

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MODULE-5								
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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
36	1-12-2025	Packages: Packages, Packages and Member Access, Importing Packages.						
37	4-12-2025	Packages: Packages, Packages and Member Access, Importing Packages.						
38	5-12-2025(E)	Multithreaded Programming: The Java Thread Model, The Main Thread						
39	8-12-2025	Creating a Thread, Creating Multiple Threads						
40	8-12-2025	Using isAlive() and join()						
41	11-12-2025	Thread Priorities, Synchronization,						
42	12-12-2025	Interthread Communication, Suspending, Resuming, and Stopping Threads, Obtaining a Thread's State.						
		Quiz-5						
		Revision -1						
		QP Discussion						

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	Activity	Planned	Actual	Remarks
1	Theory Classes	42(TH) + 20 (L)		
2	Assignments/Quizzes/Activity/ Self-study	02/05		
3	Tutorials/ Extra classes	6		
4	Internal Assessments	2+1		
5	ICT based Teaching (% of usage in Curriculum)	80%		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	