


**Annual Teaching Plan**

Department :- Computer Science		Class :- B. Sc. Third Year		
Name of Teacher :- Shweta Kachawar		Year :- 2023 - 24		
Subject :- Computer Science		Semester :- VI		
Paper Name: Relational Database Management System		Paper No: XV (A)		
Chapter No.	Topic - Title	Expected Lectures	Expected Duration	
			From	To
I	Introduction Database-System Applications, Purpose of Database Systems, View of Data, Database Languages, Database Design, Database Engine, Database and Application Architecture, Database Users and Administrators.	10	2-Feb-24	26-Feb-24
II	Relational Model Structure of Relational Databases, Database Schema, Keys, Schema Diagrams, Relational Query Languages.	10	27-Feb-24	18-Mar-24
III	Relational Database Design Features of Good Relational Designs, Decomposition Using Functional Dependencies, Normal Forms	10	19-Mar-24	5-Apr-24
IV	Introduction to SQL Overview of the SQL Query Language, SQL Data Definition, Basic Structure of SQL Queries, Additional Basic Operations, Set Operations, Null Values, Aggregate Functions, Modification of the Database, Join Expressions, Views	15	6-Apr-24	25-Apr-24


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Annual Teaching Plan

Department :- Computer Science		Class :- B. Sc. Second Year		
Name of Teacher :- Shweta Kachawar		Year :- 2023 - 24		
Subject :- Computer Science		Semester :- IV		
Paper Name :- Java Programming		Paper No: IX		
Chapter No.	Topic - Title	Expected Lectures	Expected Duration	
			From	To
I	Java Features, how java differs From C and C++, Java and Internet, Java & www, Web Browsers, Java support systems, JVM, Java program structure.	10	13-Feb-24	2-Mar-24
II	Java Tokens, Constants, Variables, Data Types, Declaration of variable, Giving Values to variables, Scope of Variables, Symbolic Constants, Command Line Arguments, Java Statements, simple java program.	10	3-Mar-24	17-Mar-24
III	Introduction & defining a class, adding variables, Adding Methods, Creating Objects, Accessing Class Members, Constructors. Method Overloading, Static Members, Inheritance: Extending a class, Overriding Method, Final variable and Methods.	15	18-Mar-24	30-Mar-24
IV	Introduction, Defining Interface, Extending Interface, Implementing Interface, Accessing Interface Variables, Introduction to Arrays. Introduction to Java API package.	10	1-Apr-24	25-Apr-24

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