



# SAROJINI NAIDU VANITA MAHA VIDYALAYA

COLLEGE FOR WOMEN, AFFILIATED TO OSMANIA UNIVERSITY

(Sponsored and Managed Jointly by Osmania Graduates' Association and Exhibition Society)


NAAC Accredited 3rd Cycle

## Department Of Computer Science

### B.Sc. IIIyear, Semester –VI PHP with MYSQL

#### Teaching Plan 2022-2023

S.no	Topic	Hours
January	<b>Unit-I</b> Introduction: Evolution of PHP, Installing PHP, Ways to run PHP, Creating First.	2 hrs
February	PHP Basics, Variables, Data Types, Operators and Expressions, Decisions and Loops, Mixing Decisions and Looping with HTML, Strings- Creating and Accessing Strings, Searching Strings, Methods of Strings, Arrays, Types of Arrays, Creating and Accessing Arrays, Functions: Reading Data in web Pages, Web page Communicating with PHP.	10 hrs
March	<b>Unit-II</b> Object Oriented Programming: Creating Classes and Objects, Constructors, Destructors, Inheritance, Overloading, Overriding, Methods. Advanced OOP: Static, Abstract Classes, Interfaces, Object iteration, Comparing Objects, Reflection. File Handling: fopen, feof, fgets, closing a file, Different types of File Operations.	10 hrs
April	<b>Unit-III</b> Introduction to Databases and SQL: How to store data , RDBMS, setting Up MYSQL, Connecting MYSQL from PHP, Retrieving Data From MYSQL with PHP, Retrieving Data with SELECT, Creating a Member Record Viewer, Manipulating MYSQL Data with PHP.	8 hrs
May	MYSQL Data with PHP: Inserting, Updating, Deleting records, Building a Member Registration Application, Sessions, Cookies and FTP.	5 hrs

  
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### B.Sc. IIIyear, Semester –V Programming In Java

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S.no	Topic	Hours
August	<b>Unit-I</b> Introduction: Java essential, Java Features, Data types, Structure of java program, Type Casting, Conditional Statements, Loops.	9 hrs
September	Classes, Objects, Creating Objects. <b>Unit-II</b> Method overloading, Constructors, Types of Constructors, Cleaning up unused objects, Class variables and Method Static, this keyword, Arrays, Types of arrays, Command-line arguments, Inner Classes, Inheritance, Types of Inheritance, Method Overriding, super, final, extends Keywords, Abstract Classes, Interfaces.	15 hrs
October	Packages: Creating and using packages, Wrapper Classes, String and string Buffer Class. <b>Unit-III</b> Exception: Introduction, Types, Exceptional Handling, Multithreading Thread Life Cycle, Thread Priority, Synchronization.	10 hrs
November	Input/Output: Introduction, java.io package, File Streams, FileInputStream, FileOutputStream, and Random access Files, Applets: Life Cycle, Common Methods used in Displaying the output. Event Handling: Types of Events Examples AWT: Introduction Containers, Components, Button, Label, Checkbox, Radio Button, Layouts.	20 hrs
December	Swings: Introduction, Differences between Swing and AWT, JFrame, JApplet, JTable, Components in Swing, Layout Manager.	6 hrs

  
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