Laboratory Course- V
(Based on (BC51701 & BC51702))

Semester V	Subject Code: BCP51706	Lectures: 60

Objectives:
The syllabus aims in equipping students with,   • Implementing object oriented concepts in java and PHP   • Learn about file handling & exception handling in java   • Creating applets in java

Unit 1: JAVA	24
• Assignment on Basic java programs • Assignment on arrays, String, vector • Assignment on object oriented concepts (classes, Interfaces, inheritance, polymorphism) • Assignment on user defined packages • Assignment on JDBC • Assignment on File Handling • Assignment on Exception Handling • Assignment on applet • Assignment on AWT and swing	

Unit 2: HTML & PHP	24
• Assignment on Basic HTML Tags • Assignment on HTML LIST and TABLE • Assignment on Frameset in HTML • Assignment on form tag in HTML • Assignment on HTML tags using CSS • Assignment on creating web site using HTML • Assignment on functions in PHP • Assignment on strings in PHP • Assignment on Array in PHP • Assignment on Object oriented concepts in PHP	

Reference Books:

1. Thomas Powell, *Complete HTML*
2. Ivan Bayross, *HTML and JavaScript*
3. Rasmus Lerdorf and Kevin Tatroe, *Programming PHP* , O'Reilly publication
4. *Beginning PHP 5,* Wrox publication
5. E Balgurusamy, *Programming with JAVA*