

Java Programming

Semester V	Subject Code: BC51701	Lectures: 60
-------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- Basic concept of Java Programming
- To understand how to use programming in day to day applications
- Knowledge of data base Programming in Java

Web Technologies

Semester V	Subject Code: BC51702	Lectures: 60
-------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- Understanding the concepts of internet programming
- Understanding Client & Server Communication system
- Developing web based applications using PHP

Dot Net Programming

Semester V	Subject Code: BC51703	Lectures: 60
-------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- Understanding visual programming and event driven programming practically
- Learning the concepts of VB.Net
- Understanding the basics of ASP.Net

Object Oriented Software Engineering

Semester V	Subject Code: BC51704	Lectures: 60
-------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- To Understand concept of system design using UML
- To understand system development through object oriented techniques

Software Project – I

Semester V	Subject Code: BC51705	Lectures: 60
-------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- Understanding the practical implementation of the programming subject
- Learning how to make projects.

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

Advanced Web Technologies

Semester VI	Subject Code: BC61701	Lectures: 60
--------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- Developing PHP based application using database and framework
- Understanding the concepts of XML
- Understanding the concepts of JavaScript and AJAX

Advance Java

Semester VI	Subject Code: BC61702	Lectures: 60
--------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- Theoretical and practical knowledge of advance Java
- Knowledge to develop programming logic

Recent Trends In IT

Semester VI	Subject Code: BC61703	Lectures: 60
--------------------	------------------------------	---------------------

Objectives:

The syllabus aims in equipping students with,

- Upcoming trends in Information technology
- Knowledge of Eco friendly software development

Software testing

Semester VI	Subject Code: BC61704	Lectures: 60
--------------------	------------------------------	---------------------

Objectives:

- The syllabus aims in equipping students with,
- To know the concept of software testing
 - To understand how to test bugs in software

Software Project – II

Semester VI	Subject Code: BC61705	Lectures: 60
--------------------	------------------------------	---------------------

Objectives:

- The syllabus aims in equipping students with,
- Knowledge of developing the software

Laboratory Course- VI Based on (BC61701 & BC61702)

Semester VI	Subject Code: BCP61706	Lectures: 60
--------------------	-------------------------------	---------------------

Objectives:

- The syllabus aims in equipping students with,
- Knowledge of developing web application using advance java
 - Knowledge of developing applet animation using multi threading
 - How to create cookies using PHP Programs
 - Developing programming skills using JavaScript
 - Learning how to develop database programs using Mysql , AJAX

