

**Computer Science Laboratory Course-II
(Advanced Java Programming)**

Semester VI

Subject Code: BSP61708

Lectures: 60

Objectives:

The syllabus aims in equipping students with,

- To learn database programming using Java
- To study web development concept using Servlet and JSP
- To develop a game application using multithreading
- To learn socket programming concept

Unit 1: Database Programming	12
Unit 2: Multithreading	8
Unit 3: Servlets	12
Unit 4: JSP	8
Unit 5: Socket Programming	8

***Contact hours – 12 hours**

Reference Books:

1. Herbert Schildt, *Complete reference Java* (5th edition).
2. Steven Horlzner, *Java 2 Programming Black Book*.
3. E balgurusamy, *Programming with java*, a Primer, 4th edition.
4. Cay S Horstmann, Gary Cornell, *Core Java Volume I- Fundamentals*, 8th edition, , Prentice Hall, Sun MicroSystem Press .
5. Cay S Horstmann, Gary Cornell, *Core Java Volume II- Advance Features*, 8th edition, , Prentice Hall, Sun MicroSystem Press.

