



Computer Science Paper IX
Practical Course Based on BS62205
[Discipline Specific Course]

Semester: VI	Credits: 2	Subject Code: BSP62209	Lectures: 36
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Course Outcomes:

At the end of this course, the learner will be able to:

- Use multithreading to write multi core applications
- Learn database Programming using Java
- Create dynamic web pages using Servlets and JSP.
- Use basics of framework to develop secure web applications

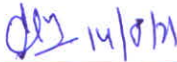

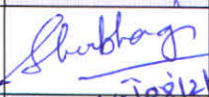

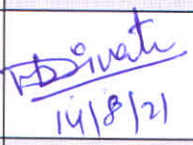
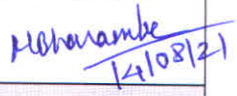
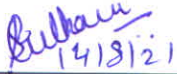
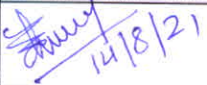
Assignment 1: Collections	6
Assignment 2: Multithreading	6
Assignment 3: Database Programming	6
Assignment 4: Servlets	6
Assignment 5: JSP	6
Assignment 6: Spring Framework	6

Recommended Reference Books:

- Cay S. Horstmann, Gary Cornell, *Core Java Volume-II-Advanced Features*, Eighth Edition, Prentice Hall, Sun Microsystems Press
- E. Balagurusamy, *Programming with Java , A primer* ,Forth edition
- Henry H. Liu, *Spring 4 for Developing Enterprise Applications: An End-to-End Approach*,
- Herbert Schildt, *Complete reference Java (5th edition)*
- J Sharma and Ashish Sarin, *Getting started with Spring Framework: covers Spring 5*
- Steven Horlzner , *Java 2 programming black book*

Board of Studies	Name	Signature
Chairperson	Ms Ashwini Kulkarni	



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