

**ELECTIVE COURSE III -3- ADVANCED J2EE TECHNOLOGY**

**UNIT-I**

J2EE and distributed computing – Design and development of J2EE application – Task list for building J2EE application.

**UNIT-II**

Resource access : JNDI & LDAP – Data access: JDBC - Control flow: Servlets.

**UNIT-III**

Java server pages : Introduction – Development – User interface design for Java applications.

**UNIT-IV**

Enterprise java beans – Building Session & Entity beans.

**UNIT-V**

Case studies in implementing Chat server - Case studies in implementing a web enabled online banking application.

**TEXT BOOK:**

- 1. Bambara Joseph, Allen Paul R., et aln...**, J2EE unleashed, SAMS / Techmedia publishers, 2001 (ISBN 81-7635-616-6 ) [**Unit-1** :(Chapters 1, 2, 3, 4); **Unit-2** : (Chapters 5, 6, 7); **Unit-3** (Chapters 8, 9, 10); **Unit-4** (Chapters 11, 12, 13)]
- 2. Jain Pallavi, Siddiqui, Shadab**, J2EE – Professional projects, Prentice Hall of India, 2002 (ISBN 81-203-2051-4). [**Unit-5** : Part 3 & Part-4 of the book).