

CS 9022

INTERNET PROGRAMMING

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UNIT - I

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Introduction – 3 tier architecture – working with model-view-controller – JCP – J2EE XML based APIs – Application servers

UNIT - II

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Presentation tier and EIS tier – servlet programming – JSP – Java Mail – JMS – Java transactions – JNDI – Java authentication and authorization services – Java cryptography (9)

UNIT - III

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Service Tier and Data tier – EJB architecture – session beans – entity beans – message driven beans – JDBC – J2EE connector architecture

UNIT - IV

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Web Services – J2EE Web Services – patterns – presentation, service tier and Data tier patterns – J2ME

UNIT - V

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AJAX - Struts – JSF – Hibernate – Spring

TEXT BOOKS:

1. McGovern et al, "J2EE 1.4 Bible", Wiley India, 2007.
2. Black Book, "Java Server Programming", Dreamtech Press, 2007. (Unit V)

REFERENCES:

1. Cay S Horstmann, Gary Cornell, "Core Java 2" Vol II, 7th ed, Pearson Education, 2005.
2. W Clay Richardson, et al, "Professional Java JDK 6 Edition", Wrox, 2007