



ADMINISTRATIVE MANAGEMENT COLLEGE
18th KM, Bannerghatta Road, Bangalore - 560083

J2EE

Course Description

J2EE stand for Java 2 Enterprise Edition. Core Java and advanced java are the standard editions of java whereas J2EE is the enterprise edition which is a combination of both core & advanced java. It is used for creating enterprise web applications. J2EE makes use of Servlets and JSPs to provide enterprise applications like web pages and portals.

Course Requirements

Students should be familiar with programming techniques and have substantial Java programming experience including JDBC, RMI, Servlets and JSP

Course Duration

Lecture Hours: 20

Practice Hours: 20

Total: 40

Course Contents:

- Module 1: Remote Method Invocation (RMI)
- Module 2: CORBA
- Module 3: Java EE Application
- Module 4: JNDI (Java Naming and Directory Interface)
- Module 5: JDBC Extension
- Module 6: Enterprise JavaBeans [EJB 3]
- Module 7: Java Persistence API (JPA)
- Module 8: Java Transaction Management (JTA)
- Module 9: Security Model
- Module 10: Java Message Service (JMS)
- Module 11: Web Services

Course Materials

1. J2EE: The complete Reference by Jim Keogh, McGraw Hill Education; 1 edition
2. Expert One-on-One J2EE Design and Development by Rod Johnson, Wrox, 2002.

Grading Policy

Each lesson will include assignments and lab exercise. Students will successfully complete this course if they secure 55% or higher overall grade.

Course Outcomes

- This course provides participants with the information and lab experience necessary to develop and deploy robust JEE 6 (Java Platform, Enterprise Edition) framework applications.
- The students will be able to develop a small project independently.

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