



C-DAC & Gujarat Technological University
M.E. Computer Engineering
(Wireless Mobile Computing)
Gandhinagar

Semester: I

Subject Name: Advanced Object Oriented Programming

Subject Code: 2715301

Course Content:

Data Types, Operators and Language, Constructs, Classes and Objects, Inner Classes and Inheritance, Interface and Package, TCP and Datagram sockets, Servlets, Java Server Pages, Remote Method Invocation, JDBC, JavaBeans, Enterprise Java Beans, Introduction to Struts Framework, Introduction to hibernate, HQL, J2EE (struts) and hibernate, Introduction to Spring Framework

Text Books:

1. Ali Bahrami, - “Object –Oriented System Development” - Mc Graw Hill.
2. Patrick Naughton, Herbert Schildt – “The complete reference-Java2” – TMH
3. Java Server Programming (J2EE 1.6 Edition) Black Book by Dream tech Software Team
4. Spring In Action:Covers Spring 3.0 3rd Edition by Craig Walls/Dream Tech

Reference Books:

1. Java 6 and J2EE 1.5 by Kogent/ Dreamtech
2. Bruce, Foundations of Object Oriented Languages, PHI
3. Java, C++ & Object Oriented Programming, PHI
4. Mahapatra: Introduction to System Dynamic Modelling, Universities Press
5. Rambaugh, James Michael, Blaha - “Object Oriented Modelling and Design” – Prentice Hall India/ Pearson Education