

SARDAR PATEL UNIVERSITY
Programme: MSC (Information Technology)
Semester: III
Syllabus with effect from: June 2010

Paper Code: PS03CINT01	Total Credits: 4
Title Of Paper: Java Programming	

Unit	Description in detail	Weightage (%)
1	Introduction to Java: Origin & Features of Java language Java development Kit & Java packages Class, Object, Memory management, Polymorphism in Java, Inheritance, Overloading and overriding in Java.	18 %
2	Advanced Programming Concepts: Exception handling I/O & File management Multithreading JDBC	16 %
3	Implementation Advanced Programming Concepts using Visual Programming: Introduction Event handling Visual programming using AWT Advanced Visual programming using JFC	16 %
4	Web Programming: Applets design Servlets / JSP Network programming	18 %
5	Advanced Concepts – I: Java Beans RMI & CORBA	16 %
6	Advanced Concepts-II: Java mail API	16 %

Basic Text & Reference Books:

- Patrick Naughton: Complete Reference – TMH
- Daniel Joshi and Paul Vorobeiu: The Java 1.1 Programmer – Comdex Times
- C. Thomas: Introduction to Object Oriented Programming with Java - TMH
- Naughton: The Java Hand Book – TMH

