VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
Post Graduate Diploma in Computer Application (Evening)
Semester - III
Effective from: July - 2012

Paper No. : E301
Paper Title : Object Oriented Programming

1. Procedure Oriented Programming Vs. Object Oriented Programming

2. Object Oriented Programming Using VB.Net
   2.1. Classes and Objects
   2.2. Encapsulation & Data Hiding
   2.3. Properties
   2.4. Constructors
   2.5. Finalize & Dispose
   2.6. Object Serialization
   2.7. Abstract Classes
   2.8. Delegates

3. Polymorphism
   3.1 Functional Overloading & Overriding
   3.2 Dynamic Polymorphism

4. Inheritance
   4.1 Types of Inheritance
   4.2 Inheritance Keywords
   4.3 Use of Constructor during inheritance
   4.4 Interfaces

5. Assemblies

Reference Books:

5. Professional VB.NET, Fred Barwell, et al - Wrox Publication
6. Microsoft Visual Basic .NET Step By Step, Michael Halvorson, PHI
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Paper No. : E302
Paper Title : Practical - VI

Practical based on Paper No: E301 (Object Oriented Concepts in VB.Net)
Project of 3 months duration.