



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

Semester: I

Subject Name: Compact Framework for MS Windows Mobile (Elective I & II- Group 1)

Subject Code: 2715307

Course Content:

Part 1:

.NET Framework Overview and RT framework, Language Interoperability, Assemblies

Part 2:

Need of C#, Operators, Namespaces & Assemblies, Arrays, Preprocessors, Delegates and Events
Boxing and Unboxing, Regular Expression, Collections, Introduction to LINQ

Part 3:

Introduction to Windows Phone 7/Windows Phone 8, Tools for Windows Phone 7 OR 8 development
Introduction to Silverlight, Different Layouts like StackPanel, Grid, Canvas, Various Controls
Using the Silverlight for Windows Phone Toolkit, Using Vibration, Playing sounds with
MediaElement
Playing videos, Introduction to WCF, Need of WCF service, Marketplace

Text Books:

1. .NET 4.0 Programming 6-In-1, Black Book (With CD)
2. Essential C# 4.0 – By Mark Michaelis / Addison Wesley (EBOOK)
3. Essential Windows Phone 7.5 Application Developments with Silverlight – By Shawn Wildermuth / Addison Wesley
4. CLR via C# by Jeffrey Richter / Microsoft Press

Reference Books:

1. .NET Framework 3.5, Wrox Publications
2. .NET 3.5 Programming by Black Book/dream Tech
3. Programming Ms Visual C# 2008 By Donis Marshall/Microsoft press
4. C# 2008 by Joel Murach/ Shroff Publication
5. Programming Microsoft LINQ by Paolo Pialorsi/ Microsoft Press
6. Professional ASP .NET 3.5 AJAX by Wrox Publications