



C. U. Shah University, Wadhwan City

Faculty of Computer Science

Name of Program: Bachelor of Science in Information Technology
(B.Sc.IT)

Semester : VI

W.e.f. June-2015

Teaching & Evaluation Scheme

Sr. No	Subject Code	Subject Name	Teaching Hours/Week				Credits	Evaluation Scheme/Semester							
			Th	Tu	Pr	Total		Theory				Practical		Total Marks	
								Sessional Exam		University Exam		Internal			Uni.
								Marks	Hrs	Marks	Hrs	Pr	TW		Pr
1	4CS06IWA1	Mobile Apps Development using Windows Phone	4	-	-	4	4	30	1.5	70	3	-	-	-	100

Objective:

To provide the knowledge about how to make mobile applications for windows platform using latest technology.

Pre-requisites:

Windows programming is based on C#.NET language so student should have basic knowledge of C#.NET programming.

Course Outline:

Ch. No	Chapter Name	Topics	Lect. Hours
1	Introduction	Windows Phone Overview Windows Phone History Version History Features Of Windows Phone Windows Phone Application Platform Application Development Life Cycle Development Tools and Emulator Building First Windows Phone Application & Running It Customizing The Application	8
2	Introduction To XAML	What is XAML? Namespace Properties & Events Resources Styles in XAML Data Binding Data Binding With Objects	6
3	Core Concepts	Structure Of Windows Phone Project Application Life Cycle Page Navigation Page Orientation	6
4	Working With Controls	Border, Button, Canvas, CheckBox, Grid, Image, RadioButton, StackPanel, Rectangle, TextBlock, TextBox, HyperlinkButton, PasswordBox, Pivot, PivotItem, ScrollBar, Slider, WebControl, ProgressBar, MediaElement, ComboBox, ListBox	18

5	Taming The Application Bar	Application Bar Overview Exploring The Built-in Application Bar Introducing The Custom AppBar	8
6	Packaging & Publishing Application	Windows Phone Publishing Life Cycle Application Certification Requirements	4
Total Lectures			50

Books Recommended:

- (1) Beginning Windows Phone App Development By Henry Lee, Eugene Chuyrow, Apress Publication
- (2) Windows Phone 8 Unleashed By Daniel Vaughan, SAMS Publication

Reference Books:

- (1) Windows Phone 8 Application Development Essentials By Tomasz Szostak, Packt Publishing
- (2) Windows Phone 8 Recipes By Lori Lalonde, David Totzke Apress Publication