C. U. Shah University, Wadhwan City

Faculty of Computer Science
Name of Program: Master of Science in Information Technology
(Web Technology)
Semester : III
W.e.f. June-2015
Teaching & Evaluation Scheme

Sr. No	Subject Code	Subject Name	Teaching Hours/Week				Credits	Evaluation Scheme/Semester							Total Marks
								Theory				Practical			
			Th	Tu	Pr	Total		Sessional Exam		University Exam		Internal		Uni.	
								Marks	Hrs	Marks	Hrs	Pr	TW	Pr	
3	5CS03WSP1	Web development Using SharePoint	4	-	2	6	5	30	1.5	70	3	10	-	40	150

Objectives:

Students should be able to work with Microsoft Environment, They have knowledge of Asp.Net, WPF, WCF, AJAX and LINQ.

Course Outline:

Ch. No	Chapter Name	Topics	Lect. (Hours)
1	Introduction To MVC	Introduction of Asp.Net MVC The Model-View-Control Architecture Installing Asp.Net MVC MVC & Web Form Works Running The Application Routing Model (Data, Business, View) View Control Directory Structure of MVC	10
2	MVC Style and Layout	Asp.Net MVC Style and Layout Adding a Layout HTML Helpers, Razor, Adding Styles Creating Simple MVC Application	5
3	Razor	Razor Introduction Razor Syntax Razor C# Variables Razor C# Logic (based on conditions) Razor C# Loops Razor Programming	10
4	Cloud	Overview, Roots of Cloud Computing, Layers and Types of Cloud, Desired Features of a Cloud, Benefits and Disadvantages of Cloud Computing, Cloud Infrastructure Management, Infrastructure as a Service Providers, Platform as a Service Providers,	8

		Challenges and Risks	
5	Introduction To SharePoint 2013	Introduction of SharePoint 2013 Features of SharePoint SharePoint Installation Types SharePoint Installation SharePoint 2013 Capabilities SharePoint 2013 APIs SharePoint Central Administration	10
6	SharePoint Development	Development Tools for SharePoint Web-based development in SharePoint SharePoint Designer Developing SharePoint Application using Visual Studio 2012 Developing SharePoint Application using Expression Blend Understanding Development Options	7
7	Developing SharePoint Application And Administration	Create Site or Subsites Create List and Libraries Custom Pages User, Groups and Permission Web Content Management	10
		Total Lectures	60

Reference Books:

1) **Programming ASP.NET MVC 4, Dreamtech Publication**

2) **Cloud Computing Bible, Wiley Publication**

3) **SharePoint 2013 Development,Wrox Publication**

4) **SharePoint 2013 Administration, Wrox Publication**