

TEACHING LOAD

Academic Year-2016- 2017

Sr. No.	Subject Code Number	Subject Name	Sem	Class (Branch)	Workload Assigned		Examination Scheme				Total Marks
					Lecture	Pract	Paper	T/W	Pract	Oral	Total
1	410909	Advanced Web Technology	IV	SYMCA (Engg)	05	-----	50	50	-----	----	100
2	410914	WT Lab	IV	SYMCA (Engg)	----	04	----	50	50	----	100
3	MCAL201	Software Engineering	II	FYMCA (Engg)	05	-----	60	40	-----	----	100
4	MCAL204	Object Oriented Analysis & Design	II	FYMCA (Engg)	05		60	40	----	----	100
5	MCAP204	UML Laboratory	II	FYMCA (Engg)	---	02		50	----	---	50
6		Aptitude Sessions	II	FYMCA (Engg)	02	-----	-----	----	-----	---	-----
Total Load					17	06					

TEACHING PLAN FOR THEORY

Subject: Advanced Web Technology		Class: SYMCA	Branch: Engg	Year 2016-2017
Lecture No	Scheduled Date	Topics to be covered on the scheduled date	Dates On which Actually covered	Reasons for deviation(if any)
1	15/12/16	<u>Unit-I : The .NET Framework</u>		
2	16/12/16	The .net framework		
3	17/12/16	Common Language Runtime		
4	19/12/16	C# introduction		
5	20/12/16	C# VB and the .Net language		
6	21/12/16	Types Objects and Namespaces		
7	22/12/16	the .Net class library		
8	23/12/16	advantages of managed code		
9	26/12/16	the C# language , The relationship of c# to .net		
10	28/12/16	Demonstration on program execution		
11	29/12/16	<u>Unit-II : C# Programming Language</u> Introduction to C# 2008		
12	30/12/16	Flow control and Exception handling		
13	02/01/17	Namespaces		
14	03/01/17	Concepts of Classes, objects, Struts		
15	04/01/17	Concepts of Object oriented programming in c#2008		

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16	05/01/17	Pointers																	
17	06/01/17	Delegates																	
18	09/01/17	Events																	
19	10/01/17	Demonstration on unit 2 points																	
20	11/01/17	Demonstration on unit 2 points																	
21	12/01/17	Unit-III : Windows Forms and Windows Presentation Foundation (WPF)																	
22	13/01/17	Windows Forms in C# 2008																	
23	16/01/17	Introduction to Windows Presentation Foundation																	
24	17/01/17	Working with WPF3.5 Control (Container, Simple, Content, Items controls)																	
25	18/01/17	Practical Demonstration on unit 3 points																	
26	19/01/17	Practical Demonstration on unit 3 points																	
27	20/01/17	Practical Demonstration on unit 3 points																	
28	23/01/17	Practical Demonstration on unit 3 points																	
29	24/01/17	Unit-IV : ASP.NET 3.5 and SilverLight																	
30	25/01/17	Introduction to ASP.Net 3.5 and web forms																	
31	27/01/17	Web server controls																	

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32	30/01/17	Navigation Controls																	
33	31/01/17	Login and Web Parts control																	
34	01/02/17	enhancing web application with silver light																	
35	02/02/17	e.g. on Web sever controls																	
36	03/02/17	e.g. on Navigation controls																	
37	06/02/17	e.g. on Login & Web parts controls																	
38	07/02/17	e.g. on Silverlight controls																	
39	08/02/17	<u>Unit-V : Services and Deployment</u>																	
40	09/02/17	ASP.Net 3.5 Web services																	
41	10/02/17	Introducing Windows Communication Foundation																	
42	13/02/17	Deploying																	
43	14/02/17	Web Application																	
44	15/02/17	Demonstration on unit 5 points																	
45	16/02/17	Demonstration on unit 5 points																	
46	17/02/17	Demonstration on unit 5 points																	
47	20/02/17	<u>Unit-VI : ADO.NET and LINQ</u>																	

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LAB EXPERIMENT LIST

Subject: AWT Laboratory		Class: SYMCA	Branch: Engg	Year: 2016-2017
SN	Name of Experiment			Software/ Hardware/ Equipment's Required
1	Demonstration of basic concept of C#			Windows 2010, Microsoft Visual Studio 2010 SQL Server
2	Demonstration of basic concept of C#			
3	Create console application to create a class called Student. Provide two methods accept and display which accepts the data and display the details of the student.			
4	Create C# Console application to create a class called Employee. Create a parameterized constructor for this class. Create five objects of this class using array and display the result.			
5	Create a Menu-driven console application which accepts to number from user and add, subtract, multiply and divide those two numbers to display the result. Use switch case to perform the operation.			
6	Create a class called employee. Derive three classes, Manager, Typist and worker from it. Employee should contain member variables call EmpNo, EmpName, Salary and Department. Employee class should contain two methods accept Data and display Data. Manager, Typist and worker should have its own variable called basic salary.			
7	Create ASP.Net page with login control and check the data from database. On successful login user should be directed to welcome page			
8	Develop ASP.net page to display web registration form and insert the data into database.			
9	Develop ASP.Net web form to display School Election format to Choose a President. Apply appropriate validations			
10	Write asp.net application to view data grid control and data source control in your application.			
11	Create students table programmatically using DataTable and DataSet class.			
12	Create ASP.Net application to perform CRUD operations using employee database. Fields in employee database will consist of Id, Name and salary.			
13	Write a web application that generates the "IndexOutOfRangeException" exception when a button is clicked. Instead of displaying the above exception, it redirects the user to customer error page. All the above should be done with the trace for the page being enabled.			
14	Create asp.net web service which accepts two nos from user and display addition, subtraction, division and multiplication of those numbers.			
15	Create asp.net application using ajax controls on web form.			