

Lesson Plan

Name of Faculty : Prachi, Assistant Professor of CSE
Discipline : Computer Science and Engineering
Semester : VII
Subject : .NET Technologies (CSE-305-L)
Lesson Plan Duration: 15 weeks
Work Load (Lecture/Practical) per week (in hours): Lectures-04 hours

Week	Theory		Topic covered date and remarks		Director principal
	Lecture Day	Topic (Including Assignment/Test)	Date	H.O.D	
1 st	1	Introduction to .NET framework, NET architecture			
	2	MSIL,CLR, CLS ,CTS, JIT			
2 nd	3	Basics and console applications in C			
	4	Constructor and destructor			
3 rd	5	ADO.NET benefits ,datasets , data binding			
	6	Data source controls			
4 th	7	Debugging and error handling			
	8	Data types , exploring assemblies , string manipulation			
5 th	9	The windows forms model			
	10	windows			
6 th	11	Visual inheritance in C.NET			
	12	Apply inheritance techniques to forms			
7 th	1st Minor Test				
8 th	13	Mastering windows forms			
	14	Handling multiple events , GDI +			
9 th	15	Working with web and HTML controls			
	16	Rich server controls			
10 th	17	Managing state			
	18	Preserving state in web applications and page level state			
11 th	19	Application state using the data list and repeater controls			
	20	Overview of list bound controls			
12 th	21	Creating a consistent web site			
	22	ASP.NET 5 themes			
13 th	23	Add a hyperlink to the grid			
	24	Creating and consuming web services			
14 th	2nd Minor Test				
15 th	25	Discovering web services using SOAP, DISCO			
	26	Advanced in .NET			

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Discipline : Computer Science and Engineering

Semester **VII**
 Subject : **.NET Technologies LAB**
 Lesson Plan Duration: **15 weeks**

Work Load (Lecture/Practical) per week (in hours): Lectures-04hours, Practical-02 hours

Week	Theory/ Practical (Group-I/ II)		Topic Covered Date and Remarks		
	Practical Day	Topics/ Programs	Date	HOD	Director-Principal
1 st	1	Write a program to check whether empty query string is entered in ASP.NET			
2 nd	2	Write a program to change colour of label text control programmatically in ASP.net			
3 rd	3	Write a program to enable/ disable text box and change width of text box programmatically in ASP.net			
4 th	4	Write a program to increase and decrease font size programmatically			
5 th	5	Write c # code to display asterisk pattern			
6 th	6	Write c# code to prompt a user to input his/ her name and country name and then the output			
7 th		Minor test 1st			
8 th	7	Write c# code to do the following -convert binary to decimal -convert decimal to hexa decimal			
9 th	8	Write c # code -convert decimal to binary - convert decimal to octal			
10 th	9	Write c # code to convert infix notation to postfix notation			
11 th	10	Write c# code to convert digits to words			
12 th	11	Write c # code to convert following currency conversion rupees to dollars , frank euro			
13 th	12	Write c # code to perform Celsius to fahrenheit conversion and Fahrenheit to Celsius conversion			
14 th		Minor test 2nd			
15 th	13	Write ASP.NET program to store objects in session state and storing session state in SQL server			

