

**SAINTGITS COLLEGE OF APPLIED SCIENCES**

**VALUE ADDED COURSES 2018-'19**

# ASP.NET

WEB-APPLICATION FRAMEWORK

PRINCIPAL  
Saintgits College of Applied Sciences  
Kottukulam Hills, Pathamuttom P. O.  
Kottayam-686 532, Kerala



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## ABOUT THE COURSE

ASP.NET course provides basic and advanced concepts of ASP.NET. This course is designed for B.C.A students who can thus learn how to build web base projects. Awareness of basic tools, validation, Database access, Sessions Views and Reports are covered in detail. ASP.NET is a web application framework developed and marketed by Microsoft to allow programmers to build dynamic web sites. It allows you to use a full featured programming language such as C# or VB.NET to build web applications easily.

## OBJECTIVES

ASP.NET value added course objective is to get familiarize with Microsoft.Net, C#, VB.NET and ASP.NET technologies. The .Net course is designed to understand the different concepts and features of .NET coding, debugging and developing of Windows and web applications. The advanced learner can opt for advanced ASP.Net Modules.

## EXPECTED OUTCOMES

- Create a Web form with server controls.
- Separate page code from content by using code-behind pages, page controls, and components.
- Display dynamic data from a data source by using Microsoft ADO.NET and data binding.
- Debug ASP.NET pages by using trace.

## DURATION

30 Hours

**ASP.NET**  
**IS FULL OF FEATURES**  
**AND PROVIDES AN**  
**AWESOME PLATFORM TO CREATE**  
**AND**  
**DEVELOP WEB APPLICATION**



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## FEATURES

- Server
- Controls Master Pages
- Working with data
- Membership
- Client Script and Client
- Frameworks Routing
- State Management
- Security
- Performance
- Error Handling

## RELEVANCE

ASP.NET is built into the familiar Windows server environment, requiring less setup and configuration than other web development platforms that must be installed and configured separately. The popularity of ASP.NET makes online resources and skilled developers easy to find.

Websites and applications built with ASP.NET can be faster and more efficient than a website build with PHP, for example. ASP.NET applications are compiled, which means the code is translated into object code, which is then executed. This compilation process takes a small amount of time, but happens only once. After compilation, the code can be executed over and over by the .Net platform very quickly.

## CONTENT

- Basic Tools
- Asp.Net Validation Controls and JavaScript Validation
- Designing Websites with master pages
- Using Rich Controls
- Data Controls
- Reports

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## ADVANTAGES

The ASP code and HTML smoothly mix with each other to generate dynamic web pages. WYSIWYG is an editor tool available in Visual studio.ASP.NET, with its advantages, is the next- generation platform of Microsoft's ASP. It is a widely used development framework for developing an enterprise level web application.

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## **SAINTGITS COLLEGE OF APPLIED SCIENCES**

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## ASP.Net Syllabus

### **Asp. Net User Interface Controls**

Displaying information, Label Controls, Literal Controls, Bulleted List, Accepting User Input  
Textbox controls, RadioButton and RadioButtonList Controls, CheckBox and CheckBoxList  
Controls, Button controls, LinkButton Control, ImageButton Control, Using Hyperlink Control  
DropDownList, ListBox, Displaying Images, Image Control, Image Map Control, Using Panel  
Control, Using Hyperlink Control

### **Asp.Net Validation Controls + Javascript Validation**

Required Field Validator Control, Regular Expression Validator Control, Compare Field  
Validator Control, Range Validator Control, Validation Summary Control, Custom Validator  
Control, Summary

### **Designing Websites with master pages**

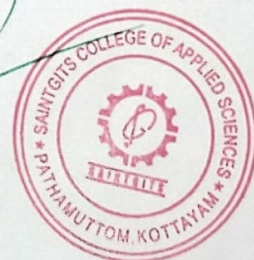
Creating master pages, Creating default contents, Nesting master pages, Registering master pages  
in web configuration, Summary

### **Using the Rich Controls**

Accepting File Uploads, Saving files to file system, Calendar Control, Displaying advertisements  
Displaying Different Page view, Displaying a Tabbed Page View, Wizard Control, Summary

### **Data Controls & Reports**

Gridview, Datalist, Detailslist, Formview, Sqldatasource, Accessdatasource, XMI datasource,  
Crystal Reports



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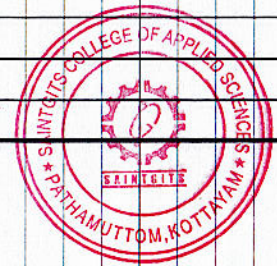
STUDENTS ATTENDANCE

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1	A. Prathibha	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2	Abisha Accamma	x	x	A	x	x	x	x	x	x	A	x	x	x	x	x
3	Adithyan Somanj	x	x	x	A	x	x	A	x	A	x	x	x	x	x	x
4	Aegis Iam Agth	x	x	x	x	x	x	x	A	x	x	x	x	x	x	A
5	Ahalym A	x	x	A	x	x	x	x	x	x	x	x	x	x	x	A
6	Ajay m. V	A	A	x	x	x	x	x	x	x	A	x	x	x	x	x
7	Akhila S	x	x	x	x	x	A	x	x	A	x	x	x	x	x	x
8	Akshaya Anil	x	x	A	x	x	x	x	x	x	A	x	x	x	x	A
9	Alan Sajju	x	x	x	x	x	x	x	A	A	x	x	x	x	x	A
10	Aleetha Clea	x	x	x	x	x	x	x	x	A	x	x	x	x	x	x
11	Alex Joseph	x	x	x	x	x	A	x	x	x	A	x	x	x	x	x
12	Allan Chertan	x	x	x	x	A	A	x	x	x	x	x	x	x	x	A
13	Amal C Buio	x	x	x	x	A	A	x	x	x	A	x	x	x	x	x
14	Ananthu v Nair (left)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
15	Andrew Thomas Titto	x	x	x	x	x	x	x	A	x	x	x	x	x	x	A
16	Angel Babu	x	x	x	x	x	x	x	A	x	x	x	x	x	x	A
17	Ajmu Basim	x	x	x	x	x	A	x	x	x	A	x	x	x	x	A
18	Ajmu M	x	x	x	x	x	x	x	x	x	A	x	x	x	x	x
19	Ashiq Muhammet	x	x	x	x	A	x	x	x	A	A	x	A	x	x	x
20	Asif Narshad (left)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
21	Aslam Shanavas	x	x	A	x	x	x	x	A	x	A	x	A	x	A	A
22	Aswin Kumar	x	x	x	x	x	x	x	x	x	x	x	x	x	x	A
23	Athina K. S	x	x	x	x	x	x	x	x	A	x	x	x	x	x	x
24	Athul Varghese	x	x	A	A	A	A	A	x	A	x	A	x	x	x	x
25	Basil Lips	x	x	A	x	x	x	x	x	x	x	x	x	x	x	x
26	Devika Saji	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27	Doney Sajan	x	x	x	x	x	x	x	x	x	x	x	x	x	x	A
28	Emmanuel Ipe	x	x	x	x	A	x	x	x	A	x	x	x	x	x	x
29	Fathima Asim	x	x	x	x	A	x	x	A	A	x	x	x	x	x	x
30	Francis Dams	x	x	A	x	x	x	x	x	A	x	x	x	x	x	x
Name of the Faculty & Signature		Arun Padmanathan														
		Arun Padmanathan														

Signature of the lecturer incharge

STUDENTS ATTENDANCE

Roll No	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	TA
Date	13	19	20	20	1	2	6	8	8	13	15	16	16	20	20		
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2	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
3	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
5	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
6	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
7	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
8	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
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15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
16	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
17	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
18	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
19	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
21	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
22	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
23	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
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25	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
26	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
27	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
29	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Name of the Faculty & Signature		Arun Padmanathan															



\*TA - Total Absent

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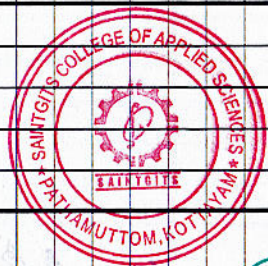
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		Hour	2	3	2	5	2	5	5	5	1	5	6	6	5	6
31	G W Jithesh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
32	Lavathi R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
33	Geetha Elu John	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
34	George P Eapen (Left)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
35	Gifty Joseph	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
36	Gokul krishna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
37	Gokul krishna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
38	Greeshma K Saseendran	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
39	Harishma Haridas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
40	Haritha Harikumar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
41	Jelna Susan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
42	Jibin B Philip	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
43	Jily P Joseph	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
44	Jishnu K R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
45	Joel Mammachen	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
46	Jubina Biju	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
47	Karthick T Des	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
48	Kennedy S Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
49	Mahesh Manikuttan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
50	Manoj Manoj	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
51	Mebin Kadanil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
52	Merlin Anna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
53	Nithil cherian	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
54	Nithul Abraham	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
55	Remu Rachel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
56	Reshmi Rajesh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
57	Rizwan Jaleel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
58	Roshan Abin Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
59	Sajin Koshy Kurian	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
60	Seenu V. S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Name of the Faculty & Signature																
Anu Padmanabhan																
<i>(Signature)</i>																

Signature of the lecturer incharge

*(Signature)*

STUDENTS ATTENDANCE

Roll No		2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
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X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Name of the Faculty & Signature																
<i>(Signature)</i>																



*(Signature)*

