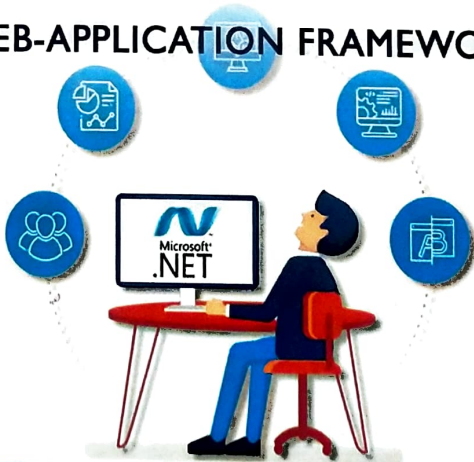# SAINTGITS COLLEGE OF APPLIED SCIENCES

VALUE ADDED COURSES 2017-'18

ASP.NET

WEB-APPLICATION FRAMEWORK

PRINCIPAL
Saintgits College of Applied Sciences
Kottukulam Hills, Pathamuttom P. O.
Kottayam-686 5__, Kerala

LEARN . GROW . EXCEL

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.
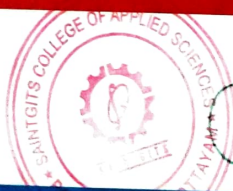
EXPECTED OUTCOMES

- 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

SAINTGITS
LEARN.GROW.EXCEL

Microsoft
ASP.net

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

LEARN . GROW . EXCEL

FEATURES

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

SAINTGITS
LEARN.GROW.EXCEL

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

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

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.

LEARN . GROW . EXCEL

SAINTGITS
LEARN.GROW.EXCEL

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

SAINTGITS COLLEGE OF APPLIED SCIENCES

Pathamuttom, Kottayam - 686532
Phone : 0481 - 2433787
e-mail : scas@saintgits.org, Web : www.saintgits.org

LEARN . GROW . EXCEL