

Preamble:

Today, ASP.NET is one of the most leading web application development frameworks and which are specially used to create dynamic websites. There are millions of the developers across the world and same as companies who provide the service of ASP.NET development.

It can help in different categories including the development of Business websites, social networking websites, and content management channel. One can even create web-based applications in accordance with business needs. One can even create a portal which can help solutions related to e-commerce and payment gateway integration. Some of the popular websites like Amazon.com, ebay.com, and several other websites use the framework of ASP server and without it, that work would not be possible.

ASP.NET developers are in demand and getting paid better after having perfect monitoring and increased experience in web development campaign. As .Net languages, developers works with multiple tools and they think more logical and able to adopt any programming framework tools immediately.

India is a now rapidly growing country in terms of web developing. Professional ASP.NET developers of the framework will be more in demand and will have the good future scope of ASP.NET in India. Nowadays more than half of website around the web is developed by active server pages tools which show the popularity of ASP.NET.

Objective:

This course is designed to provide the knowledge of Dot Net Frameworks along with ASP .Net and c#. After completion of the course the student will be able to use the features of dot net Framework along with the features of ASP .Net & C#.

Expected Job Roles

- DOT NET Developer
- IT Software Developer
- Software Engineer

Duration:

- 90 hrs. /6 Weeks
- 3hrs. Daily

Course Outline:

Sl. No	Module Title	Duration (Hours)		
		Theory	Lab	Total
1	Module1 – C#	12	18	30
2	Module 2 - Database	7	8	15
3	Module3 – ASP Dot Net and Website Development	14	16	30

4	Project	7	8	15
	Total Duration	40	50	90

Prerequisites:

-Knowledge of basic programming in C/C++

Eligibility:

12th pass/ ITI /Diploma/BE / B.Tech, MCA, MSc / BSc (IT / Computer Science /Electronics) pursuing or equivalent of any of these.

Online Theory / Practical Class Delivery Mode:

(Using any one of the following tools)

- NIELIT Web Conferencing tool using Jitsi.
- Cisco WebEx.
- Microsoft Team.
- Google Meet

E-contents, Presentations, Assignments, programs etc can be shared using E-mail/whatsapp/Google classroom

Training Fees:

Rs. 1000/-

Payment towards Course fee paid through:

Name : NIELIT Lucknow
Bank name : Punjab National bank
Account Number : 3926002105001894
IFSC Code : PUNB0392600

***Once Fees paid will not be refunded in any case**

Registration Process:

After fee payment a link of registration form will be provided to the students for Online Registration.

Examination:

1. The Student shall be completing the per day module after having self-assessment through daily quiz (05 MCQ), which shall be in line with the content covered per day.
2. There shall be an online test for assessment at the end of the course

Certificate:

NIELIT Lucknow will provide training certificate to all the participants after successfully completion of training program.

Detailed Syllabus and Learning Outcome:

S. No	Chapter Name	Course Outline	Duration (Hours)		Learning Outcome
			Theory	Lab	
1	Module1 – C#	1.1 .Net Framework and CLR, 1.2 Base Class Library, 1.3 Data Types, Statements, 1.4 Arrays, 1.5 Using Strings, 1.6 Objects, 1.7 Classes, 1.8 Structs, 1.9 Properties, 1.10 Inheritance, Polymorphism, 1.11 Overloading, 1.12 Overriding, 1.13 Namespaces, 1.14 Exception Handling, 1.15 Assemblies	12	18	After completion of this module, the candidate will be able to : <ul style="list-style-type: none"> • Understand about the working of .NET Framework • Understand about C# Language
2	Module 2 - Database	2.1 MSSQL Server, 2.2 Relational databases, 2.3 Creating Table, 2.4 Table, Editing and Updating table information, 2.6 SQL Query	7	8	After learning this module the participant will be able to <ul style="list-style-type: none"> • Understand about Database Server in .NET Framework
3.	Module3 – ASP Dot Net	3.1 Basic of HTML and	14	16	After completion of this module the participants will be able to

	and Website Development	CSS3, 3.2 Standard Controls, themes, skins, 3.3 Security Validation Controls, 3.4 Data Controls, 3.5 ADO .Net, 3.6 Sending Emails, 3.7 Master Pages, 3.8 Navigation Controls, 3.9 Grid View Control.			<ul style="list-style-type: none"> • Web designing in HTML • Web designing in ASP.NET • Security in ASP .NET Web Development
4.	Module4 – Project	4.1 Project	7	8	After attending this module the participants will be able to <ul style="list-style-type: none"> • Develop Minor Project in ASP.NET using C#.
Total Hours = 90			40	50	

Recommended hardware/software tools:

1. PC with software .NET Framework

Course Name	Certificate Course in ASP. Net with C#	Vertical	ASP. Net
Course Co-ordinator	Vishal Mourya	NIELIT Centre	Gorakhpur Extension Centre Lucknow
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