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Get Certified

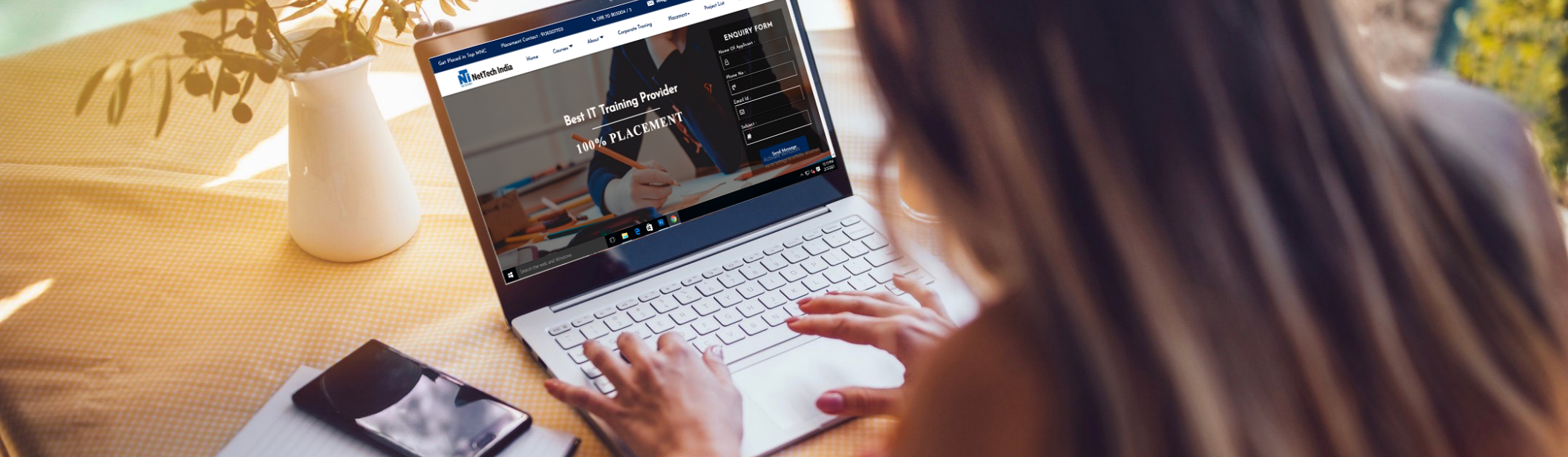🌐 https://nettechindia.com/

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ASP.net

.NET

CERTIFICATION

ABOUT US

NetTech India Training Institute offers a high-quality learning experience in the field of IT training to train students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in NetTech India. We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.

25% Theory

75% Practicals

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ABOUT
.NET CERTIFICATION

Net Tech Microsoft. NET is a course that entails all the concepts related to the .NET framework and the most popularly Microsoft Framework. Starting from the basics or fundamentals like console application to ASP.NET technology, we teach them all. At the end of the course, the students will gain mastery over asp.net MVC. After the completion of the course, the students will be able to understand Microsoft framework architecture, development of console application, the building of web application with MVC framework, OOP using C#NET, create and consume Ajax controls, working with a different type of asp.net controls.

ASP.net

BENEFITS OF
.NET CERTIFICATION

- Career Growth - Higher Pay & Position
- Encourages professional development
- Enriches self-image and reputation
- Enhances professional credibility.
- Abundant Job Opportunities
- Used In Many Industries
- Global Recognition
- Secure and Flexible
- 50+ Case Studies
- 10+ Projects

TABLE OF CONTENTS

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COURSE CONTENT

MODULE 1 C#.NET

- **.Net Training Course Objective**
- Learn the fundamentals of C# programming in Visual Studio.
- Using .Net Framework
- Working with variables, data types
- Work with standard programming skills
- Exception Handling in C#
- Object-oriented programming in C#
- Object-oriented techniques
- Working with Arrays
- Create Generic classes and methods.
- Collections in C#
- Generate and test your own classes using the Class Designer and Object Test Bench tools.
- Use delegate types to provide flexibility and type safety.
- Use anonymous types, lambda expressions, extension methods, object initializers, and
- implicit type declarations

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C# Syllabus MS.NET Framework

- The .NET Framework - an Overview
- Framework Components
- Framework Versions
- Types of Applications that can be developed using MS.NET
- MS.NET Base Class Library
- MS.NET Namespaces
- MSIL / Metadata and PE files.
- The Common Language Runtime (CLR)
- Managed Code
- MS.NET Memory Management / Garbage Collection
- Common Type System (CTS)
- Common Language Specification (CLS)
- Types of JIT Compilers
- Security Manager

And Many More...

MODULE 2 ASP.NET

Introduction to ASP.NET

- From ASP to ASP.NET
- WebForms
- Web Services
- ASP.NET Features

WebForms Architecture

- Page Class
- WebForms Life Cycle
- WebForms Event Model
- Code-Behind

ASP.NET and HTTP

- Request/Response Programming
- HttpRequest Class
- HTTP Collections
- HttpResponse Class
- Redirection
- HttpUtility Class

Web Applications Using Visual Studio

- Using Visual Web Developer
- Visual Studio Forms Designer
- Using Components
- Shadow Copying
- Using the Global.asax File

State Management and Web Applications

- Session State
- Application State
- Multithreading Issues
- Cookies

Server Controls

- WebForms Server Controls
- Rich Controls
- Validation Controls
- User Controls

Caching in ASP.NET

- What Is Caching
- Page-Level Caching
- Page Fragment Caching
- Optimizing Your ASP.NET Application

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- Application Caching

ASP.NET Configuration and Security Fundamentals

- Configuration Overview
- Authentication and Authorization
- Forms Authentication
- Windows Authentication
- Security and ASP.NET

Debugging, Diagnostics, and Error Handling

- Debugging
- Application Tracing
- Page Tracing
- Error Handling

More Server Controls

- Most recent ASP.NET Controls
- Menus
- Master Pages

ADO.NET and LINQ

- NET Data Providers
- Connections
- Commands

- DataReaders and Connected Access
- Data Sets and Disconnected Access
- Language-Integrated Query
- Data Access in ASP.NET
- Data Source Controls
- Connection String Storage
- GridView
- DetailsView
- FormView
- Object Data Sources
- ListView
- DataPager
- LinqDataSource

Personalization and Security
- Configuration Overview
- Themes
- Skins
- Security in ASP.NET
- Membership and Roles
- Login Controls
- User Profiles

Introduction to ASP.NET AJAX

- Rich Client Applications
- AJAX
- ScriptManager
- UpdatePanel
- AJAX Client Library
- Remote Method Calls
- AJAX Control Toolkit

And Many More...

Module 3 MVC 6.0 in .Net

- ASP.NET Core MVC in Context
- Your First MVC Application
- The MVC Pattern, Projects, and Conventions
- Essential C# Features
- Working with Razor
- Working with Visual Studio
- Unit Testing MVC Applications
- SportsStore: A Real Application
- SportsStore: Navigation
- SportsStore: Completing the Cart
- SportsStore: Administration
- SportsStore: Security and Deployment
- Working with Visual Studio Code
- Configuring Applications
- URL Routing
- Advanced Routing Features
- Controllers and Actions
- Dependency Injection
- Filters
- API Controllers

- Views
- View Components
- Understanding Tag Helpers
- Using the Form Tag Helpers
- Using the Other Built-in Tag Helpers
- Model Binding
- Model Validation
- Getting Started with Identity
- Applying ASP.NET Core Identity
- Advanced ASP.NET Core Identity
- Model Conventions and Action Constraints

And Many More...

WHO CAN LEARN ?

- Professionals who are interested to learn the .NET Programming Language

- Professionals who are looking to get certified in relevant .NET Certification Exams

- Web Developers, University Students, Computer science graduates, .NET programmers, Aspiring developers,

- App developers, Software engineers, Software developers, Senior developers, Senior software engineers

- Web designers, UX designers, DevOps engineers

CAREER OPPORTUNITIES

- Software Programmer
- .NET Developer
- .NET Professional
- .NET Trainer
- C# Developer
- Database Administrator
- Software Developer
- Web Developer
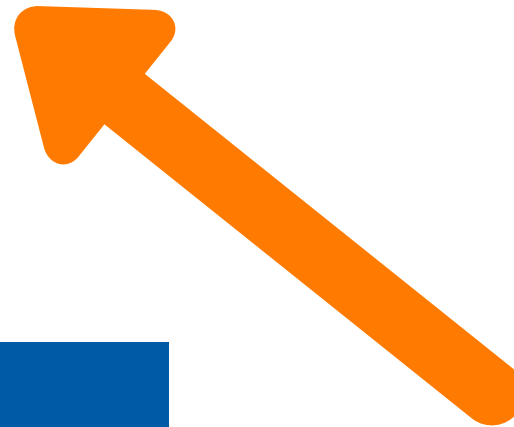- Researcher

And Many More...

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PROCESS FOR SUCCESS

GET PLACED

GET TRAINED

ENROLL

FACILITIES OFFERED

→ Practical Training on Live Projects

→ 100% Placement Guarantee

→ Interview Preparation

→ Global Certification

→ Fully functional labs

→ Online / OfflineTraining

→ Study Materials

→ Expert level industry recognized training

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