



ASP.NET Core with Angular 10

We are proud to say that Hope Tutors is the top and best ASP.NET Core Training Center in Chennai. The ASP.NET Core with Angular 10 Course is designed for .NET Beginners as well as professionals who are already working in .Net platform, who want to learn how to develop modern cloud-based web applications using ASP.NET Core framework and MVC design pattern.

It is cross-platform and Light-weight and supports Linux, Windows, and Mac platform. This course is designed to ensure that you learn and master the concepts of ASP.NET Core by giving hands-on real-time project development training.

Our ASP.NET Core with Angular 10 Training course is designed as per current industry requirements so that by the end of this course, you can develop applications with latest technologies. This course will help you understand how to successfully manage an API and apply it to support a dynamic single-page application.

Our .NET Core Training Institute in Chennai, Velachery have well-experienced trainers, who have got more than 8+ years of industry experience and have developed various web-based applications and services. Our in-house ASP.NET Course trainer has trained and placed over 100's of professionals.

Our ASP.NET Core with Angular 10 Training Course is 100% real-time with assured placement. We offer placement assistance after the completion of this course. We help you to prepare your resume and provide mock interviews without any extra charges. We also provide both classroom training as well as online training based on requirements. For full details of all our ASP.NET Core Training Course in Chennai, please fill out the form on right side or feel free to call us



Best Online ASP.NET Core Training

Online training has become an easy mode to learn by sitting in your location. Hope Tutors is well equipped with Trainers and Technology to provide best online ASP.NET Core Training to you. We assure that you master in ASP.NET Core with our training.

Who should attend ASP.NET Core Training

- Fresher who have basic knowledge of C#
- IT Professionals
- Developers
- Designers

Job Opportunity ASP.NET Core

- Professionals and Students with good ASP.NET Core knowledge are in high demand in many leading IT companies. Whether you want to fast-track your career with a high salary or looking for a job abroad, learning ASP.NET Core is an ideal choice.

ASP.NET Core Course Certification

- We will provide you ASP.NET Core Course Training and Certification under the name of Hope Tutors. Reach us today through call/ email/chat to know more about our ASP.NET Core Training Course in Chennai, Velachery. Hope Tutors wishes you good luck for your career growth.

Related Courses

- Best Dot Net MVC Training in Chennai with Placement
- Best ASP Dot NET Training in Chennai with Placement
- Best Dot Net WCF Training in Chennai with placement

ระยะเวลาอบรม

- 5 วัน / 30 ชม.

ราคาคอร์สอบรม

- 12,500 บาท / ท่าน (ราคานี้ยังไม่รวมภาษีมูลค่าเพิ่ม)



รายละเอียดหลักสูตร

Module 1: Introduction to .NET Core

- ส Overview of .NET Core
- ส Framework Architecture and Advantages
- ส .NET Core Supports
- ส .NET App Model

Module 2: .NET CLI

- ส Working in DNX, DNVM, DNU
- ส Introduction to .NET CLI and CLI Commands

Module 3: Introduction to ASP.NET Core

- ส Understanding ASP.NET Core
- ส ASP.NET Core Features
- ส Detailed Understanding in ASP.NET Core 1.0, ASP.NET MVC5 and ASP.NET WebForms

Module 4: Model, View, Controller & Actions

- ส Model, View and Controller
- ส Types of Views
- ส Creating Controller
- ส Communication between Controller and View

Module 5: Razor View Engine

- ส Understanding Razor View Engine
- ส Razor View Engine vs. Web Form Engine
- ส Razor Syntax and Razor Statements, Loops etc.

Module 6: Routes & URLs

- ส Introduction to Routing
- ส Defining Routes



- ส Attribute Routing

Module 7: Helpers

- ส Understanding Html Helpers
- ส Tag Helpers, Inline Helpers, Custom Helpers and URL helpers

Module 8: Server-side Data Receiving Ways

- ส Action Parameters
- ส View Models/Objects
- ส FormCollection

Module 9: Reusable UI Components

- ส Creating ViewModel
- ส Understanding ASP.NET Core MVC Validation
- ส Need of Server Side and Client Side Validation
- ส Validation with Data Annotation
- ส Custom Server and Client side validation

Module 10: Data Passing Techniques

- ส ViewData, ViewBag and TempData
- ส Session
- ส Query String
- ส Cookies
- ส LINQ Fundamentals
- ส Understanding LINQ
- ส Advantages of LINQ
- ส Query Based Syntax and Method Based Syntax
- ส Deferred Execution vs. Immediate Execution
- ส SQL Joins with LINQ
- ส Lazy Loading vs. Eager Loading



Module 11: LINQPad

- ส Understanding and Configuring LINQPad
- ส LINQPad Querying SQL Server database
- ส LINQPad Querying DAL layer DLL using

Module 12: Introduction to Entity Framework Core

- ส ORMs used with .NET
- ส EF6 vs. EF Core
- ส Advantages of Entity Framework

Module 13: Database Migration, DB Procedures and Functions

- ส Entity Framework Code First Migrations
- ส Updating Database when the Model Changes
- ส Calling Stored Procedures and functions
- ส Code First with existing Database

Module 14: Repository Design Pattern and Unit of Work Design Patterns

- ส Understanding Repository and UOW Design Pattern
- ส Need of Repository Design Pattern
- ส Need to Unit of Work Design Pattern
- ส Implementing Repository and UOF Design Pattern

Module 15: Dependency Injection

- ส Understanding Dependency Injection
- ส Need of Dependency Injection
- ส Implementing DI

Module 16: Introduction to TypeScript Data Types and Variables

- ส Issues with Plain JavaScript
- ส Introduction to TypeScript



- ส Advantages of TypeScript
- ส Getting Started with TypeScript
- ส TypeScript Data Types
- ส Variable declaration

Module 17: Classes and Interfaces

- ส Classes
- ส Access Modifiers
- ส Constructor
- ส Inheritance

Module 18: Introduction to Angular 2 & Angular 10

- ส Introduction to Angular
- ส Advantages of Angular
- ส Overview of Angular 10

Module 19: Angular 10

- ส Setting up an Angular App
- ส Running an Angular App
- ส Understanding Angular folder structure
- ส Angular Initialization Process

Module 20: Components, Modules, Decorators

- ส Understanding Component
- ส Creating a Component
- ส Understanding Modules
- ส Understanding Decorators

Module 21: Angular CLI

- ส Introduction to CLI
- ส Creating new project – ng new



- ส Building Project – ng build and ng serve
- ส Ng CLI options
- ส Creating components, services and directives etc.

Module 22: Data binding

- ส Understanding Data Binding
- ส Attribute Binding
- ส Two-way Data Binding
- ส Event Binding etc.
- ส Choosing Appropriate Data Binding

Module 23: Routing

- ส Understanding Routing
- ส Defining Routes
- ส Routing Building Blocks – Routes, Router Outlet and Router Link

Module 24: Directives

- ส Introduction to Directives
- ส Built in Directives – ngIf, ngFor, ngSwitch etc.
- ส Creating Custom Directives

Module 25: Pipes and Components

- ส Introduction to Pipes
- ส Angular Built-In Pipes
- ส Creating Custom Pipes
- ส Nested Components
- ส Data sharing between nested components
- ส Components Life Cycle Hooks

Module 26: Angular Forms and Controls

- ส Introduction to Angular Forms



- ส Types of Angular Forms – Template Driven and Model Driven
- ส Template Driven vs. Model Driven

Module 27: Model Driven Form

- ส Angular form input controls
- ส Angular form validation
- ส Angular form and controls properties

Module 28: Introduction to Web API

- ส Introduction to SOA and REST
- ส REST Principles
- ส Understanding Web API
- ส Choosing between WCF and WebAPI

Module 29: Angular SPA

- ส Setting Up Angular App using Visual Studio
- ส Building and Running Angular using Visual Studio
- ส Consuming Web API using Angular

Module 30: ASP.NET Core MVC Authentication: Identity

- ส ASP.NET Core MVC Authentication Options
- ส Introduction to Identity
- ส Implementing Identity

Module 31: ASP.NET Core MVC Pipeline, Middleware and Filters

- ส Exploring ASP.NET Core Pipeline
- ส ASP.NET Core MVC Middleware
- ส ASP.NET Core MVC Filters
- ส Extending ASP.NET Core MVC Filters
- ส Configuring ASP.NET Core MVC Filters
- ส Securing ASP.NET Core MVC App



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COURSE OUTLINE

รายละเอียดหลักสูตรอบรม

- ส Implementing Authorization using Authorization Filter
- ส Passing Logged in User Info Across the App