



Course Content

Starts with C language..

Introduction of C programming

Printf and Scanf Functions
Conditional Statements
Looping-Pattern Statements
Introduction to Array
One and Two Dimension Array
String Manipulation and Functions
User Define Functions(UDF)
Pointer-Structure with Examples
File Handling

Now go for...

HTML 4 & HTML 5 + DHTML + CSS introduction

Introduction to HTML 4.
Introduction to CSS 3.
Designing Basic Layout using HTML+CSS.
Editing existing Layout of HTML+CSS.
Javascript combination with HTML+CSS call DHTML.
Creating Full/Semi Responsive website using HTML 5.
Create Layout for Mobile, Tablet also.
Create 3 to 4 Layouts using HTML 5.

Javascript + JQuery

Introduction to Javascript.
Client-side validation using Javascript.
Introduction to JQUERY.
How and Where to replace JQuery with Javascript.

Then...

Introduction to .NET Framework

Explore NET Framework 4.5
Understand Common Language Runtime
Understand the role of CTS and CLS Learn about Base Class Libraries
Difference between Managed Code and Unmanaged Code

Core C# Programming

Working with Console Class (Input and Output)
Learn how to create C# Data Type and Variable
Learn about Data Type Conversions Working with Operators
Creating Conditional and Looping Constructs and Array
Implementing Methods and Parameters
See how to use Named and Optional Parameters
Explain the Difference between Value Types

Object Oriented Programming

Creating Class and Object
Explore OOP Features with examples
Working with Constructor and Destructor
Learn about Modifiers and Access Specifiers
Learn how to use Abstract Class and Interface
Developing Namespaces and Assemblies Using Exception Handling Working with File I/O Operations

Designing and Implementing

Databases with MS SQL Server 2012
Familiarizing SQL Server 2012
Creating Tables and Constraints
Implement Aggregate Functions, Order by and Group by Join and Sub Query
Creating Stored Procedures Backup, Restoring & Moving a database

ADO.NET

Learn about Data Binding
Create Database Application (Data Reader and Dataset)
Grid View & Data Controls
Learn how to use XML and ADO.NET

CSS 3

Define CSS3
Type of Selectors
Use Box Model
Implement Backgrounds and Borders
Use Text Effects Working with Multiple Columns
Explore User Interface

ASP.NET Web Application Development

Web Application Fundamentals
Standard Web Controls & Events
Working with Navigation Controls
Rich Server and Validation Controls
Create Web User Control

State Management

Create & manipulate
Managing Session

Implementing View State
Create and manipulate Query Strings
Managing Cookies

Customizing Web Applications

Implementing Themes and Skins
Implementing Web User Control
Master Pages and Content Pages
Using Site Map Control

Advanced technologies in ASP.NET

Introduction to Ajax.net
Introduction to WCF.
Introduction to XML.net
XML to DB and DB to XML.

C# Advanced Features

Working with Delegates and Events
Creating Collections and Generics
Learn about Language Integrated Query (LINQ)
Create Private and Shared Assemblies
Explore Dynamic Types and DLR
Creating Processes and AppDomains
Threading and Multi Threaded Application
Create and implement Object Serialization

New Features in NET 4.5

Authentication and Authorization

Explain about Authentication and Authorization
Describe Anonymous Authentication
Understand Windows Authentication
Learn how to use Forms Authentication

Using Entity Framework

Generating and Querying an Entity Data Model (EDM)
Querying data using object Services
Customizing the Entity Data Model

MVC 4-5

Creating MVC Models
Creating a Data Repository
Implementing MVC Controllers
Implementing MVC Views

Live Project

Create Live Project Based on MVC and using Other .net concepts.

Duration : 6 Months

Eligibility : Anyone can join

Available Batches : Regular Batch -> Monday-Saturday

WeekEnd Batch -> Saturday and Sunday

Fast-Track Batch -> 4 to 5 hrs daily

Present & Future Scope

Got placements in Mid and Large size co.s
Working as Freelancer or Part-time for other companies also.
Student Placement track record is 100%.
Every software co. must require Web Developer.
Experienced Developer got more salary than Designer.
We are famous as Diploma in web development training institute in ahmedabad.

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