

Dot net Course Details

By [Besant Technologies](#)

Course Name	Dot net
Category	Microsoft
Venue	Besant Technologies
Address	No.24, Nagendra Nagar, Velachery Main Road, Velachery, Chennai – 600 042 Landmark – Opposite to Phoenix Market City
Official URL	Dot net Training
Demo Classes	At Your Convenience
Training Methodology	30% Theory & 70% Practical
Course Duration	35-40 Hours
Class Availability	Weekdays & Weekends
For Demo Class	Call - +91-996 252 8293 / 94 Email ID – besanttech@gmail.com

Why Besant Technologies?

- Training by highly experienced and certified professionals
- No slideshow (PPT) training, fully Hand-on training
- Interactive session with interview QA's
- Real-time projects scenarios & Certification Help
- Most competitive & affordable course fees
- Placement support for all courses
- List of established & satisfied clients & students ([Visit our website for reviews](#)).

Dot net Training Outline

.Net Framework

- CLR, CLS & CTS
- Compilation process in .NET
- Assemblies & Versioning

C#

- Language Syntax
- Data Types, Variables & Operators
- Conditional Statements & Looping Structures
- Garbage Collection and Finalization
- Exception Handling

Classes & Objects

- Classes and Objects
- Abstract Classes and Interfaces
- Constructors and Destructors
- Structures, Enumerations
- Boxing & Unboxing

OOPS

- Encapsulation
- Inheritance
- Polymorphism
- Data Abstraction

Namespace

- Namespace, Nested Namespace
- Delegates & Events
- Properties, Indexer & Indexer Overload
- Errors and Exceptions

Arrays, Collections & Generics

- Single Dimension Array, Multi Dimension Array
- Collections
- Generic Collections

File I/O and Streams

- Working with Directories and Files
- Read and write file

Remoting & Reflection

- Application Domain
- MarshalByRef Object

- Typeof

SQL Server

- Introduction
- DML DDL Functions
- Joins & Views
- Functions & Stored Procedure
- Triggers & Cursors

ADO.NET (Working with Database)

- Overview of ADO.NET
- Connected vs Disconnected Architecture
- Data Connection Object
- Data Command Object
- Data Adapter Object
- Data Readers
- Data Sets & Data Adapters
- Structure of Dataset
- Execute Non Query
- Execute Reader
- Execute Scalar

ASP.NET 4.0

- Introduction to Web Programming
- Client / Server Technology
- Understanding Web Server IIS

Page Life Cycle

- Global.asax
- Web.config
- Intrinsic Objects in ASP.net

Web Form-

- Web Control Class
- Creating Web Forms Application
- Handling Images
- Navigating between Pages
- Managing Server Controls
- Server Control Events
- Using HTML Controls
- Using Data Controls
- Repeater Control

Validation Controls:-

- ASP.net validation controls
- Configuring validation controls

State Management

- Preserving State in Web Applications
- Using Cookies to Preserve State
- ASP.NET Session State
- Application State

User Controls

- Creating User Controls
- Interacting with User Controls
- Loading User Controls Dynamically

Master Pages & Themes

- Simple Master Page Nested Master Page
- Configuring Master Page Creating Themes
- Applying Themes
- Applying Stylesheet

Uploading Files

- Using FileUpload Control
- Setting the location and filename to upload the files

Handling Emails

- Protocols for Email
- Sending Mails
- Managing Attachments

ASP.NET Web Services

- Introduction to XML Web services
- Creating Web Service
- Setting the Web Service Attribute
- Test and Run Your Web Service
- Consuming a Web Service in Client Application
- Consuming a Third Party Web service

Deployment

- Publishing Web Applications.
- Create Web Setup Project.