

## Diploma in Advanced Dot Net MVC

### Objective of the Course:

At the end of this module, student will be able to:-

- Design a web application based on business requirements, develop MVC models, controllers and views, optimise the design for discoverability by search engines and secure the application.

### Learning Outcomes:

At the end of this Course, you will be able to:

Confidently develop MVC applications taking advantage of the Entity Data Model and to integrate it with the Windows Communication Foundation, as well as take advantage of the Spring .NET technology

**Duration of the Course**      200 hrs  
(in hours)

### Appr. Fees (INR):

**Minimum Eligibility**              Knowledge of Dot net  
**Criteria and pre-requisites, if any**

### Outline of Course

S. No	Topic	Minimum No. of Hours
1	Review of Dot Net framework	05 hrs
2	ASP.Net and C#	15 hrs
3	C# Programming constructs	10 hrs
4	Controls	10 hrs
5	Database	10 hrs
6	Introduction to MVC (Model View Controller)	05 hrs
7	Modelling ASP MVC APP & Architecture	12 hrs
8	C++ features	18 hrs
9	Lin Q to objects	10 hrs
10	Routing systems, controllers & actions	15 hrs
11	Filters	07 hrs
12	Views	13 hrs
13	Model building	10 hrs
14	Security and unobtrusive Ajax	10 hrs
15	Projects	50 hrs
	<b>Theory / Lecture Hours:</b>	75 hrs
	<b>Practical / Tutorial / Lecture Hours:</b>	125 hrs
	<b>Total Hours:</b>	200 hrs

## Short Term Courses – NIELIT

**Books recommended  
for reference and  
reading:**

Pro ASP NET MVC 3 Framework 3<sup>rd</sup> edition

**Group Code:** DNET

**Group Name:** Dot Net Technologies

**Course Code:** DP01

**Course Name:** Diploma in Advanced Dot Net MVC