

## Short Term Courses – NIELIT Delhi Centre

### Asp .Net and VB. Net with project

#### Objective of the Course:

- Create web based applications
- Use different server controls to create rich user interactive web sites
- Use different techniques of State management
- Access data from the database in data bound controls on the web page
- Apply master page to different pages in the web site

#### Learning Outcomes:

- Create a rich GUI for web based application using a rich set of controls
- Create secure (authentication and authorization) web applications
- Personalize a web page using Web Parts
- Create asynchronous web applications using ASP.NET AJAX
- Create and use web services
- Deploy web applications

**Duration of the Course (in hours): 80 hours**

#### Minimum Eligibility Criteria and pre-requisites, if any

undergoing / Graduation with knowledge of any programming Language.

#### Outline of Course:

S. No.	Topic	Hours
	Dot Net framework, Using ASP.net and VB. Net ,	06 hrs
	OOPs concept using VB.NET	08 hrs
	Controls in ASP. Net & ASP. Net objects	10 hrs
	Master pages, Themes , Skins, User control, Ajax Control Tool kit	06 hrs
	Validation controls & security	06 hrs
	Database concepts	05 hrs
	Data controls, classes, objects, DLL's	10 hrs
	Publishing & Deploying Web App	04 hrs
	Membership service	05 hrs
	Projects	20 hrs
<b>Theory / Lecture Hours:</b>		30 hrs
<b>Practical / Tutorial / Lecture Hours:</b>		30 hrs
<b>Project</b>		20 hrs
<b>Total Hours:</b>		80 hrs

**Books recommended for reference and reading:**

Complete Reference guide VB.Net, Pro Dot Net., Dot Net Unleashed, Microsoft SQL

**Group Code:** DNET **Group Name:** Dot Net Technologies

**Course Code:** CP01 **Course Name:** Certificate Course in Asp .Net with VB. Net