		CS-26 Programming With ASP.NET		
Sr. No	Topic	Detail	Weightage In %	Approx. Lectures
1	**Framework And Web Contents Validation Controls**	• Overview of Asp.NET Framework • Client Server Architecture • Application Web Servers • Installation of IIS server • Types of Files in Asp.NET • Types of controls in Asp.NET • Page Architecture, Adding Controls to a Webpage • The Page Class • Webfor • Introduction to standard Controls (Buttons, Textbox, Checkbox, Lable, Panel, Listbox, Dropdownlist etc.) • Running an Asp.Net Application, File Upload Control • What is Validation? • Client Side Validation • Server Side Validation • Types (RequieredField Validator, Range Validator, CompareField Validator, RegularExpression Validator, Custom Validator, ValidationSummery Control)	20	12
2	**State Management**	• What is State? • Why is it Required in Asp.Net? • Client Side State Management • Server Side State Management • Various State Management Techniques (View State, Query String, Cookie, Session State, Application State)	20	12
3	**ADO.NET And Database**	• Architecture of ADO.NET • Connected Architecture • DisConnected Architecture • ADO.NET Classes (Connection, Command, DataReader, DataAdapter, DataSet, DataColumn, DataRow, DataConstraints, DataView etc.) • The Gridview Control, The Repeater Control • Binding Data to DataBound Controls, • Diplaying Data in a webpage using SQLDataSource Control	20	12

		• DataBinding Expressions		
4	**Master Pages and Theme Caching, Application Pages And Data**	• What is Master Page ? • Requirement Of a Master Page in an Asp.NET application • Designing Website with Master Page, Theme and CSS • Overview • Page Output Caching • Partial Page Caching, Absolute Cache Expiration • Sliding Cache Expiration • Data Caching	20	12
5	**Working With XML Asp.NET Application Configuration and Deployment of Application**	• Reading Datasets From XML • Writing DataSets With XML • WebServices (Introduction, HTTP, SOAP, UDDI,XML, Creating a Web Servic, Consuming a Web Service) • Introduction To Web.Config • Common Configuration Sections • AppSettings • Tracing • Custom Errors • Authentication And Authorization • Deployment of Application in web server	20	12
		Total	100	60

Reference Books :

(1) Asp.Net – Unleashed
(2) Asp.Net – Wrox Publication
(3) Programming With ASP.NET [ISBN: 978 - 81 - 909634 - 7 – 3] by Bharat & Company
(4) Beginning.ASP.NET.3.5.in.C.Sharp.2008.From.Novice.to.Professional - Apress