



	<ul style="list-style-type: none"> <li>○ Telephone option</li> <li>○ Protocol option</li> <li>○ Service option</li> </ul>	
	<ul style="list-style-type: none"> <li>● Switching: <ul style="list-style-type: none"> <li>○ Circuit switching</li> <li>○ Packet switching</li> <li>○ Message switching</li> </ul> </li> <li>● Routers</li> <li>● Gateways</li> <li>● Current trends on internet <ul style="list-style-type: none"> <li>○ Iphone</li> <li>○ VOIP</li> <li>○ Internet video</li> <li>○ E-commerce</li> <li>○ Wireless communication</li> <li>○ Collaborative computing</li> <li>○ Podcasting</li> <li>○ Video conferencing</li> </ul> </li> <li>● Interactivity tools( Overview ) <ul style="list-style-type: none"> <li>○ ASP</li> <li>○ ActiveX control</li> <li>○ VB script</li> <li>○ Java script</li> <li>○ Front page</li> <li>○ Flash</li> </ul> </li> <li>● Multimedia and animation</li> <li>● WWW <ul style="list-style-type: none"> <li>○ Evolution of web</li> <li>○ Basic element of www</li> <li>○ Web browsers</li> </ul> </li> </ul>	5 hrs
<b>2</b>	<b>Internet Applications and Services</b>	<b>10 hours</b>
	<ul style="list-style-type: none"> <li>● E-Mail <ul style="list-style-type: none"> <li>○ Introduction</li> <li>○ E-mail System</li> <li>○ E-mail Protocols</li> <li>○ About E-mail addresses</li> <li>○ Structure of E-mail Message</li> <li>○ E-mail clients and server</li> <li>○ Mailing list</li> <li>○ E-mail security</li> </ul> </li> </ul>	2 hrs
	<ul style="list-style-type: none"> <li>● Remote Login</li> <li>● Telnet <ul style="list-style-type: none"> <li>○ Introduction to Telnet</li> <li>○ Telnet Client</li> <li>○ The Telnet protocol</li> <li>○ Telnet emulation</li> </ul> </li> </ul>	4 hrs

	<ul style="list-style-type: none"> <li>• File Transfer Protocol <ul style="list-style-type: none"> <li>○ Introduction</li> <li>○ Types of FTP server</li> <li>○ FTP software</li> <li>○ Types of search(match)</li> </ul> </li> <li>• Search engines <ul style="list-style-type: none"> <li>○ Introduction</li> <li>○ Criteria</li> <li>○ Search Agent</li> <li>○ How to register to search engine</li> <li>○ About Popular search engines</li> </ul> </li> </ul>	
	<ul style="list-style-type: none"> <li>• USENET <ul style="list-style-type: none"> <li>○ NEWS group hierarchies</li> <li>○ News reader</li> <li>○ Who administers</li> <li>○ Common task of news readers</li> <li>○ Relation between news &amp;e-mail</li> </ul> </li> <li>• Chatting &amp; IRC <ul style="list-style-type: none"> <li>○ Client software</li> <li>○ Chat server</li> <li>○ IRC network</li> </ul> </li> <li>• Internet Security <ul style="list-style-type: none"> <li>○ Overview</li> <li>○ Aspect &amp; needs of security</li> <li>○ E-mail security</li> <li>○ Web security</li> </ul> </li> <li>• VPN <ul style="list-style-type: none"> <li>○ Introduction</li> <li>○ Connection</li> <li>○ Protocol</li> <li>○ Client</li> </ul> </li> <li>• Firewall <ul style="list-style-type: none"> <li>○ Types</li> <li>○ Firewall with GUI</li> <li>○ Choosing a suitable firewall</li> <li>○ Advantage</li> <li>○ Drawback</li> </ul> </li> </ul>	4 hrs
<b>3</b>	<b>Introduction to HTML</b>	<b>10 hours</b>
	<ul style="list-style-type: none"> <li>• HTML <ul style="list-style-type: none"> <li>○ Introduction</li> <li>○ HTML document structure</li> <li>○ Adding text in newline(&lt;Br&gt;&lt;/BR&gt; )</li> <li>○ Creating heading (&lt;h1&gt;&lt;/h1&gt; to &lt;h6&gt;&lt;/h6&gt;).</li> <li>○ Creating a paragraph (&lt;P&gt;--&lt;/P&gt;)</li> <li>○ Creating a horizontal ruler (&lt;HR&gt;--&lt;/HR&gt;)</li> <li>○ Sub Script, Super Script, Text</li> </ul> </li> </ul>	6 hrs

	<ul style="list-style-type: none"> <li>Alignment(&lt;align&gt;---&lt;/align&gt;)</li> <li>o Formatting Of text (&lt;B&gt;, &lt;U&gt;, &lt;I&gt;)</li> <li>o Font tag</li> <li>o Grouping of text (&lt;Div&gt;---&lt;/Div&gt;, &lt;Span&gt;---&lt;/Span&gt;)</li> <li>o Indenting Quotation( &lt;Block quote&gt;---&lt;/Block quote&gt;)</li> <li>o Scrolling text&lt;marquee&gt;---&lt;/marquee&gt;)</li> <li>o Working with Character entity / Special character</li> <li>o HTML Comments</li> </ul>	
	<ul style="list-style-type: none"> <li>• Working with list: <ul style="list-style-type: none"> <li>o Order list</li> <li>o Unordered list</li> <li>o Definition list</li> </ul> </li> </ul>	2 hrs
	<ul style="list-style-type: none"> <li>• Working with table: <ul style="list-style-type: none"> <li>o Creating table</li> <li>o Specifying caption</li> <li>o Table headings</li> <li>o All table related Tags &amp; attributes.</li> </ul> </li> </ul>	2 hrs
<b>4</b>	<b>Advanced HTML</b>	<b>10 hours</b>
	<ul style="list-style-type: none"> <li>• Working with Frames: <ul style="list-style-type: none"> <li>o &lt;frameset&gt;-----&lt;/frameset&gt; &amp; all attribute of tag</li> <li>o &lt;Frame&gt;-----&lt;/frame&gt; &amp; all attribute of tag(including target attribute)</li> </ul> </li> </ul>	3 hrs
	<ul style="list-style-type: none"> <li>• Working with Links: anchor tag with its entire attribute.</li> <li>• Working with Images: <ul style="list-style-type: none"> <li>o &lt;img&gt;---&lt;/img&gt; &amp; all its Attributes</li> <li>o Creating Image maps (&lt;map&gt;---&lt;/map&gt; &amp; &lt;area&gt;---&lt;/area&gt;) and their attributes</li> </ul> </li> <li>• Working with multimedia: Sound &amp; video</li> </ul>	3 hrs
	<ul style="list-style-type: none"> <li>• Working with Forms: <ul style="list-style-type: none"> <li>o Creating form(&lt;form&gt;--&lt;/form&gt;) &amp; all its attribute</li> <li>o Adding controls to an HTML form</li> <li>o &lt;Input&gt;---&lt;/input&gt; tag and its all attribute</li> <li>o &lt;text area&gt;-----&lt;/text area&gt;</li> <li>o Adding a selection control</li> <li>o Grouping the control of html forms( &lt;Field set&gt; and &lt;legend&gt; tags)</li> </ul> </li> <li>• Layer: <ul style="list-style-type: none"> <li>o Layer tag</li> <li>o Layer Attribute</li> <li>o Method</li> <li>o Event Handler</li> <li>o Use of Layer</li> </ul> </li> </ul>	4 hrs

**Text Book:**

1. Internet Technology and Web Design(First Edition-2011)  
Publisher: Tata McGraw Hill  
By ISRD group
2. HTML 4.0 In Simple Steps(First Edition-2010)  
Publisher: DreamTech Press.  
By Kongent Solution

**Reference Book:**

1. Internet Secrets (Internet technology and web design)  
Publisher: Choice International  
By Shailendra Mishra
2. World wide web Design with HTML(First Edition-2010)  
Tata McGraw Hill  
By C Xavier
3. Web Enabled commercial application development using HTML, Javascript, DHTML and php  
BPB Publication.  
By Ivan Bayross
4. Developing Web Applications(First Edition-2011)  
Wiley India.  
By Ralph Moseley, M. T. Savaliya
5. HTML & Web Design Tips & Techniques(First Edition-2002)  
Tata McGraw Hill  
By Kris, Konrad, Andy