

WEB DEVELOPMENT USING HTML (DCA-203)

OUTLINE OF COURSE :

1. Web Publishing and Browsing
2. HTML Programming Basics
3. Interactivity Tools

DETAILED SYLLABUS:

1. WEB PUBLISHING AND BROWSING: (30 - Marks)

Overview of WWW, SGML, Web Hosting, HTML, Documents Interchange Standards, Components of Web Publishing, Maintaining a Web Site, Document Management, Web Page Design Consideration and Principles, Web Site Planning, Search Engines, HTTP, Publishing Tools.

2. HTML PROGRAMMING BASICS: (30 - Marks)

Introduction, Heading Element, Block Oriented Elements, Lists, Inline Elements, Visual Markup, HTML Links, Creating Tables, Table Attributes, Frames, <FRAMESET? Tag, <FRAME> Tag, IMAGES, Multimedia, Music and Sound for Multimedia, Virtual Reality on the Internet, VRML (Virtual Reality Modeling Language), Authoring Tools For Graphic.

3. INTERACTIVITY TOOLS: (20 - Marks)

ASP (Active Server Page), VB Script, JavaScript and Java, Microsoft FrontPage, Flash.

PRACTICALS: (80 - Marks)

(Software : HTML 4)

1. Design a Web Page (Simple to Advanced Level)

TEXT BOOK:

1. **INTERNET TECHNOLOGY AND WEB DESIGN** - Satish Jain, Shashank Jain, Shashi Singh, and M. Geetha Iyer. First Edition 2010, BPB Publications.
2. **COMPUTERSAHEAD CBSE CLASS X**, Rajiv Mathur, Orient BlackSwan.

SUGGESTED FURTHER READINGS:

1. **HTML : A Beginner's Guide**, Fourth Edition, Wendy Wilard, Mc Graw Hill.
2. **Internet and Intranet Engineering** – Daniel Minoli, Eight Reprint 2007, Tata McGraw-Hill.
3. **Internet and Web Page Design** – P.D. Murarka, BPB Publications.
4. **HTML Right from the Start** - A .Whyte, BPB Publications.
5. **HTML 5 and CSS 3 Made Simple** – Ivan Bayross, BPB Publications.