Subject   Code

:

06CS73   □□□

IA   Marks

:

25

No. of Lecture Hrs./ Week

:

04

Exam Hours

:

03

Total No. of Lecture Hrs.

:

52

Exam Marks

:

100

PART - A

UNIT - 1

Fundamentals of Web, XHTML – 1: Internet, WWW, Web Browsers, and Web Servers; URLs; MIME; HTTP; Security; The Web Programmers Toolbox. XHTML: Origins and evolution of HTML and XHTML; Basic syntax; Standard XHTML document structure;
Basic text markup.

6 Hours

UNIT - 2

XHTML – 2: Images; Hypertext Links; Lists; Tables; Forms; Frames; Syntactic differences between HTML and XHTML.

6 Hours

UNIT - 3

CSS: Introduction; Levels of style sheets; Style specification formats; Selector forms; Property value forms; Font properties; List properties; Color; Alignment of text; The Box model; Background images; The   and tags; Conflict resolution.

6 Hours

UNIT - 4

JAVASCRIPT: Overview of Javascript; Object orientation and Javascript; General syntactic characteristics; Primitives, operations, and expressions; Screen output and keyboard input; Control statements; Object creation and modification; Arrays; Functions; Constructor; Pattern matching using regular expressions; Errors in scripts; Examples.

8 Hours

PART - B

UNIT - 5

JAVASCRIPT AND HTML DOCUMENTS: The Javascript execution environment; The Document Object Model; Element access in Javascript; Events and event handling; Handling events from the Body elements, Button elements, Text box and Password elements; The DOM 2 event model; The navigator object; DOM tree traversal and modification.

6 Hours

UNIT - 6

DYNAMIC DOCUMENTS WITH JAVASCRIPT: Introduction to dynamic documents; Positioning elements; Moving elements; Element visibility; Changing colors and fonts; Dynamic content; Stacking elements; Locating the mouse cursor; Reacting to a mouse click; Slow movement of elements; Dragging and   dropping elements.

6 Hours

UNIT - 7

XML:⬜⬜⬜⬜⬜ Introduction; Syntax; Document structure; Document Type definitions; Namespaces; XML schemas; Displaying raw XML documents; Displaying XML documents with CSS; XSLT style sheets; XML processors; Web services.

6 Hours

UNIT - 8

PERL, CGI PROGRAMMING: Origins and uses of Perl; Scalars and their operations; Assignment statements and simple input and output; Control statements; Fundamentals of arrays; Hashes; References; Functions; Pattern matching; File input and output; Examples. The Common Gateway Interface; CGI linkage; Query string format; CGI.pm module; A survey example; Cookies.

8 Hours

TEXT BOOK:

1.   **Programming the World Wide Web** – Robert W. Sebesta, 4th Edition, Pearson Education, 2008.

REFERENCE BOOKS:

   1. **Internet   & World Wide Web How to H program** – M. Deitel, P.J. Deitel, A. B. Goldberg, 3   rd Edition, Pearson Education / PHI, 2004.

   2. **Web   Programming Building Internet Applications** – Chris   Bates, 3rd Edition, Wiley India, 2006.

   3. **The   Web Warrior Guide to Web Programming** – Xue Bai et al, Thomson,   2003.

Written by Administrator
Sunday, 08 November 2009 09:32 -