

Course No.: 603
Marks: 80

WEB DESIGNING(WEDN XXIII)

Hours: 40

Objective: The basic objective of this paper is to familiarize the students with the web designing concepts and how to design the web as per the requirement of the client.

Course Contents:

- Unit I:** Data communication through Bandwidth (Hz, KHz, NMHz), data transfer (bps, kb ps, Mbps, Gbps, Tbps), Network Devices, Different Topologies: Bus, Star, Tree, Concepts of LAN, WAN, MAN; websites, Multi media applications: education (using CAI tool), entertainment, edutainment, digital libraries, video on demand.
20 : 10 hrs
- Unit II:** Active Server pages (ASP), concepts, features, other equivalent tools- JSP and PHP and their relative advantages and disadvantages; Constants-string and numeric, data types, variables; operators; Arithmetic, Comparison; Logical (AND, OR, NOT, XOR, EQV and IMP), String operator.
20 : 10 hrs
- Unit III:** Conversion functions: Abs (), CBool(), CByte(), CInt(), CStr(), CLng(), CDate(); Fundamentals String manipulation functions, Time and date functions, declaration and use of 1 dimensional arrays; Control procedures and functions, passing parameters/arguments.
20 : 10 hrs
- Unit IV:** Concept of object model structure; HTML/DHTML-Basic Tags, Types, creating links, Tables, Frames, Forms, Form tags (Fundamental idea).
20 : 10 hrs

Text and Reference Books:

1. Minoli Daniel, Minoli Emma: Web Commerce Technology Handbook; Tata McGraw Hill New Delhi.
2. Minoli Daniel: Internet & Internet Engineering; tata McGraw Hill New Delhi.
3. Xavier: World wide web Design with HTML, Prentice Hall New Delhi
4. Douglas E. Comer: The Internet Book; Prentice Hall New Delhi.