

SEMESTER- V

COURSE CODE :- **CC12**
COURSE TITLE :- **(Web Technology and Design)**
CREDIT :- **4**

Marks distribution

Full Marks: 20 (MSE) + 80 (ESE) = 100 Times: 3 hrs

Pass Marks: 45

This paper consists of 80 marks and divided into two groups:

Group-A: Objective questions (Compulsory) : 1 x 10 = 10

Group-B: Descriptive questions (7 out of 10 questions) : 7 x 10 = 60

Total = 80

The questions must cover the entire syllabus with equal distribution of marks as far as practicable.

Module 1: History of the Internet and World Wide Web, Search Engines, News-group, E-mail and its Protocols, Web Portal, Browsers and their versions, Its functions, URLs, web sites

Module 2: Static Web Development: HTML - Introduction to HTML, HTML Document structure tags, HTML comments, Text formatting, inserting special characters, anchor tag, adding images and Sound, lists types of lists, tables, frames and Developing Forms

Module 3: Introduction to Java Script: Data Types, Control Statements, operators, Functions, Objects in Java Script, Handling Events.

Module 4: Cascading Style Sheet: Types of Style Sheets – Internal, inline and External style sheets, creating styles, link tag.

Module 5: DHTML: Introduction to DHTML, JavaScript & DHTML, Document Object Model, DHTML Events, Dynamically change style to HTML Documents.

Module 6: Overview to ASP, features of asp, client side scripting vs server side scripting, web server, configuration of IIS in xp windows, creation of virtual directory.

Module 7: Asp objects and their characteristics- Request, response, server, session, application, form method- get, post,

Module 8: introduction of ado , ado work, oledb, odbc, query string, client certificate, connection object, recordset object -----

Books Recommended:

1. HTML DHTML Java Script VB Script – Ivan Bayross
2. Black Book : Holzner

PRACTICAL : WEB TECHNOLOGY

Program of Web Technology covering entire syllabus, creating web page