Diploma, Anna Univ UG & PG Courses

Notes   *Available @*
 Syllabus
Question Papers
Results and Many more…

www.AllAbtEngg.com

IT8078 WEB DESIGN AND MANAGEMENT

DETAILED SYLLABUS

OBJECTIVES:

- To Learn the basic concepts in HTML, CSS, JavaScript

- To Understand the responsive design and development

- To learn the web project management and maintenance process

- To Design a Website with HTML, JS, CSS / CMS - Word press

UNIT I WEB DESIGN - HTML MARKUP FOR STRUCTURE

Working of Web - HTML Markup for Structure - Creating simple page - Marking up text - Adding Links - Adding Images - Table Markup - Forms - HTML5

UNIT II CSS AND JAVASCRIPT

CSS - Formatting text - Colours and Background - Padding, Borders and Margins - Floating and positioning - Page Layout with CSS - Transition, Transforms and Animation - JavaScript - Using Java Script

UNIT III RESPONSIVE WEB DESIGN

Sass for Responsive Web Design - Marking Content with HTML5 - Mobile-First or Desktop-First - CSS Grids, CSS Frameworks, UI Kits, and Flexbox for RWD - Designing small UIs by Large Finger - Images and Videos in Responsive Web Design - Meaningful Typography for Responsive Web Design

UNIT IV WEB PROJECT MANAGEMENT

Project Life Cycle - Project Definition - Discovery and Requirements - Project Schedule and Budgeting - Running the project - Technical Documentation - Development, Communicaton, Documentation - QA and testing -Deployment - Support and operations

UNIT V PROJECT CASE STUDY

Using HTML, CSS, JS or using Opensource CMS like Word press, design and develop a Website having Aesthetics, Advanced and Minimal UI Transitions based on the project - Host and manage the project live in any public hosting

TEXT BOOKS:

1. Jennifer Niederst Robbins, "Learning Web Design", O'REILLY 4th Edition

2. Ricardo Zea, "Mastering Responsive Web Design", PACKT Publishing, 2015

3. Justin Emond, Chris Steins, "Pro Web Project Management", Apress,2011

REFERENCES:

1. Jon Duckett, "HTML and CSS: Design and Build Websites", John Wiley and Sons, edition 2014

2. Jon Duckett, Jack Moore, "JavaScript & JQuery: Interactive Front-End Web Development", John Wiley and Sons, edition 2014

3. Uttam K. Roy "Web Technologies" Oxford University Press, 13th impression, 2017

4. Word press - http://www.wpbeginner.com/category/wp-tutorials/