

Course Code: AEC- 209-IW

Course Title: Introduction to Internet Technology and Web Designing

Learning objectives:

- To Learn about the fundamental tools and technologies for web design.
- To be able to create web pages using HTML and CSS

Course Outcomes:

- To understand the basic working scheme of the Internet and World Wide Web.
- Learn about the fundamental tools and technologies for web design (front end only)
- Comprehend the technologies for Hypertext Mark-up Language HTML
- Specify the design rules in constructing websites and web pages.

UNIT-I

Internet: Evolution of Internet, Internet Application, Network requirements, Bandwidth, Internet features E-mail, WWW, Telnet, FTP, IRC and Search Engine. World Wide Web: Definition, WWW Browsers(architecture), WWW Servers, DNS Servers, Domain Names

UNIT-II

HTML: Text formatting, Tables, Images, URLs, Hyperlinks, Menus & Images, HTML Form and form control, Embedded objects in HTML, Families and Faces, Color and Type, Adding Graphics, audio and video, using images as links, Creating Image Maps , DIV tags

UNIT-III

CSS: Introduction to Cascading Style Sheets, CSS Need, Advantages and Limitations, Style-sheets: inline, external and embedded, Making HTML and CSS work together, Style Sheet Properties(font, border, color, backgrounds, text, margin, links and icons).

UNIT IV

Introduction to Javascript, validation of form elements using javascript. How to create free websites, Use of blogs, Creating personal channel, Google Docs, Searching techniques, Use of online conferencing tools, Use of Mendeley.

Reference:

1. Fundamentals of Internet and www ,Greenlaw R and Hepp E, ,McGrawHill.10
ISBN:100072367555
2. The Complete Reference-HTML & CSS, Thomas Powell, 5th Edition, McGraw Hill Edu, 2017, 978-0070701946.