

22BEAS303 WEB DESIGNING AND INTERNET APPLICATIONS

Hours Per Week :

L	T	P	C
1	0	2	2

PREREQUISITE KNOWLEDGE: Basics of computer languages.

COURSE DESCRIPTION AND OBJECTIVES:

The basic of this course is to familiarize the students with the basic concepts of web, animation modules and to impart knowledge about basic design process of animation.

MODULE-1

UNIT-1

4L+0T+8P=12 Hours

BASIC PRINCIPLES:

Basic principles in developing a web designing, Planning process, Five Golden rules of web designing.

UNIT-2

4L+0T+8P=12 Hours

WEB DESIGN:

Designing navigation bar, Page design, Home Page Layout, Design Concept. Basics in Web Design.

PRACTICES:

- FLASH: Animation concept FPS.
- Understanding animation for web, Flash interface.
- Working with tools, DREAM WEAVER.
- Exploring Dreamweaver Interface, Planning & Setting Web Site Structure.
- Working with panels, Understanding and switching views, Using property inspector.
- Formatting text, JAVA SCRIPT: Working with alert, confirm and prompt.

MODULE-2

UNIT-1

4L+0T+8P=12 Hours

INTERNET HISTORY:

Brief History of Internet, World Wide Web , creation of a web site, Web Standards.

UNIT-2

4L+0T+8P=12 Hours

WEB PAGES:

Audience requirement. Introduction to Java Script, variables & functions, working with alert, confirm and prompt, Connectivity of Web pages with databases; Project.



Source:
<https://aplihs.in/web-designing/>

SKILLS:

- ✓ Design basic html pages required for desired application.
- ✓ Create animation projects.

PRACTICES:

- Understanding loop, arrays, Creating rollover image.
- Working with operator, GIF ANIMATION: Learning to use FTP Setting FTP.
- Uploading of site, Using Control panel, FTP UPLOADING SITE.
- Understanding gif animation interface, Knowing Gif file format.
- Creating basic web banners.
- Creating web banners with effects.
- Creating animated web buttons.

COURSE OUTCOMES:

Upon successful completion of this course, students will have the ability to:

CO No.	Course Outcomes	Blooms Level	Module No.	Mapping with POs
1	Apply the different aspects of internet application	Analyze	1	1, 2, 4, 7
2	Apply the syntax of different java script programming	Apply	1	1, 2, 4, 5, 7, 11, 12
3	Create the various agricultural need using flash software for review	Create	2	1, 2, 3, 4, 5, 6, 7, 12
4	Apply with latest technologies related to internet	Apply	2	1, 2, 4, 6, 7

TEXT BOOKS:

1. Jennifer Niederst Robbins "Developing web design" latest edition, 2006.

REFERENCE BOOKS:

1. Frain and Ben Responsive Web Design with HTML5, 2008.
2. Nicholas c. Zakas. Java Script for Web Developers, 2009.
3. George Q. Huang, K. L Mak. "Internet Applications in Product Design and Manufacturing" 2009.