

SCHEME OF COURSE WORK

Department of Information Technology

Course Details:

Course Title	<i>Programming Foundations for Web Designing</i>
Course Code	: FREE ELECTIVE OFFERED FOR NON-CSE, IT DEPTS
Program:	: B.TECH
Specialization:	INFORMATION TECHNOLOGY
Semester	VII
Prerequisites	: -

Course Outcomes (COs):

CO No.	Course outcomes
CO1.	Design web pages using Basic HTML Structure.
CO2	Apply CSS building blocks for formatting text.
CO3	Create web pages using CSS3.
CO4	Test and Debug Web pages.
CO5	Evaluate inputs using Java Script.

Assessment Methods: Assignment / Quiz / Seminar / Case Study / Mid-Test /Assignment, Mid-Test

Teaching-Learning and Evaluation

Week	TOPIC / CONTENTS	Course Outcomes	Sample questions	TEACHING-LEARNING STRATEGY	Assessment Method & Schedule
1	Web Page Building Blocks, Working with Web Page Files, Basic HTML Structure, Text, Images	CO-1	1.Explain table elements 2.Describe about forms in HTML 5.	▫ Lecture / Discussion/ppt	Assignment-1 (Week 1 - 8) Mid-Test 1 Quiz-1 (Week-9)
2	Links, CSS Building Blocks, Working with Style Sheets, Defining Selectors, Formatting Text with Styles	CO-2	1.Illustrate different ways of using CSS. 2.Describe how formatting is done using styles	▫ Lecture / Discussion/ppt	Assignment-1 (Week 1 - 8) Mid-Test 1 Quiz-1 (Week-9)
3	Layout with Styles, Building Responsive Web Pages, Working with Web Fonts, Enhancements with CSS 3	CO-3	1.Explain how responsive webpages are built.	▫ Lecture / Discussion/ppt	Assignment-1 (Week 1 - 8) Mid-Test 1 Quiz-1 (Week-9)
4	Mid-Test 1				
5	Lists, Forms	CO-3	1. What is the purpose of lists.	▫ Lecture / Discussion/ppt	Assignment-1 (Week 10 - 17) Mid-Test 2 Quiz-2 (Week-18)
6	Video, Audio, and Other Multimedia, Tables, Working with Scripts, Testing & Debugging Web Pages, Publishing Your Pages on the Web	CO-4	1.Explain how to embed video file in a web page	▫ Lecture / Discussion/ppt	Assignment-1 (Week 10 - 17) Mid-Test 2 Quiz-2 (Week-18)
7	GETTING STARTED WITH SCRIPT: Introducing Java Script, Writing Testing and debugging Java Working with Objects	CO-5	1. Describe about java script objects	▫ Lecture / Discussion/ppt	Assignment-1 (Week 10 - 17) Mid-Test 2 Quiz-2 (Week-18)
8	Mid-Test 2				
	END EXAM				