



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re - accredited by NAAC with 'A' Grade

Founder: Prof. Dr. S. B. Mujumdar, MSc, Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

Sub Committee - Specialization for Curriculum Development

Course Name : Web Design Technologies
Course Code : T3662
Faculty : Computer Studies
Programme Type : PG

Course Credit : 2
Course Level : 4
Sub-Committee (Specialization) : Application Programming
Batch : 2021

Learning Objectives :

To design web pages using HTML
To explain the Document Object Model
To validate web pages using JavaScript

Books Recommended :	Book	Author	Publisher
	Complete reference HTML and XHTML,	Thomas Powell,	Osborne/McGraw-Hill
	Mastering JavaScript by	Laura Lemay (Author), Rafe Colburn (Author), Jennifer Kyrnin	BPB Publication
	Web Designing Fundamentals	Daniel Gray	Wiley
	Web Technologies	Godbole and Kahate	Tata McGraw-Hill Education

Course Outline :	Sr. No.	Topic	Hours
	1	Introduction to HTML Contents: Block, Text, Form Elements, Links - to a page, Within page, to a site, Images, HTML5, CSS.	10
	2	Introduction to Java script Client side scripting, Good client scripting practices, JavaScript Programming Basics , Variables and Data Types Using Variables and Literals, Identifiers, Operators	2
	3	Control Statements and loop Statements Controlling the Flow: JavaScript Control Statements, conditional statements, arrays	5
	4	Functions in JavaScript String and Array functions	5
	5	Working with DOM Accessing elements in DOM and handling events	8

Pre Requisites :

Nil

Evaluation :

Assignment
case studies
Class test

Pedagogy :

Lecture & Discussion

Lab Sessions

Expert :

Dr. Sachin Naik,Assistant Professor,SICSR