KAVERI

Kannada Sangha Pune's

Kaveri College of Arts, Science and Commerce, Pune

B.Sc. (Computer Science)
Computer Science Department

Name of the Course: HTML, CSS, Javascript

Eligibility: SY TY BSc (CS)

Duration: 36 hours

Fees: Will be announced before starting the course.

Number of students: 100-120 students (in a batch)

Objectives of the Course:
- This course provides a foundation of front-end development. The first part covers environment setting, HTML and CSS Basics The second part covers client-side programming in JavaScript. The class focuses on helping students develop fundamental web programming skills. Students will reinforce their understanding of concepts and coding skills in hands-on exercises and projects.

Syllabus:

Basics in Web Design
- Brief History of Internet
- What is World Wide Web
- Why create a web site

Introduction to HTML
- What is HTML
- HTML Documents
- Basic structure of an HTML document
- Creating an HTML document
- Mark up Tags
- Heading-Paragraphs
- Line Breaks
- HTML Tags.

Elements of HTML
- Introduction to elements of HTML
- Working with Text
- Working with Lists, Tables and Frames
- Working with Hyperlinks, Images and Multimedia
- Working with Forms and controls.

Introduction to Cascading Style Sheets
- Concept of CSS
- Creating Style Sheet
- CSS Properties
- CSS Styling(Background, Text Format, Controlling Fonts)
- Working with block elements and objects

- Working with Lists and Tables
- CSS Id and Class
- Box Model(Introduction, Border properties, Padding Properties, Margin properties)
- CSS Advanced(Grouping, Dimension, Display, Positioning, Floating, Align, Pseudo lass, Navigation Bar, Image Sprites, Attribute sector)
- CSS Color
- Creating page Layout and Site Designs.

Java Script , JQuery
- What is JavaScript, Java "vs" JavaScript
- Variables, DataTypes
- Event Handlers
- Functions
- Loops
- Decision Making
- Form Validation
- Javascript Object
- Introduction to JQuery library

Course Outcomes:
At the end of the course, the student will be able to
- Create websites using HTML and CSS
- Create interactive content online using JavaScript
- How to build real world creative and modern website

Examination Pattern:
1. Students will be evaluated for 100 marks out of which
   a. Students will be evaluated on small assignments on creating interactive web pages for 30% of total marks
   b. 70% marks Weightage will be given to attendance.

Grading system
Students will be graded on the following criteria

Grade	Marks Obtained
O	75% and above
A	65 % to 74%
B	55% to 64 %
C	40 % to 49%

Course Conducted By:
HTML : Akhila Kalmadi and Yogeshwari Dannak
CSS: Shilpa Khadilkar, Rashmi Vadjikar and Shilpa Kannade
Javascript: Chitra Alavani, Pallavi Joshi and Nilesh Nemade

Dr. Jayashri Bangali
Course Coordinator

Dr. Ashok M. Agrawal
Principal