VASAVI COLLEGE OF ENGINEERING (Autonomous)
IBRAHIMBAGH, HYDERABAD – 500 031
Department of Information Technology

Introduction to Internet and Web Page Development
(Open Elective-I)

SYLLABUS FOR III-SEMESTER
(for other Branches)

L:T:P(Hrs./week): 2:0:0	SEE Marks : 60	Course Code :**U21OE310IT**
Credits : 2	CIE Marks : 40	Duration of SEE : 3 Hours

COURSE OBJECTIVES	**COURSE OUTCOMES** *On completion of the course, students will be able to*
Acquire basic skills for designing static Web Applications using HTML, CSS , Java script and Bootstrap	1. Design a static web page using HTML 2. Design a web page with styling using CSS. 3. Use JavaScript for creating web pages with client side validation. 4. Develop Web Application using Bootstrap Library.

UNIT – I:
Introduction to Internet: World Wide Web, Web Browsers, Web Servers, URL, HTTP, TCP Port.
HTML: Standard HTML document structure, Basic Tags and attributes, Images, Hypertext
Links, Lists, Tables, Frames, HTML Forms.

UNIT – II:
CSS: Benefits of CSS, CSS properties and syntax, CSS selectors, In-line style sheets, Internal Style sheets and External Style sheets.
XML : The Syntax of XML, XML Document Structure, XML Schema and DTD.

UNIT – III:
JavaScript: Introduction, Basics of JavaScript-variables, data types and operators, Control Structures, Arrays, Functions, Events and Event handling.

UNIT – IV:
Bootstrap: The Grid system, Layout components: Tables, Images, alerts, buttons, badges, progress bars, cards, drop downs, pagination, Collapse, Navbar, forms, inputs, carousel.

Learning Resources :
1.   Web Technologies", 7th Edition, Uttam K.Roy,2012.
2. "Internet & World Wide Web How to Program", 5/e, Paul J. Deitel, Harvey M. Deitel, Abbey Deitel,2012.
3. https://getbootstrap.com

The break-up of CIE: Internal Tests   + Assignments + Quizzes

1	No. of Internal Tests	:	2	Max. Marks for each Internal Tests	:	30
2	No. of Assignments	:	2	Max. Marks for each Assignment	:	5
3	No. of Quizzes	:	2	Max. Marks for each Quiz Test	:	5

Duration of Internal Tests   :   90 Minutes