

# Bhoj Reddy Engineering College for Women: Hyderabad

Department of Information Technology

Lesson plan of faculty member for the academic year 2020–21

Class: III B Tech

Branch-Section: IT-A

Semester: I

Subject: Web Programming

Lectures per week: 2

S.NO	Topics to be covered	Date (s)
<b>UNIT-I: SCRIPTING</b>		
1	Web page Designing using HTML	03 September 2020
2	HTML5- CSS3	04 September 2020
3	Scripting basics- Client side and server-side scripting	10 September 2020
4	Java Script Object names, literals	11 September 2020
5	operators and expressions- statements and features	17 September 2020
6	Events- windows - documents	18 September 2020
7	frames - data types - built-in functions- HTML 5 canvas	24 September 2020
8	Browser object model - Verifying forms	25 September 2020
9	Web site creation using tools	01 October 2020
<b>UNIT-II: JAVA</b>		
10	Introduction to object-oriented programming-Features of Java – Data types, variables and arrays –	08 October 2020
11	Operators – Control statements – Classes and Methods – Inheritance. Packages and Interfaces	09 October 2020
12	Exception Handling – Multithreaded Programming – Input/Output	15 October 2020
13	Files – Utility Classes – String Handling.	16 October 2020
<b>UNIT-III: JDBC</b>		
14	JDBC Overview – JDBC implementation – Connection class – Statements -	29 October 2020
15	Catching Database Results, handling database Queries.	12 November 2020
16	Networking– Inet Address class – URL	13 November 2020
17	class- TCP sockets – UDP sockets,	19 November 2020
18	Java Beans –RMI	20 November 2020
<b>UNIT-IV: APPLET</b>		
19	Java applets- Life cycle of an applet – Adding images to an applet – Adding sound to an applet.	26 November 2020
20	Passing parameters to an applet. Event Handling.	27 November 2020
21	Introducing AWT: Working with Windows Graphics and Text. Using AWT Controls, Layout Managers and Menus	03 December 2020
22	Servlet – life cycle of a servlet. The Servlet API, Handling HTTP Request and Response,	04 December 2020
23	using Cookies, Session Tracking.	10 December 2020
24	Introduction to JSP	11 December 2020
<b>UNIT-V: XML AND WEB SERVICES</b>		
25	Xml – Introduction-Form Navigation-XML Documents	17 December 2020
26	XSL – XSLT- Web services	18 December 2020
27	UDDI-WSDL-Java web services – Web resources.	24 December 2020
28	Revision	31 December 2020

**Textbooks:**

1. Harvey Deitel, Abbey Deitel, Internet and World Wide Web: How To Program 5th Edition.
2. Herbert Schildt, Java - The Complete Reference, 7th Edition. Tata McGraw- Hill Edition.
3. Michael Morrison XML Unleashed Tech media SAMS.

Name and signature of the faculty: Tasneem Rahath ----

Name and signature of Head of the Department: C Murugamani ----