Bhoj Reddy Engineering College for Women: Hyderabad

Department of Information Technology

Lesson plan of faculty member for the academic year 2019–20

Class: III B Tech Branch-Section: IT-B Semester: II

Subject: Web Technologies Lectures per week: 4

S.NO	Topics to be covered	Date (s)
	UNIT- I: PHP	
1	Introduction to Web Technologies	17 December 2019
2	Introduction to HTML, Important HTML Tags	18 December 2019
3	Cascading Style Sheets, Properties	19 December 2019
4	Declaring variables, operators, Data types	21 December 2019
5	Arrays	24 December 2019
6	Strings, expressions	28 December 2019
7	Control structures	31 December 2019
8	Functions	02 January 2020
9	Reading data from web form controls	04 January 2020
10	Handling File Uploads	07 January 2020
11	Connecting to database, executing simple queries, handling results	08 January 2020
12	Handling sessions and cookies	09 January 2020
13	File operations on text and binary files	11 January 2020
14	Listing directories	16 January 2020
	UNIT- II: XML	
15	Introduction to XML	18 January 2020
16	Defining XML tags, attributes and values	21 January 2020
17	Document Type Definition, XML Schemas	22 January 2020
18	Document Object Model	23 January 2020
19	XHTML	25 January 2020
20	Parsing XML Data	28 January 2020
21	DOM parsers in java	29 January 2020
22	SAX parsers in java	30 January 2020
	UNIT- III: SERVLETS	
23	Common Gateway interface	01 February 2020
24	Lifecycle of a servlet, Deploying a servlet	04 February 2020
25	The Servlet API, Examples	05 February 2020
26	Servlet parameters	06 February 2020
27	Reading Initialization parameters	08 February 2020
28	Handling Http Request and Responses	13 February 2020
29	Using Cookies and Sessions	15 February 2020
30	Connecting to a database using JDBC	18 February 2020
31	Connecting to a database using JDBC	19 February 2020
	UNIT- IV: JSP	
32	The Anatomy of a JSP Page	20 February 2020
33	JSP Processing	22 February 2020
34	Declarations	25 February 2020
35	Directives	26 February 2020
36	Expressions	27 February 2020
37	Code Snippets	29 February 2020
38	Implicit objects	03 March 2020
39	Using Beans in JSP Pages	04 March 2020
40	Using Cookies and session for session tracking	05 March 2020
41	Using Cookies and session for session tracking	07 March 2020
42	Connecting to database in JSP	10 March 2020
43	Connecting to database in JSP	11 March 2020

UNIT- V: CLIENT SIDE SCRIPTING		
44	Introduction to JavaScript	12 March 2020
45	Declaring variables, Scope of variables	14 March 2020
46	Functions	17 March 2020
47	Control statements	18 March 2020
48	Control statements examples	19 March 2020
49	Event handlers (onclick, onsubmit)	21 March 2020
50	Document Object Model	24 March 2020
51	Document Object Model	26 March 2020
52	Form Validation	28 March 2020
53	Form Validation	31 March 2020
54	Simple AJAX application	01 April 2020
55	Simple AJAX application	04 April 2020

Text books:

1. Web Technologies, Uttam K Roy, Oxford University Press

2. The Complete Reference PHP – Steven Holzner, Tata McGraw-Hill.

Reference Books:

1. Web Programming, building internet applications, Chris Bates 2nd edition, Wiley Dreamtech.

2. Java Server Pages –Hans Bergsten, SPD O'Reilly.

Name and signature of the faculty: Mr S J Bhargav Kumar ----

Name and signature of Head of the Department: Mr M Vinod ----