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-A Semester: II

Subject: Web Technologies Lectures per week: 4

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

43	Implicit objects	07 March 2020
44	Using Beans in JSP Pages	10 March 2020
45	Using Cookies and session for session tracking	12 March 2020
46	Connecting to database in JSP	13 March 2020
47	Example Programs	14 March 2020
UNIT-V:Client Side Scripting		
48	Introduction to JavaScript	17 March 2020
49	JavaScript language	19 March 2020
50	Declaring variables	20 March 2020
51	Scope of variables	21 March 2020
52	functions	24 March 2020
53	Event handlers (on click, on submit)	26 March 2020
54	Document Object Model	27 March 2020
55	Form Validation	28 March 2020
56	Examples	31 March 2020
57	Introduction to AJAX	03 April 2020
58	Simple AJAX application	04 April 2020
59	Revision	07 April 2020

Textbooks:

1. Web Technologies, Uttam K Roy, Oxford University Press
2. The Complete Reference PHP – Steven Holzner, Tata McGraw-Hill.

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

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