

Bhoj Reddy Engineering College for Women: Hyderabad

Department of Information Technology

Lesson plan of faculty member for the academic year 2018–19

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: PHP		
1	Introduction to Web Technologies	27 December 2018
2	Introduction to HTML	28 December 2018
3	Important HTML Tags	29 December 2018
4	Cascading Style Sheets	31 December 2018
5	Introduction to PHP & PHP tags	3 January 2019
6	Declaring variables, operators	4 January 2019
7	Data types, Arrays	5 January 2019
8	Strings, expressions	7 January 2019
9	Control structures	10 January 2019
10	Functions	11 January 2019
11	Reading data from web form controls	12 January 2019
12	Handling File Uploads	17 January 2019
13	Connecting to database, executing simple queries, handling results	18 January 2019
14	Handling sessions and cookies	19 January 2019
15	File operations on text and binary files	21 January 2019
16	Listing directories	24 January 2019
UNIT- II: XML		
17	Introduction to XML	25 January 2019
18	Defining XML tags, attributes and values	28 January 2019
19	Document Type Definition	31 January 2019
20	XML Schemas	01 February 2019
21	Document Object Model	02 February 2019
22	XHTML	04 February 2019
23	Parsing XML Data	07 February 2019
24	DOM parsers in java	08 February 2019
25	SAX parsers in java	09 February 2019
UNIT- III: SERVLETS		
26	Common Gateway interface	11 February 2019
27	Lifecycle of a servlet	14 February 2019
28	Deploying a servlet	15 February 2019
29	The Servlet API	16 February 2019
30	Examples	21 February 2019
31	Servlet parameters	22 February 2019
32	Reading Initialization parameters	23 February 2019
33	Handling Http Request and Responses	25 February 2019
34	Using Cookies and Sessions	28 February 2019
35	Connecting to a database using JDBC	01 March 2019
UNIT- IV: JSP		
36	The Anatomy of a JSP Page	01 March 2019
37	JSP Processing	02 March 2019
38	Declarations	07 March 2019
39	Directives	08 March 2019
40	Expressions	09 March 2019
41	Code Snippets	11 March 2019
42	Implicit objects	14 March 2019
43	Using Beans in JSP Pages	15 March 2019

44	Using Cookies and session for session tracking	16 March 2019
45	Using Cookies and session for session tracking	18 March 2019
46	Connecting to database in JSP	22 March 2019
47	Connecting to database in JSP	23 March 2019
UNIT- V: CLIENT SIDE SCRIPTING		
48	Introduction to JavaScript	25 March 2019
49	Declaring variables	28 March 2019
50	Scope of variables	29 March 2019
51	Functions	30 March 2019
52	Functions	01 April 2019
53	Control statements	04 April 2019
54	Control statements examples	08 April 2019
55	Event handlers (onclick, onsubmit)	11 April 2019
56	Document Object Model	12 April 2019
57	Document Object Model	13 April 2019
58	Form Validation	15 April 2019
59	Simple AJAX application	18 April 2019
60	Revision	20 April 2019

Text books:

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: Mr K Sandeep Kumar -----

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