VISHNU INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi; Affiliated to JNTUK, Kakinada)
Vishnupur, Bhimavaram

Department of Computer Science Engineering

Name of the Faculty: **P.S.SuryaTeja**   Academic Year: 2014-2015

Designation: Asst. Professor   Branch: CSE (A)

Department: CSE   Year & Sem: III/II

Subject: AJWT   Regulation: R10

Lesson Plan

S.No	Name of the Topic	No. of Classes	Text / Ref / Other Books with Page Numbers	Text / Other Ref
	Unit – I			
1	Introduction to AJWT	1	-	Notes
2	Introduction to HTML, HTML tags	1	P-2 to P-8	T1
3	Lists, Images, Tables	1	P-9 to P-19	T1, Notes
4	Forms	1	P-20 to P-22	T1
5	Frames	1	P-23 to P-31	T1
6	CSS	3	P-31 to P-40	T1
7	Introduction to javascript	2	P-42 to P-59	T1
8	Objects in javascript	2	P-60 to P-64	T1
9	Dynamic HTML with JavaScript	1	P-65 to P-92	T1
	Total no .of classes	13		
	Unit – II			
10	Introduction to PHP Variables and constants Controlling program flow	2	P-94 to P-120	T1
11	Arrays and functions	1	P-122 to P-144	T1
12	Forms and database	3	P-146 to P-170	T1
	Total no .of classes	6		
	Unit – III			
13	Introduction to XML Document type definition XML schemas, DOM	3	P-172 to P-180	T1
14	XSLT, SAX	2	P-181 to P-204	T1
	Total no .of classes	5		
	Unit – IV			
15	Intro to java beans Using bound properties	3	P-206 to P-217	T1

	BeanInfo interface Persistence				
16	JavaBeans API Introduction to EJBs	2	P-217 to P-224	T1	
	Total no .of classes	5			
Unit – V					
17	Web servers, Introduction to servlets, Lifecycle of a servlet, Servlet API, Creating a servlet	2	P-226 to P-241	T1	
18	Reading servlet parameters, javax.servlet HTTP package, Handling HTTP request and responses	2	P-242 to P-256	T1	
19	Cookies and Sessions, Security issues	2	P-256 to P-262	T1	
	Total no. of classes	6			
Unit - VI					
20	Introduction to JSP	1	P-264 to P-267	T1	
21	JSP Processing	2	P-268 to P-274	T1	
22	JSP application development	2	P-276 to P-305	T1	
	Total no. of classes	5			
Unit - VII					
23	Introduction to JDBC, javax.sql package, Accessing database app	1	P-308 to P-343	T1	
24	Deploying beans in JSP, Introducing struts framework	3	P-344 to P-350	T1	
	Total no. of classes	4			
Unit – VIII					
25	Introduction to AJAX, Integrating PHP and AJAX	1	P-352 to P-381	T1	
26	Consuming web services	2	P-381 to 390	T1	
	Total no. of classes	3			
	Grand total no. of classes	**47**			

Text Books:
 T1: Web Technologies – Black Book, Kogent Learning Solutions Inc., Dreamtech press.
 T2: An introduction to web design + programming – Wang, Katila., CENGAGE

Reference Books:
 R1: Web Technologies – Uttam K. Roy – Oxford
 R2: Internet and World Wide Web – How to Program by Dietel and Nieto., Pearson education.
 R3: Beginning Web Programming – Jon Duckett – WROX

Web / Other References:
  W1: Wikipedia.org (for information on various concepts related to AJWT)
  W2: php.net (for documentation/help on PHP language)
  W3: w3schools.com (for code examples of various concepts related to AJWT)
  W4: ajax.org (for help and tutorials on ajax)
  W5: jquery.com (a javascript framework)
  W6: tizag.com (tutorials on various languages and technologies)

Signature of Faculty   **Signature of HOD**