



VAGDEVI DEGREE COLLEGE

(Affiliated to Acharya Nagarjuna University)

(College Code : 116)

Ravipadu Road, Narasaraopet, Palnadu Dt, A.P., Ph : 9247025166

Teaching Plan

Name of the Course with code	:	WEB APPLICATIONS DEVELOPMENT USING PHP & MYSQL – 7A
Class & Semester / Academic Year	:	BSC & Semester - V / 2023-24
Name of the faculty Member	:	S Ramesh Babu

SNO	Topic	No. of periods required	Book(s) followed
Unit-I: The Building blocks of PHP			
1	Variables, Data Types	1	T1
2	Operators and Expressions, Constants	1	T1
3	Flow Control Functions in PHP	1	T1
4	Switching Flow	1	T1
5	Loops, Code Blocks and Browser Output	1	T1
6	Seminar on PHP examples in real time	1	T1
7	Working with Functions:	1	T1
8	What is function?, Calling functions	3	T1
9	Defining Functions, Returning the values, user defined	2	T1
10	Variable Scope, Saving state between Function call	1	T1
11	static statement, more about arguments	2	T1
12	Examples slides on Functions	2	T1
Total of periods required:		15	
Unit-II: Working with Arrays			
1	Introduction What are Arrays?	1	T1
2	Creating Arrays, Some Array-Related Functions	1	T1
3	Examples explanation Projector class	1	T1
4	Working with Objects	1	T1
5	Creating Objects	1	T1
6	Object Instance Working with Strings	1	T1
7	SNOs and Time	2	T1
8	Formatting strings with PHP	1	T1
9	Investigating Strings with PHP	1	T1

10	Preparing simple examples	1	T1
11	Manipulating Strings with PHP	2	T1
12	Using SNO and Time Functions in PHP	1	T1
13	Formatting Data and Functions	1	T1
	Total of periods required:	15	
Unit-III: Working with Forms and Sessions			
1	Creating Forms	1	T1
2	Accessing Form Input with User defined Arrays	2	T1
3	Combining HTML and PHP code on a single Page	1	T1
4	Using Hidden Fields to save state	1	T1
5	Redirecting the use	1	T1
6	Sending Mail on Form Submission	1	T1
7	Working with File Uploads	1	T1
8	Projector class running	2	T1
9	Working with File Uploads	1	T1
10	Working with Cookies and User Sessions	1	T1
11	Introducing Cookies, Setting a Cookie with PHP	1	T1
12	Session Function Overview	1	T1
13	Starting a Session, Working with session variables	1	T1
14	passing session IDs in the Query String	1	T1
15	Destroying Sessions and Unsetting Variables	1	T1
16	Sessions in an Environment with Registered Users	2	T1
	Total of periods required:	19	
Unit-IV: Working with Files and Directories			
1	Including Files with include	1	T2
2	validating Files, creating and Deleting Files	2	T2
3	Opening a File for Writing	1	T2
4	Reading or Appending, Reading tom Files	1	T2
5	writing or Appending to a File	1	T2
6	working with Directories	1	T2
7	open pipes to and from process	1	T2
8	Using open(), Running Commands with exec()	1	T2
9	Running Commands with system()	1	T2
10	System() or passthru()	2	T2
	Total of periods required:	12	T2
Unit-V: Interacting with MySQL using PHP			
1	MySQL Versus MySeLi Functions	1	T2
2	connecting to MySQL with PHP	1	T2
3	working with MySQL Data	1	T2
4	creating an online Address Book	1	T2
5	planning and creating Database Tables	2	T2
6	creating Menu	1	T2
7	creating Record Addition Mechanism	1	T2
8	viewing Records	2	T2

9	creating the Record Deletion Mechanism	2	T2
10	Conducting work on MySQL	2	T2
11	Adding sub-entities	1	T2
12	Adding sub-entities to a Record	2	T2
13	Menu, creating Record	2	T2
Total of periods required:		15	
Grand total of periods required:		76	

Text Book:

T1: Oxford Press University, Bangalore

T2: Dr. Revathi book on PHP and MySQL VIT University published by Amaravathi, AP

Reference Books:

R1: I. Julie C. Meloni, SAMS Teach yourself PHP MySQL and Apache, Pearson Education (2007).

R2: Steven Holzner, PHP: The Complete Reference, McGraw-Hill

R3: Robin Nixon Learning PHP, MySQL, JavaScript CSS & HTML5, Third Edition O'Reilly, 2014

R4: Xue Bai Michael Ekedahl, The web warrior guide to Web programming Thomson (2006).

Faculty Signature

Head of the Department



VAGDEVI DEGREE COLLEGE

(Affiliated to Acharya Nagarjuna University)

(College Code : 116)

Ravipadu Road, Narasaraopet, Palnadu Dt, A.P., Ph : 9247025166

Teaching Plan

Name of the Course with code : WEB INTERFACE DESIGNING TECHNOLOGIES – 6A

Class & Semester / Academic Year : BSC & Semester - V / 2023-24

Name of the faculty Member : S RAMESH BABU

SNO	Topic	No. of periods required	Book(s) followed
Unit-I:HTML			
1	Introduction to web designing	1	R2
2	difference between web applications	1	R2
3	desktop applications	1	R2
4	introduction to HTML	1	R2
5	HTML structure	2	R2
6	elements, attributes	2	R2
7	headings, paragraphs,	2	R2
8	styles, colors	2	R2
9	HTML formatting, Quotations	3	R2
10	Comments, images	2	R2
11	HTML tables	3	R2
12	lists, blocks and classes	2	R2
13	Multi media objects	2	R2
Total of periods required:		19	
Unit-II: HTML CSS and Forms			
1	HTML frames	1	R2
2	file paths, layout, symbols	2	R2
3	HTML responsive	2	R2
4	HTML form elements	1	R2
5	input types, input attribute	2	R2
6	HTML5, HTML graphics, HTML media - video, audio, plug iNS, you tube	3	R2
7	IITML API'S: Geo location, Drag/drop, local storage, HTML SSE	2	R2

8	CSS home, introduction, syntax, colours	1	R2
9	back ground, borders, margin, padding, height, width, text, fonts, icons	2	R2
10	tables, lists, position, overflow, float	2	R2
11	CSS combinator, pseudo class, pseudo elements, opacity	2	R2
12	tool tips, image gallery, CSS forms,	1	R2
13	CSS counters, CSS responsive	1	R2
	Total of periods required:	18	
Unit-III: Client side Validation			
1	Introduction to JavaScript	1	T1
2	What is DHTML,	2	T1
3	JavaScript, basics, variable	1	T1
4	string manipulations	1	T1
5	mathematical functions	1	T1
6	statements, operators, arrays, functions	2	T1
7	objects in JavaScript	2	T1
8	Data and objects in JavaScript	2	T1
9	regular expressions, exception handling	1	T1
10	. DHTML with JavaScript - Data validator\ opening a new window, message	2	T1
11	confirmations, the status bar, different Aames, rollover buttons, moving images	3	T1
	Total of periods required:	20	T1
Unit-IV: Word press			
1	Introduction to word press	1	T1
2	servers like wamp, bitnami e.tc,	3	T1
3	installing and configuring word press	2	T1
4	understanding admin pane	2	T1
5	working with posts	1	T1
6	pages, using editor,	1	T1
7	text formatting with shortcuts	2	T1
8	working with media-Adding	2	T1
9	editing, deleting media elements, working with widgets, menus.	2	T1
	Total of periods required:	13	
Unit-V: Working with themes-parent			
1	Working with themes-parent and child themes,	1	T1
2	using featured images	1	T1
3	configuring settings, user and user roles and profiles	2	T1
4	adding external links,	1	T1
5	extending word press with plug-ins	1	T1
6	Working on Plug Ins in real time	3	T1
7	Develop a college web site	1	T1

8	Students interact to working on Plug ins	1	T1
9	Customizing the site	1	T1
10	changing the appearance of site using cs	2	T1
11	protecting word press	1	T1
12	word press website from hackers	1	T1
13	College library systems managements	1	T1
Total of periods required:		15	
Grand total of periods required:		77	

Text Book:

T1: RNR Book for Inet Sovle, Hyerabad.

T2: Pearson Publishers books

Reference Books:

R1: Chris Bates, Web Programming Building Internet Applications, Second Edition, Wiley (2007)

R2. Paul S.WangSanda S. Katila, an Introduction to Web Desip plus Programming Thomson (2007).

R3. Head First HTML and CSS, Elisabeth Robson, Eric Freernan, O'Reilly Media Inc.

R4. An Introduction to HTML and JavaScript: for Scientists and Engineers, David R. Brooks. Springer,

2007

Faculty Signature

Head of the Department