

# Rajarshi Shahu Mahavidyalaya(Autonomous),Latur

## Teaching Plan (Semester-II)

(Dec-2019 to March-2020)

### Details of Syllabus to be taught

Sr no	Class	Name of Asst.prof	Subject	Paper	Total Lectures
1	B.Voc. FY	I.S.Sayyed	Computer Technology	CT.SC.201 Programming for the Web	60
2	M.Sc. FY	I.S.Sayyed	Computer Technology	M.Sc.CS-CC-6 Web Programming Using ASP.Net	60
3	B.Sc. TY	I.S.Sayyed	Computer Science	U-COS-641 Web Programming Using PHP and MYSQL	45

Unit	Topics To be Covered	Date	No. of Lectures
Unit I	<b>Unit I: HTML5</b> <ul style="list-style-type: none"> <li>Why HTML5, Difference between HTML 4 and HTML5</li> <li>Formatting text by using tags, Using lists and backgrounds. Creating hyperlinks and anchors,</li> <li>Creating tables, creating simple table, specifying the size of the table,</li> <li>Specifying the width of the column, merging table cells, using tables for page layout, formatting tables, applying table borders, applying background and foreground fills,</li> <li>Creating user forms creating basic form, using check boxes and radio buttons creating lists, additional input types in HTML5, incorporating sound and video,</li> <li>Audio and video in HTML5, HTML multimedia basics, embedding video clips, incorporating audio on web page, Image Mapping.</li> </ul>	<b>Total</b>	<b>19</b>
		09.12.2019 To 10.12.2019	02
		11.12.2019 To 12.12.2019	02
		13.12.2019 To 14.12.2019	02
		16.12.2019 To 23.12.2019	07
		24.12.2019 To 27.12.2019	03
		28.12.2019 To 31.12.2019	03
		Unit II	<b>Unit II: CSS 3</b> <ul style="list-style-type: none"> <li>Introduction to CSS, how does CSS work? Syntax, identification and grouping of elements,</li> <li>Selectors, colors, background, fonts, text, links, lists, tables</li> <li>CSS Box model, Margin, Padding, Border,</li> <li>Height and width, floating elements,</li> <li>Positioning of elements, align, dropdowns,</li> <li>Navigation bar, counters, Image gallery</li> </ul>
02.01.2020 To 04.01.2020	02		
06.01.2020 To 07.01.2020	02		
08.01.2020 To 10.01.2020	03		
11.01.2020 To 14.01.2020	03		
16.01.2020 To 18.01.2020	03		
20.01.2020 To 23.01.2020	03		

<b>Unit III</b>	<b>Unit-III: Java Script</b>	<b>Total</b>	<b>18</b>
	<ul style="list-style-type: none"> <li>• Introduction to Client-Side Scripting, Introduction to Java Script,</li> <li>• JavaScript Types, Variables in JS, Operators in JS,</li> <li>• Conditional statements, Java Script Loops, JS Popup Boxes,</li> <li>• JS Events, JS Arrays, Working with Arrays, JS Objects, JS Functions, Document and its associated objects, Document,</li> <li>• Link area, Anchor, Image, Applet, Layer Events and Event Handlers,</li> <li>• Using Java Script in Realtime, Validation of Forms.</li> </ul>	25.01.2020 To 28.01.2020	03
		29.01.2020 To 31.01.2020	03
		01.02.2020 To 04.02.2020	03
		06.02.2020 To 08.02.2020	04
		10.02.2020 To 14.02.2020	01
		15.02.2020 To 24.02.2020	04
<b>Unit IV</b>	<b>Unit-IV: Web Hosting</b>	<b>Total</b>	<b>17</b>
	<ul style="list-style-type: none"> <li>• Web Hosting - What is Domain?</li> <li>• Introduction to DNS, how to register a Domain?</li> <li>• What is web hosting?</li> <li>• How to get a web hosting? Host your website on web Server.</li> <li>• FTP - FTP Introduction, FTP Commands Viewing Files and Directories,</li> <li>• FTP Commands Transfer and Rename files,</li> <li>• FTP with WS FTP/ CuteFTP, Filezilla on Windows.</li> </ul>	06.03.2020 To 09.03.2020	02
		10.03.2020 To 14.03.2020	03
		16.03.2020 To 19.03.2020	02
		20.03.2020 To 23.03.2020	03
		24.03.2020 To 26.03.2020	02
		27.03.2020 To 28.03.2020	03
		30.03.2020 To 31.03.2020	02

Unit	Topics To be Covered	Date	No. of Lectures
<b>Unit I</b>	<b>Unit –I: Introduction to Web Technology &amp; Asp.net</b>	<b>Total</b>	<b>19</b>
	<ul style="list-style-type: none"> <li>• Web Support Languages, Types of .net Application: web, Desktop, Mobile.</li> <li>• Role of Web Browser and Web Server Understanding http,</li> <li>• LAN, WAN , OS role in web development. Client side and Server side Scripting,</li> <li>• Introduction to Ajax and WCF, Introduction to .net, .net Framework Installing visual studio.net,</li> <li>• Asp Vs Asp.net, Asp.net Web page life cycle,</li> <li>• Asp.net Web form, Page Directive</li> </ul>	09.12.2019 To 10.12.2019	02
		11.12.2019 To 12.12.2019	02
		13.12.2019 To 14.12.2019	02
		16.12.2019 To 23.12.2019	07
		24.12.2019 To 27.12.2019	03
		28.12.2019 To 31.12.2019	03
<b>Unit II</b>	<b>Unit II: Asp.net Applications, CSS and Themes</b>	<b>Total</b>	<b>16</b>
	<ul style="list-style-type: none"> <li>• Creating Asp.net Web Application,</li> <li>• Auto Post back property,</li> <li>• HTML controls Vs Web controls Code</li> <li>• Window&amp; Design Window Server Side controls, Exception Handling,</li> <li>• What is CSS? Types of CSS, Theme,</li> <li>• Name skin within a Theme.</li> </ul>	02.01.2020 To 04.01.2020	02
		06.01.2020 To 07.01.2020	02
		08.01.2020 To 10.01.2020	03
		11.01.2020 To 14.01.2020	03
		16.01.2020 To 18.01.2020	03
		20.01.2020 To 23.01.2020	03

<b>Unit III</b>	<b>Unit-III: Redirecting User to Another Page &amp; Master Pages.</b>	<b>Total</b>	<b>18</b>
	<ul style="list-style-type: none"> <li>• Redirecting Options Response, Redirect Server.</li> </ul>	25.01.2020 To 28.01.2020	03
	<ul style="list-style-type: none"> <li>• Transfer Cross Page Postback Passing Values between pages</li> </ul>	29.01.2020 To 31.01.2020	03
	<ul style="list-style-type: none"> <li>• Introduction to Master Page</li> </ul>	01.02.2020 To 04.02.2020	03
	<ul style="list-style-type: none"> <li>• Content Place Holder and Content tags</li> </ul>	06.02.2020 To 08.02.2020	04
	<ul style="list-style-type: none"> <li>• Accessing Controls of Master page in Content page</li> </ul>	10.02.2020 To 14.02.2020	01
	<ul style="list-style-type: none"> <li>• Master page with Menus</li> </ul>	15.02.2020 To 24.02.2020	04
<b>Unit IV</b>	<b>Unit-IV: User Controls, Validation, State Management and Web Services</b>	<b>Total</b>	<b>17</b>
	<ul style="list-style-type: none"> <li>• Creating User Control Required Field Validator,</li> </ul>	06.03.2020 To 09.03.2020	02
	<ul style="list-style-type: none"> <li>• Compare Validator Range Validator,</li> </ul>	10.03.2020 To 14.03.2020	03
	<ul style="list-style-type: none"> <li>• Regular Expression Validator,</li> </ul>	16.03.2020 To 19.03.2020	02
	<ul style="list-style-type: none"> <li>• Custom Validator Query String, View State, Hidden Field</li> </ul>	20.03.2020 To 23.03.2020	03
	<ul style="list-style-type: none"> <li>• Cookies Session</li> </ul>	24.03.2020 To 26.03.2020	02
	<ul style="list-style-type: none"> <li>• Creating Web Services Web Methods</li> </ul>	27.03.2020 To 28.03.2020	03
	<ul style="list-style-type: none"> <li>• Database Oriented Asp.net</li> </ul>	30.03.2020 To 31.03.2020	02
	<ul style="list-style-type: none"> <li>• Web Application with Grid View</li> </ul>		

**Course Title:** Web Programming Using PHP and MYSQL

**Course Code:** U-COS-641

<b>Unit</b>	<b>Topics To be Covered</b>	<b>Date</b>	<b>No. of Lectures</b>
<b>Unit I</b>	<b>Unit –I: PHP Basics and Programming constraints</b>	<b>Total</b>	<b>12</b>
	<ul style="list-style-type: none"><li>• HTTP basics, Introduction to Web Browser and Web Server</li></ul>	09.12.2019 To 14.12.2019	03
	<ul style="list-style-type: none"><li>• Introduction to PHP, Advantages of PHP, PHP syntax, Variables, constants, print/echo statement,</li></ul>	16.12.2019 To 21.12.2019	03
	<ul style="list-style-type: none"><li>• Data types, string, while, for, operators and expression,</li></ul>	23.12.2019 To 28.12.2019	03
	<ul style="list-style-type: none"><li>• if-else, else-if, switch statements, break and continue</li></ul>	30.12.2019 To 04.01.2019	03
<b>Unit II</b>	<b>Unit II: Function and array</b>	<b>Total</b>	<b>12</b>
	<ul style="list-style-type: none"><li>• Defining and calling a function, Default parameters, Variable parameters, Variable function,</li></ul>	06.01.2020 To 11.01.2020	03
	<ul style="list-style-type: none"><li>• Types of strings in PHP, printing functions, Encoding and escaping, Manipulating and searching string, Regular expression,</li></ul>	13.01.2020 To 18.01.2020	03
	<ul style="list-style-type: none"><li>• Indexed Vs Associative arrays, Multidimensional arrays, converting between arrays and variables, traversing array,</li></ul>	20.01.2020 To 25.01.2020	03
	<ul style="list-style-type: none"><li>• count, list-in array, sort, rsort, assort, array-merge, array-reverse.</li></ul>	27.01.2020 To 31.01.2020	03

<b>Unit III</b>	<b>Unit-III: OOPs and Forms</b> <ul style="list-style-type: none"> <li>• Classes, Objects, Serialization, Inheritance Interfaces, Encapsulation</li> <li>• FORM element, INPUT elements, validating user input, passing variables between pages,</li> <li>• passing variables through a GET, passing variables through a POST,</li> <li>• Passing variables through a REQUEST, MVC Architecture.</li> </ul>	<b>Total</b>	<b>12</b>
		01.02.2020 To 08.02.2020	03
		10.02.2020 To 15.02.2020	03
		17.02.2020 To 22.02.2020	03
		24.02.2020 To 29.02.2020	03
<b>Unit IV</b>	<b>Unit-IV: MYSQL</b> <ul style="list-style-type: none"> <li>• Introduction to MySQL, Benefits of MySQL,</li> <li>• Basics: reserve words, key words, variables, data types,</li> <li>• Types of commands: Data Definition Commands, Data Manipulation Commands, Data Control Commands</li> <li>• Clauses: where, order by, group by, having, like, between, Database connectivity</li> </ul>	<b>Total</b>	<b>12</b>
		01.03.2020 To 07.03.2020	03
		09.03.2020 To 14.03.2020	03
		16.03.2020 To 21.03.2020	03
		23.03.2020 To 28.03.2020	03