



**Course Outcomes & CO-PO-PSO Mapping and Justification**

<b>Subject</b>	<b>WEB TECHNOLOGY AND ITS APPLICATIONS</b>	<b>18CS63</b>
<b>COURSE OUTCOMES:</b>		
<b>CO No.</b>	<b>On completion of this course, students will be able to:</b>	<b>Cognitive Level</b>
18CS63.1	Illustrate the Semantic Structure of HTML and CSS.	L2 Understand
18CS63.2	Demonstrate forms and tables using HTML and CSS.	L2 Understand
18CS63.3	Develop Client-Side programs using JavaScript and Server-Side programs using PHP.	L3 Apply
18CS63.4	Outline Object Oriented Programming capabilities of PHP.	L3 Apply
18CS63.5	Examine JavaScript frameworks such as jQuery and Backbone.	L4 Analyze

**CO-PO-PSO MAPPING**

CO No.	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
18CS63.1	1	-	2	-	-	-	-	-	-	-	-	2	2	-	-
18CS63.2	1	-	2	-	-	-	-	-	-	-	-	2	2	-	-
18CS63.3	1	-	2	-	-	-	-	-	-	-	-	2	2	-	-
18CS63.4	1	-	2	-	-	-	-	-	-	-	-	2	2	-	-
18CS63.5	1	-	2	-	-	-	-	-	-	-	-	2	2	-	-
<b>Avg. Mapping</b>	<b>1.0</b>	<b>-</b>	<b>2.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.0</b>	<b>2.0</b>	<b>-</b>	<b>-</b>

**CO-PO-PSO JUSTIFICATION**

<b>CO No.</b>	<b>PO/PSO</b>	<b>CL</b>	<b>Justification</b>
18CS63.1	PO1	1	Highly mapped as the students need the knowledge of basic HTML and CSS syntax and semantics to build web pages.
	PO3	2	Moderately mapped as the students to develop the basics using html programs.
	PO12	2	Moderately mapped as students the use of concepts in writing the HTML programs to build web pages.
	PSO1	2	Moderately mapped as students understand and use systems software packages
18CS63.2	PO1	1	Highly mapped as the students to build web pages, construct and visually format tables and forms using HTML and CSS
	PO3	2	Moderately mapped as the students to develop the tables using html programs and CSS Sheets.
	PO12	2	Moderately mapped as the students need the knowledge of basic HTML and CSS syntax and semantics to build web pages
	PSO1	2	Moderately mapped as students the use of concepts in writing the HTML and CSS programs to build web pages
18CS63.3	PO1	1	Highly mapped as the students to build Client-Side Scripts using JavaScript and Server-Side Scripts - PHP
	PO3	2	Moderately mapped as the students to develop Client-Side Scripts using JavaScript and Server-Side Scripts using PHP to generate and display the contents dynamically.
	PO12	2	Moderately mapped as the students need the knowledge of basic HTML and CSS syntax and semantics to build web pages
	PSO1	2	Moderately mapped as students to use toolkit of XAMP to develop Client-Side Scripts in PHP.
18CS63.4	PO1	1	Highly mapped as the students to build web pages, construct and using PHP
	PO3	2	Moderately mapped as the students to develop the PHP for Server-side Scripting.
	PO12	2	Moderately mapped as the students to build web pages using PHP.
	PSO1	2	Moderately mapped as as the students to use toolkit of XAMP to develop principles of object-oriented development using PHP.
	PO1	1	Highly mapped as the students to build JavaScript frameworks

18CS63.5	PO3	2	Moderately mapped as the students to develop jQuery and Backbone which facilitates developer to focus on core features.
	PO12	2	Moderately mapped as the students to design and develop web pages using frameworks.
	PSO1	2	Moderately mapped as the students develop to use toolkit of XAMP to jQuery and Backbone which facilitates developer to focus on core features.

**Prepared by**

**HoD**

**Jagadamba A / S Suma**

**Dr.M. Ramakrishna**