



Academic Year 2023 – 2024 (Odd Sem)

Course name: - Client side Scripting
Duration: - Throughout the semester
Venue: - VIVA Institute of Technology
Co-ordinator: - Prof. Divys S.
Enrolled students: - 38

Course Objective:-

1. To create fully functional javascript programs.
2. To create highly interactive web pages.
3. To learn about loop structures and arrays.
4. To work with Menus and navigation.

Course Outcomes: -

- After successful completion of the course, the students are able to
1. Create interactive web pages using program flow control structure
 2. Implement Arrays and functions in Javascript.
 3. Create event based web forms using JS
 4. Create interactive webpage using regular expressions.
 5. Create Menus and navigations in web Pages.

Course Content:-

UNITS	TOPICS AND SUB-TOPICS
Unit 1: Basics of JavaScript programming	1.1 Features of JS 1.2 Object Name, Properties, main event, dot syntax 1.3 values and variables 1.4 Operators and Expressions 1.5 Conditional statements, switch case 1.6 Loop statement
Unit 2: Array, Functions and String	2.1 Array 2.2 Functions 2.3 Calling functions 2.4 Strings
Unit 3: Form and Event Handling	3.1 Building blocks of form, methods, properties, button, text area, checkbox, radio button, select element. 3.2 Form events 3.3 Form objects and elements 3.4 Changing option list 3.5 Manipulating form elements
Unit 4: Regular expressions, rollover and frames	4.1 Regular expression 4.2 Rollovers 4.3 Frames



Unit 5: Menus, Navigation and Web Page Page Protection	5.1- Status bar 5.2 Banner 5.3 Slideshow 5.4 Menus 5.5 Protecting Web Page
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Report:-

The Value added course on Client Side serving was conducted by Divys S. in order to provide basic knowledge of JAVA Script programming to students of second year and third year. This course was conducted throughout the odd semester during the free session in timetable. Students learned JAVA programming with handson. Total 38 students joined this course and successfully completed.

CO-PO Mapping: -

Course Outcome	Program Outcome											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	-	-	-	-	3	-	-	-	-	-	-	-
CO2	-	-	3	-	-	-	-	-	-	-	-	-
CO3	-	-	-	3	-	-	-	-	-	-	-	-
CO4	-	-	-	-	3	-	-	-	-	-	-	-
CO5	-	-	-	-	3	-	-	-	-	-	-	-
	-	-	3	3	3	-	-	-	-	-	-	-

CO PO Justification: -

CO s	PO s	Justification
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.
CO2	PO1	Strongly mapped as the students will be able to identify the technique required to implement the problem.
CO3	PO3	Slightly mapped as the students will be able to find a solution for the problem identified.
CO4	PO3	Strongly mapped as the students will be able to find the relevant tools to implement the problem stated.



	PO4	Moderately mapped as the students will be able to find a feasible solution for the problem designed.
CO5	PO2	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.




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QR Code for Certificates

