



**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY,  
EAST DELHI CAMPUS,  
SURAJMAL VIHAR-110092**

<b>Semester: 3<sup>rd</sup></b>			
<b>Paper code: AIDS259/AIML259/IOT259</b>	<b>L</b>	<b>T/P</b>	<b>Credits</b>
<b>Subject: Web Programming Lab</b>	<b>0</b>	<b>2</b>	<b>1</b>
<b>Marking Scheme</b>			

1. Teachers Continuous Evaluation: As per university examination norms from time to time
2. End term Examination: As per university examination norms from time to time

**INSTRUCTIONS TO EVALUATORS: Maximum Marks:** As per university norms

1. This is only the practical subject.
2. The practical list shall be notified by the teacher in the first week of the class commencement under the intimation to the office of the HOD/ Institution in which the appear is being offered from the list of practicals below.
3. Instructors can add any other additional experiments over and above the mentioned in the experiment list which they think is important.
4. Atleast 8 experiments must be performed by the students.

**Course Objectives:**

1.	To apply JavaScript Language programming concepts and techniques to create web pages and develop, plan and debug web pages as per the requirement. CSS, this course will familiarize students with how browsers
2.	To understand how browsers represent webpage data using the Document Object Model (DOM), how to develop dynamic, interactive web pages using JavaScript in the browser.

**Course Outcomes:**

<b>CO1</b>	Apply different core scripting modules to design a server.
<b>CO2</b>	Design and develop single-page applications, interactive and dynamic websites that can be used to resolve real world issues.

CO/PO	PO01	PO02	PO03	PO04	PO05	PO06	PO07	PO08	PO09	PO10	PO11	PO12
<b>CO1</b>	2	2	2	2	2	-	-	-	-	-	-	2
<b>CO2</b>	2	2	2	2	2	1	1	1	1	1	1	3

**LIST OF EXPERIMENTS:**

1. Create a web page that covers your CV using various HTML Tags (UL, OL , Table, etc).
2. Create a webpage that displays brief details of various Programming Languages using various types of CSS.
3. Create a webpage using JavaScript and HTML to demonstrate Simple Calculator Application.



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4. Create a web page covering the basic CRUD operations (Create, Read, Update, Delete) that implements To-do/Grocery lists using JavaScript and HTML
5. Create a JavaScript application based on various Data Types, Statements, Keywords and Operators.
6. Create a JavaScript application with Window Objects and Document Object.
7. Create a JavaScript application with Object Creation and by adding methods of objects.
8. Create a JavaScript application with Loops to incorporate the concept of Iteration.
9. Create a JavaScript application for random number generation.
10. Build a unit convertor application using HTML & JavaScript.