

CLASS - 7<sup>TH</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	<b>Introduction to JavaScript</b>
<b>CONCEPT &amp; SKILLS</b>	<p style="text-align: center;"><b>CONCEPT</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Understand Server side and Client side language.</li> <li><input type="checkbox"/> Understand basic JavaScript syntax.</li> <li><input type="checkbox"/> JavaScript placement in HTML File.</li> <li><input type="checkbox"/> JavaScript Output.</li> <li><input type="checkbox"/> JavaScript Comments.</li> <li><input type="checkbox"/> Work with Variables and Operators.</li> <li><input type="checkbox"/> JavaScript Datatypes.</li> <li><input type="checkbox"/> JavaScript Function.</li> </ul> <p style="text-align: center;"><b>SKILLS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Developing programming skills</li> </ul>
<b>LEARNING OUTCOMES</b>	<ul style="list-style-type: none"> <li>• Students will be able to distinguish between server and client side language.</li> <li>• Students will understand how to place JavaScript tags in their Webpage.</li> <li>• Students will be able to create simple programs in JavaScript.</li> </ul>
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	<p>Projector, PowerPoint presentation.</p> <p>W3Schools.com, tutorialspoint.com. Khanacademy.com.</p>
<b>PEDAGOGY</b>	<ul style="list-style-type: none"> <li>✓ Using PowerPoint presentation teacher will demonstrate the Server side and Client side programs to let the students understand that “Why Must they learn JavaScript”.</li> <li>✓ Teacher will use practical (Learning by doing) method in the lab to make the students understand about the basic JavaScript syntax.</li> <li>✓ Teacher will also use simple techniques to let the students understand basic programming concepts like “what are variables” what do variables hold” “what is the method to declare a variable and what type of data can a JavaScript variable hold”.</li> </ul>
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	<ol style="list-style-type: none"> <li>1. Display “Hello World” using window.alert () method.</li> <li>2. Program to change the content of a paragraph on the click of a button.</li> <li>3. Program to display current date and time.</li> <li>4. Students will be given simple arithmetic programs to make them understand simple programming concepts.</li> </ol>
<b>ASSESSMENT</b>	<p>Students will be assessed on the basis of practical done in the lab.</p> <p>Students will be assessed on the basis of project using HTML, CSS and JavaScript.</p>
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Javascript.