

# JAVASCRIPT SYLLABUS

Basic JavaScript	<ul style="list-style-type: none"> <li>• Introduction to JavaScript.</li> <li>• Syntax, Variables and Operators.</li> <li>• Control Statement and Loop Control.</li> <li>• Functions <ul style="list-style-type: none"> <li>o Nested Function.</li> <li>o Function Constructor.</li> <li>o JavaScript built-in function.</li> <li>o Scope Rules</li> <li>o Recursion</li> <li>o Recursion Vs Iteration Events.</li> </ul> </li> <li>• Event Handlers.</li> <li>• Object and Arrays.</li> <li>• DOM Selection <ul style="list-style-type: none"> <li>o Traversing the DOM.</li> <li>o Creating elements, id, class and text.</li> <li>o Removing Elements</li> </ul> </li> </ul>
Advanced JavaScript	<ul style="list-style-type: none"> <li>• Local &amp; Session Storage.</li> <li>• ECMAScript <ul style="list-style-type: none"> <li>o Default Parameters.</li> <li>o Arrow Function.</li> <li>o <b>Rest Operator and Spread Parameters.</b></li> <li>o <b>Template Literals.</b></li> <li>o <b>Destructuring Assignment.</b></li> <li>o Enhanced Object Literal.</li> <li>o Promises and Fetch.</li> <li>o Asynchronous Programming.</li> <li>o Blocked-Scoped Constructs: Let and Const.</li> <li>o Classes. Modules.</li> <li>o For Of Comprehensions (for each, filter, find and map).</li> </ul> </li> </ul>
Projects Calculators and forms	