JavaScript SYLLABUS

JavaScript

- Language constructs (Variables, objects, etc.)
- Object Hierarchy and predefined objects
- Functions, arguments and function object
- Predefined JavaScript functions

JavaScript Statements and Operators

- JavaScript Operators (comparison, arithmetic, string, etc.)
- Conditionals and loop statements

JavaScript Events

- Event Objects and handlers
- Capture and release events

JavaScript Arrays and Strings

- Arrays object and methods
- String object, methods and regular expression

Event Handling and Object

- *DOM*
- *BOM*
- *Objects*
- *Form validation*
- *Events*
- *Demo: Change and access HTML elements*
- *Demo: Change CSS Properties value*
- *Demo: Validations on HTML Form elements*

Internal Memory Management

- Closures
- Function Execution
- Variable Shadowing
- Memory Management

- Garbage Collection
- Demo: Call and define functions
- Demo: Use local and global variables