**THE MODULES – Day 31**

### Introduction to the Internet

* Understand the history of Internet.
* Understand Web terminology.
* Understand IP addresses
* TCP/IP Protocol
* Domain Name System
* HTTP Protocol
* Servers – Web Servers
* Web Browsers
* Working of WWW
* HTML – Static and Dynamic Web Pages

**THE MODULES – Day 32**

### HTML 5

* Versions of HTML
* Role of Browsers
* Heading Tags
* Paragraph Tags
* Text Formatting Tags
* Types of Lists
* Tables
* Working with Images
* Forms in HTML
* HTTP GET Vs. HTTP POST
* New Form Elements in HTML5

### CSS 3.0

* Versions of CSS
* Inline Style Sheets
* Mixed Style Sheets
* External Style Sheets
* Types of Style Sheet Elements – Elements and Classes

**THE MODULES – Day 33**

### JavaScript

* Versions of JavaScript
* Working with JavaScript Functions
* Passing Parameters
* Returning Values
* Handling HTML Events
* Validating a Form before Submission using JavaScript

**THE MODULES – Day 34**

### jQuery

* Introduction to jQuery
  + What and Why of JQuery
  + JQuery Selectors
  + JQuery Events
* jQuery Effects
  + Hide/Show
  + Fade
  + Animate
  + Slide
  + Stop
  + Callback
  + Chaining
* jQuery HTML
  + GET
  + SET
  + Add
  + Remove
* jQuery and CSS
  + Classes
  + Methods
  + Properties
* jQuery Traversing
* jQuery and Ajax

### JSON

* JSON Intro
* JSON Syntax
* JSON Data Types
* JSON Parse
* JSON Stringfy
* JSON Objects
* JSON Arrays

### Bootstrap Fundamentals

* Bootstrap Overview
* Environment Setup
* Layouts in Bootstrap 5
* Contents in Bootstrap 5
* FORMS in Bootstrap 5
* Components in Bootstrap 5