**Module 58: 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

**Module 59: 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

**Module 60: CSS 3.0**

 Versions of CSS

 Inline Style Sheets

 Mixed Style Sheets

 External Style Sheets

 Types of Style Sheet Elements – Elements and Classes

**Module 61: JavaScript**

 Versions of JavaScript

 Working with JavaScript Functions

 Passing Parameters

 Returning Values

 Handling HTML Events

 Validating a Form before Submission using JavaScript

**Module 62: 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

**Module 63: JSON**

 JSON Intro

 JSON Syntax

 JSON Data Types

 JSON Parse

 JSON Stringfy

 JSON Objects

 JSON Arrays

**Module 64: Bootstrap Fundamentals**

 Bootstrap Overview

 Environment Setup

 Layouts in Bootstrap 5

 Contents in Bootstrap 5

 FORMS in Bootstrap 5

 Components in Bootstrap 5