# Viva Technologies

## ADVANCE WEB DESIGNING

### (Certificate Course in Advance Web Designing)

## 1. Advanced HTML & CSS

- HTML5 Semantic & Multimedia Tags
- CSS3 Advanced Selectors
- Flexbox and Grid Layout
- CSS Transitions, Animations & Transformations
- Advanced Responsive Design (Media Queries)

## 2. Advanced JavaScript

- DOM Manipulation (getElementById, querySelector)
- Event Handling & Event Listeners
- Arrays, Objects, and Functions
- Dynamic Content Updates
- Form Validation (Advanced)

## 3. Frameworks & Libraries

- Bootstrap / Tailwind CSS Frameworks
- Responsive Grid System
- Prebuilt Components (Navbar, Carousel, Modals)
- jQuery Basics (Optional)

## 4. UI/UX Design

- Principles of User Interface (UI) Design
- User Experience (UX) Flow and Prototyping
- Wireframing and Mockups using Figma / Adobe XD
- Accessibility and Usability Standards

## 5. CMS (Content Management Systems)

- Introduction to WordPress / Shopify / Wix
- Installing & Configuring Themes
- Plugins and Widgets
- Creating Dynamic Websites using CMS

## 6. SEO & Analytics

- On-Page SEO (Meta Tags, Alt Attributes, Keywords)
- Off-Page SEO Basics
- Page Speed Optimization
- Google Analytics & Search Console Setup

## 7. Web Deployment & Version Control

- Git & GitHub Basics
- Hosting with Custom Domains
- Site Maintenance and Backup
- SSL and Website Security Essentials

## 8. Capstone / Project Work

- Designing a Full Responsive Website
- Personal Portfolio Project
- E-commerce or Business Website Prototype
- Testing, Debugging, and Live Launch

## 9. Final Examination (Online)