Introduction to Website Development

COURSE OUTLINE

Course Description

This beginner-friendly course introduces students to the core technologies behind websites—HTML, CSS, JavaScript, and media integration. Through hands-on projects, students will gain practical experience in building a simple, functional webpage entirely from scratch.

01 Introduction & Setup

- Overview of web development and how the internet works
- Tools of the trade: text editors, browsers, developer tools
- Setting up a project folder and basic workflow

02 HTML – The Structure of the Web

- Understanding the role of HTML
- Common tags: headings, paragraphs, lists, links, etc
- Hands-on: Creating a simple webpage

03 CSS – Styling and Layout

- Introduction to CSS: inline, internal, external
- Selectors, properties, and values
- Colors, fonts, backgrounds, and borders
- Layout basics: margins, padding, and positioning
- Hands-on: Styling the simple webpage

04 Media - Images and Videos

- Adding and formatting images
- Embedding videos and audio
- Hands-on: Adding media to the webpage

05 JavaScript – Adding Interactivity

- What JavaScript is and how it works
- Variables, functions, and basic events
- Hands-on: Adding JavaScript to a webpage

06 Bringing It All Together – Simple Project

- Planning and structuring a website
- Development environments and version control
- Deployment to a server
- Hands-on: Develop a simple multi-page website and deploy to server

07 Questions & Comments