NITNEPAL

Syllabus for Web Development:

1. HTML

- **(Day 1)Introduction**
  - ➢ What is Programming Language?
  - ➢ What is HTML?
  - ➢ What is the use of HTML in Web Development?
  - ➢ History of HTML
  - ➢ Basic structure of HTML
  - ➢ Examples of HTML
  - ➢ How to open Text Editor in Windows(Notepad)
  - ➢ How to save HTML File
  - ➢ Run HTML Code in Web browser
  - ➢ Setup of Visual Studio Code on PC and Installation of Live server
- **(Day 2)**
  - ➢ Basic Structure of HTML(Recap)
  - ➢ HTMl Doctype
  - ➢ What are Elements and Attributes in HTML?
  - ➢ What are tags and types of tag in HTMl?
    - ▪ Anchor Tag
    - ▪ Bold Tag
    - ▪ Body Tag
    - ▪ Button Tag
    - ▪ Line Break Tag
    - ▪ Head Tag
    - ▪ Horizontal line
  - ➢ The <DOCTYPE> Declaration in html
  - ➢ Block Level Elements and Inline Elements
  - ➢ Div element in HTML
  - ➢ Span element in HTMl

- **(Day 3)**
  - Paragraphs and Headings
  - Different types of List
  - Grouping Elements
  - Making a simple webpage layout
  - Marquee in HTML
- **(Day 4)**
  - Semantic Elements
  - Optimizing Web Page Structure
  - Generic elements: Div and Span
  - Special Characters
  - HTMl Formatting
  - HTML Comments
  - HTMl Colors
- **(Day 5)**
  - HTML Links
  - HTMl Images
  - HTML ID and Classes
  - Iframes in HTML
  - HTML file paths
- **(Day 6)**
  - HTMl Forms
  - HTMl Graphics
  - HTML Media
    - Audio
    - Video
    - YouTube
    - Plug-ins
  - APIs in HTML (Very Important)
    - Geolocation
    - SSE
    - Web Workers
    - Drag/Drop
  - HTMl Color