

# **201 - Introduction to Internet & HTML**

## **UNIT-1: Introduction to Internet**

### **1.1 Concepts of Internet**

- 1.1.1 Introduction to Internet
- 1.1.2 Evolution of Internet
- 1.1.3 Internet Services
- 1.1.4 Advantages and Disadvantages of Internet

### **1.2 Internet Connections**

- 1.2.1 Types of Internet connection (Dial-up Connection, Leased Connection, Broadband Connection, Wi-Fi, Mobile Broadband, Mobile Hotspot, Cable Model Connection)
- 1.2.2 Working of Internet
- 1.2.3 Difference between Internet, Intranet, Extranet

## **UNIT-2: World Wide Web**

### **2.1 Introduction to WWW**

### **2.2 WWW Architecture**

### **2.3 Introduction to Internet Protocols (TCP,IP, UDP, FTP, HTTP, (Only Introduction and their purpose))**

### **2.4 ISP (Internet Service Provider)**

### **2.5 Applications of Internet**

- 2.5.1 Search Engine, Web Server, News Group
- 2.5.2 E-mail, E-Learning, E-Banking, E-Governance
- 2.5.3 Social Networking, Instant Messaging, IRC, Audio and Video Conferencing

## **UNIT-3: Internet Security and Privacy**

### **3.1 Internet Security Overview**

### **3.2 Data Encryption**

- 3.2.1 Symmetric Key Encryption
- 3.2.2 Public Key Encryption

### **3.3 Concepts of Digital Signature**

### **3.4 Concepts about Firewall Security**

## **UNIT-4: HTML & Structure Web Page**

### **4.1 Introduction to HTML**

- 4.1.1 HTML introduction
- 4.1.2 Structure of HTML page
- 4.1.3 HTML Comments
- 4.2 HTML Elements (<h1>...<h6>, <p>,<br>, <a>, <img>)
- 4.3 HTML Attributes (alt, href, src, width, height, style, title, id)
- 4.4 HTML Headings (<head>)
- 4.5 Text Formatting Tags(<b>, <strong>,<i>,<em>,<mark>,<small>,<del>,<ins>,<sub>,<sup>)

## **UNIT-5: Structuring Web Page using HTML**

### **5.1 Tables**

- 5.1.1 Table height and width
- 5.1.2 Table Caption
- 5.1.3 Cell padding and Cell Spacing
- 5.1.4 Column Span Row Span

### **5.2 Links and bookmarks**

### **5.3 Forms**

- 5.3.1 Form Attributes
- 5.3.2 Form Controls (Text Input, Select Box, Submit and Reset Button)