

## **CP1551.2: INTERNET AND WWW**

### **1. AIM:**

- To introduce to Internet and World Wide Web.

### **2. OBJECTIVES:**

- To understand the basic concepts of Networks.
- To learn the working of Internet.
- Exposure to Network Protocols.
- Exposure to WWW.

### **3. SYLLABUS**

#### **Module I:**

Introduction to Network-Types of Network-Network Topologies, Intranet, Extranet-Advantages, Internet-History, Modes of Connecting to Internet-Dialup Access-Direct to dedicated connections, Internet Service Providers, Domain Name Service, Internet Addresses-Addressing Scheme-IPV6,Modems,Communication Software, Internet tool-File Transfer Protocols, Search Tools, Telnet.

#### **Module II:**

Introduction to WWW-WWW and HTTP, Webpage, Introduction to Web Browser-Book Marks-Comparison, Directories, Search Engines-Search Fundamentals-Search Terminology-Search Strategies – Search Generalization-Search Specialization-Working.

#### **Module III:**

Uniform Resource Locator (URL) Introduction to TCP/IP-TCP/IP Model, Email-Working with Email-Sending Mail-Reading Mail-Replying to Mail-Deleting Mail-Advantages and Disadvantages of Email, Basics of Chat Rooms, SMTP.\

#### **Module IV**

Introduction to Web Server-Personal Web Server (PWS)-Internet Information Server (IIS)-Apache Webserver-Benefits of Web Server, Introduction to Security-Internet Security-Identifying Network Stations, Network Protocols-Internet Security Threats.

## **4. REFERENCES**

### **4.1 Core**

□ Dr. Surender Jangra, “Basics of Internet and Web”, Vayu Education of India. New Delhi 110002

### **4.2 Additional**

□ Raymond Greenlaw, Ellen Hepp “Fundamentals of Internet and the World Wide Web, McGraw-Hill.