

**Subject Code: 501**

**Subject Name: E- Business Technology**

**Unit I**

**12 hrs**

E – commerce Architecture : Client Server Architecture – Two tire architecture - Three tire Architecture with TP monitor, application servers – Introduction to Component Object Module (COM), Common Object Request Broker Architecture (CORBA) – Relationship between e-commerce and web database.

**Unit II**

**10 hrs**

Internet – Internetworking, internet, extranet, history and evaluation, internet architecture, ISP services, web hosting, e-mail, portal, accessing the internet, dial up, leased lines, DSL

**Unit III**

**11 hrs**

TCP/IP: Basics: Layers and functions, IP address, concepts, classes, address resolution, Concept of ports, sockets, overview of IP, ARP, ICMP, TCP, UDP

**Unit IV**

**13 hrs**

Introduction to HTML and CSS: structure of HTML – HTML Tags (paragraph, break, headings, font, formatting: bold and italic, colors) - creating links, Frames and tables - inserting Text box, Buttons and images – CSS : Internal and External style sheets.

**Unit V**

**14 hrs**

Object Oriented Concepts: Objects – Classes – Encapsulation – inheritance – DHTML: - Overview on scripting language and server pages(java script/ PHP/JSP/ASP) – use of scripting in webpage with examples - Modeling Language : introduction to Unified Modeling Language (UML) – use case diagrams – class diagram.