

CA545 INTERNET TECHNOLOGIES

Pre-requisite: Computer Networks

Aims and Objectives: This is a first course on Internet and the World Wide Web. This exposes students to tools that could transform how we do the work in different domains of applications: Communication, Education, Information Access, Commerce, Healthcare etc.

Course Content:

Review of computer networks, The Internet, Domains and addresses, options for connecting, S/W, modems etc., The internet toolkit: Electronic email, ftp, telnet, finger, etc. WWW, IRC, talk, MUDDS, providing resources via internet. HTML, JavaScript, CGI, Pearl and Introduction to JAVA.

Recommended Books:

1. Glee Harrah Cady, Pat McGregor: Mastering the Internet, BPB, Sybex 1996.
2. Alan Simpson: HTML Publishing Bible, IDG Books, Comdex Computer Publishing, A Division of Pusthak Mahal, 1996.
3. Bryan Pfaffenberger: Publish on the Web, AP Professional, 1996.
4. Clayton Walnum: Java by Example, Que 1996.
5. Marty Hall: The Core Web Programming, Prentice-Hall, 1998.
6. J. Niederst: Web Design in a Nutshell, O'Reilly Associates, 1999.