

B. Sc. 602

Web Technology

Unit I:

Introduction to Web Publishing: WWW, Web design process, Web Publishing. Web server and proxy server, Web browsers like Internet Explorer, Netscape Navigator, Internet Viruses, Internet security issues, firewall, Data encryption and Digital signatures and certificates.

Unit II:

HTML Documents: Overview, rules & guidelines, structure of HTML documents, document types. The Markup Tags: HTML, HEAD, TITLE, BODY, Paragraphs, Lists, Formatted & Unformatted text, Extended quotations, Address, Horizontal rules, Hyper link, Font (Size, Color)

Unit III:

Table, Table tags, General Table format, Cell Space / Cell padding, Row Span, Cols span, Image (Add, Alignments), , Linking: URL, Mailto, anchors.

Unit IV:

Frame: Overview of frame, Frame Set, Simple frame example, Frame targeting, Floating frame, Frame Problems, Options, Form. DHTML, ASP .NET, PHP.

Unit V:

Java Script Basics: Introduction, Data Types & variables, Expressions & Operators, arrays, Functions, Control statements, if-then-else, Nested ifs, Select Case, Looping Statements for-Next, Do-while, Do-Until.

References:

1. The complete reference HTML
2. Javascript programmer's references: *Alexei White*
3. The complete reference PHP