

SRM UNIVERSITY
Faculty of Science and Humanities
Department of Computer Science

Subject

Name: Internet Concepts

Subject

code: BIS1143

Staff

Name M.RAMLA

No. of Hrs

Per week: 5

List of

- books:**
1. WWW Design with HTML, Xavier, New Age Publishers (T1)
 2. Internet and Web design, Ramesh Bangia, Firewall Media (T2)

Web

- Reference:** 1. www.w3schools.com (W1)

Unit I

Introduction: Definition of Internet – History of Internet – Internet service providers – ISDN Service – Direct ISP Service through leased line – Modem – Cable Modem.

Session	Description	Reference with Chapter
1	Introduction to computers	T1-C1
2	Computers in Business, networking,	T1-C 1.1
3	Internet, History of Internet	T1-C1.2
4	Internet Applications	T1-C1.3
5	Email- Signitures and Voice E-mail	T1-C1.4
6	Resource Sharing, Gopher	T1-C1.5, 1.6
7	WWW- Hypertext	T1-C1.7
8	About Browsers	T1-C1.7
9	About Search Engines	T1-C1.7
10	Usenet News Groups, Telnet	T1-C1.8,1.9
11	Bulletin Board Service, WAIS	T1-C1.10,1.11
12	Internet Technologies	T1-C2
13	Modem and its working	T1-C2.1
14	Internet Addressing (URLs)	T1-C2.2
15	Physical Connection- Leased Lines, Telephone Lines	T1-C2.3, C2.4

16	Frame Relay	T1-C2.4
17	ISDN connection and its interfaces	T1-C2.4
UNIT-II	Internet tools – Search Engines – web browser – Internet Protocol (IP) – IP addresses – Types of Internet addressing – Transmission Control Protocol (TCP)	
18	Internet Browsers- IE	T1-C3.1
19	Working with IE- Options, Color, Language Preference	T1-C3.1
20	Navigation window, History	T1-C3.1
21	Favourites menu, Tool Bar	T1-C3.1
22	Netscape Navigator- File, Edit, View	T1-C3.2
23	NN- Navigator, Bookmark	T1-C3.2
24	NN-History, Security options	T1-C3.2
25	Internet Protocols- HTTP, FTP	T2-C6
26	IP Addressing- IPv4 & IPv6	T2-C3
27	TCP Protocols	T2-C3
UNIT-3	How does the Internet work – Intranet & Extranet – Internet Infrastructure - Applications of Internet – HTTP – SMTP – TFTP – RIP – IMAP – POP – IMAP Vs POP – FTP.	
28	How does Internet Work?	T2-C1
29	Intranet & Extranet	T2-C1
30	Infrastructure of Internet	T2-C1
31	Applications of Internet	T2-C1
32	HTTP & its status codes	T2-C3
33	SMTP	T2-C5
34	TFTP & FTP	T2-C6
35	RIP- Routing Information Protocol, Routing table	
36	IMAP, POP - Email Protocols	T2-C5
37	IMAP Vs POP	T2-C5
38	FTP and how files can be uploaded and downloaded	T2-C6
UNIT-4	Introduction to HTML: What is HTML – Basic Tags of HTML – HTML Tag – TITLE Tag – BODY Tag: Formatting of Text: Headers – Formatting Tags: BOLD, ITALICS, UNDERLINE, PARAGRAPH, TT, STRIKETHROUGH, EM, BR and HR tags – PRE Tag – FONT Tag – Special Characters – Working with Images – META Tag.	
39	Intoduction to HTML	T1-C 5
40	What is HTML?	T1-C 5
41	Basic Tags, HTML Tag	T1-C 5 / W1

42	Head Tag , Title tag, Body Tag	T1-C 6 / W1
43	Formatting Tags	T1-C 6 / W1
44	Designing the web page using all formating tags	T1-C 6 / W1
45	B, I, U, TT, STRIKE, EM, BR, HR	T1-C 6 / W1
46	Pre tag with examples	T1-C 6 / W1
47	Font Tag	T1-C 6 / W1
48	Special Characters- HTML Entities	T1-C 6 / W1
49	Working with images- tag	T1-C 6 / W1
50	META Tag	T1-C 6 / W1
UNIT-5	Links – Anchor tag - Lists – Unordered Lists – Ordered Lists – Definition Lists; Tables – TABLE, TR and TD Tags – Cell Spacing and Cell Padding – Colspan and Rowspan; Frames: Frameset – FRAME Tag – Frame inside other frames – NOFRAMES Tag; Forms: FORM and INPUT Tag – Text Box – Radio Button – Check box – SELECT Tag and Pull Down Lists: Hidden – Submit and Rest; Some Special Tags: COLGROUP – THREAD, TBODY, TFOOT - _blank, _self, _parent, _top – IFRAME – LABEL – Attribute for <SELECT> - TEXTAREA	
51	Links, <a> tag with href attribute	T1 / W1
52	Lists- Unordered Lists	T1-C7
53	Ordered Lists	T1-C7
54	Definition Lists	T1-C7
55	Tables- <table> , <tr>, <td>	T1-C8
56	Cell padding, Cell spacing	T1-C8
57	Col span, Row span attributes	T1-C8
58	Frames- Frameset tag	T1-C10
59	Frame inside another frame	T1-C10
60	No Frames tag	T1-C10
61	Forms - Form tag	T1-C12
62	Form elements- <input> tag	T1-C12
63	Textbox, radio button	T1-C12
64	Checkbox, select option (pull down list)	T1-C12
65	Hidden text, submit and reset button	T1-C12

66	Textarea	T1-C12
67	Some special tags-COLGROUP, THREAD, TBODY, TFOOT	W1
68	Target attribute in <frame tag>- _self, _top, _parent	W1
69	floating frames- <iframe>	W1
70	Designing sample web pages with all Learnt HTML tags	T1-C12
71	Designing sample web pages with all Learnt HTML tags	T1-C12