

AMBALA COLLEGE OF ENGINEERING AND APPLIED RESEARCH**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING****LECTURE PLAN-(PC-CS-204A)**

NAME OF FACULTY : Er.Gagandeep Kaur(Theory/Practical)
DISCIPLINE : B. Tech. Computer Science and Engineering
SEMESTER : 4th
SUBJECT : Internet Technology and Management
LESSON PLAN DURATION : 15 weeks (Feb-June, 2024)
WORK LOAD PER WEEK : L: T: P- 3:0:3 (IN HOURS)

Week	Theory		Practical	
	Lecture No.	Topic	Practical No.	Topic (including viva-voce)
1ST	1	Introduction to networks and Internet and its history.	1	PC Software: Application of basics of MS Word 2000, MS Excel 2000, MS Power Point 2000, MS Access 2000, HTML To prepare the Your Bio Data using MS Word
	2	Internet, Intranet and Extranet.		
	3	Working of Internet, Internet Congestion.		
2ND	4	Internet culture, business culture on internet, Collaborative computing & the internet.	2	To prepare the list of marks obtained by students in different subjects and show with the help of chart/graph the average, min and max marks in each subject.
	5	Modes of connecting to internet.		
	6	Internet Service Providers, Internet address, standard address.		
3RD	7	Domain name, DNS, IPv6 modems.	3	Prepare a presentation explaining the facilities/infrastructure available in your college/institute.
	8	Speed and time continuum, Communications software.		
	9	Internet tools.		
4TH	10	Introduction to WWW, Miscellaneous Web browser details.	4	Design Web pages containing information of the Deptt.
	11	Searching the www, Directories search engines and meta search engines.		
	12	Search fundamentals, search strategies, working of the search engines.		
5TH	13	Telnet and FTP.	5	Create a new document that takes the format of a business letter. Combine <P> and
	14	HTTP, Gopher commands.		
	15	TCP/IP.		

				tags to properly separate the different parts of the documents. Such as the address, greeting, content and signature. What works best for each?
6TH	16	Revision/Sessional 1		Viva Voce
7TH	17	Introduction to browser, Coast to coast surfing.	6	Create a document that uses multiple and <P> tags, and put returns between <PRE> tags to add blank lines to your document see if your browser sends them differently.
	18	Hypertext markup language.		
	19	Web page installation, web page setup.		
8TH	20	Basics of HTML & formatting and hyperlink creation.	7	Create a document using the <PRE>tags to work as an invoice or bill of sale, complete with aligned dollar values and a total. Remember not to use the Tab key, and avoid using emphasis tags like or within your list.
	21	Using FrontPage Express, Plug-ins.		
	22	Introduction, advantages and disadvantages, User ids, Passwords.		
9TH	23	E-mail addresses, message components, message composition, mailer features.	8	Create a seven-item ordered list using Roman numerals. After the fifth item, increase the next list value by 5.
	24	E-mail inner workings, E-mail management.		
	25	MIME types, Newsgroups, mailing lists, chat rooms.		
10TH	26	Revision/Sessional 2		Viva -voce
11TH	27	Secure mails, SMTP, PICO, Pine, Library cards catalog, online ref. works.	9	Beginning with an ordered list, create a list that nests both an unordered list and a definition list.
	28	Languages Basic and Advanced HTML.		
	29	Basics of scripting languages –XML, DHTML.		
12TH	30	Java Script.	10	Use the ALIGN attribute of an tags to align another image to the top of the first image.. play with this feature, aligning images to TOP, MIDDLE and BOTTOM.
	31	Introduction to web servers.		
	32	PWS, IIs, Apache.		
13TH	33	Microsoft Personal Web Server, Accessing & using these servers.	11	Create a ‘table of contents’ style page (using regular and section

	34	Software Complexity, Attacks, security and privacy levels.		links) that loads a different document for each chapter or section of the document.
	35	Security policy, accessibility and risk analysis		
14TH	36	Encryption schemes.	12	I. Installing internet & external modems, NIC and assign IP address.
	37	Secure web document, Digital Signatures.		II. Study of E-mail system.
	40	Firewalls, Intrusion detection systems.		III. Create your own mail-id in yahoo and indiatimes.com.
15TH	41	Revision		Internal Viva Voce

Prepared By:

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