

LECTURE PLAN:- (PE-CS-A410A)

NAME OF FACULTY : Er. Jyoti Sharma(Theory)

DISCIPLINE : B. Tech. Computer Science and Engineering

SEMESTER : VIIITH

SUBJECT : Web And Information Technology

LESSON PLAN DURATION : 15 weeks (Feb 2023-June 2023)

Work Load : L-3

LECTURE PLAN

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/ test)	Practical Day	Topic
1 st	1st	Introduction to Internet	NA	NA
	2nd	Owners of the Internet ,		
	3rd	Software requirement for the Internet		
2nd	4th	Hardware Requirement for the internet,	NA	NA
	5th	WWW		
	6th	ARPANET		
3rd	7th	History Of Internet and Basic Terminology of internet	NA	NA
	8th	Goverance on internet ,		
	9th	impact of internet on society- crime on/through the internet		
4th	10 th	The role of information architect,	NA	NA

		collaboration and communication.		
	11 th	Organizing information, Organizing web sites and Intranets		
	12 th	Creating cohesive organization systems, designing navigation systems		
5th	13 th	Types of navigation systems,	NA	NA
	14 th	Integrated navigation elements, designing navigation systems		
	15th	Searching systems, Searching your web site, designing the search interface.		
6th	16th	Setting up a connection:Hardware requirement	NA	NA
	17th	Selection of a modem, software requirement,		
	18th	modem configuration		
7th	19th	Common terminologies: Node, Host, Workstation, bandwidth, interoperability,	NA	NA
	20 th	Introduction to XHTML and HTML5, Images		
	21st	Revision of Sessional		

8th	22nd	Sessional 1	NA	NA
	23rd	Network, administrator, network security,		
	24th	Hypertext Links		
9th	25th	Lists	NA	NA
	26 th	Tables		
	27 th	Forms		
10th	28th	HTML5, Syntactic Differences between HTML and XHTML	NA	NA
	29th	Revision of Sessional		
	30th	Sessional 2		
11th	31st	Cascading Style Sheets: Introduction, Levels of Style Sheets	NA	NA
	32nd	CSS: Style Specification Formats, Selector Forms, Property Value Forms, Font Properties, List Properties		
	33rd	Introduction to Python: Applications of python in information industry.		
12 th	34 th	Introduction to Python, Data Types,	NA	NA
	35 th	branching programs		
	36 th	control structures		
13 th	37 th	Array and input, iteration.	NA	NA
	38 th	Functions and Scoping: Functions and scoping		

	39 th	recursion and global variables		
14 th	40 th	Creation, insertion and deletion of items: strings, tuples	NA	NA
	41 st	Lists and Dictionaries.		
	42 nd	Classes and objects-oriented programming: Abstract data types and classes,		
15 th	43 rd	inheritance	NA	NA
	44 th	Revision of Sessional		
	45 th	Sessional 3		