ACADEMIC LESSON PLAN 2023 (WINTER)

Discipline: Information Technology	Semester : 5th	Name of the Teaching faculty: Pranati Pattnaik
Subject : Internet & Web Technology	No.of Days/per week class allotted : 04	Semester from date : 01/08/2023 to 30/11/2023 No. of weeks : 17
Week	Class Day	Theory / Practical Topics
1st Week (1st Aug-5th Aug)	1st	Computer network
	2nd	Concept of Internet, Intranet, Modem
	3rd	IP Address, Internet Domains, CIDR Notation, ISP, TCP/IP
	4th	Question Answer Discussion/Quiz
2nd Week (6th Aug- 12th Aug)	1st	Introduction ot connectivity
	2nd	Medium and methods of connectivity, ISDN, VSAT, RF Link
	3rd	Working of Internet
	4th	Introduction to WWW, Application Level Protocol
3rd Week (14th Aug- 19th Aug)	1st	Web Browser, URL, Hyper text, Hyperlinks, Hypermedia
	2nd	Search Engine, Proxy sever, CGI, URI, Dreamweaver
	3rd	Question Answer Discussion/Quiz
	4th	Introduction to security
4th Week (21st Aug- 26th Aug)	1st	Types of security, Authentication & Authorization
	2nd	Firewalls, Encryption & Decryption, SSL
	3rd	Question Answer Discussion/Quiz
	4th	E-Mail, Email protocols
5th Week (28th Aug- 2nd Sept)	1st	Telnet
	2nd	FTP
	3rd	Newsgroup
	4th	Chartroom
6th Week (4th Sept - 9th Sept)	1st	Internet Relay Chat
	2nd	Video Conferencing
	3rd	E-Commerce
	4th	Question Answer Discussion/Quiz
7th Week 11th Sept - 16th Sept	1st	Static Websites
	2nd	Dynamic websites
	3rd	Web portals
	4th	Social Networking Sites
8th Week 18th Sept - 23rd Sept	1st	RSS Feed, Blog, Netiquette
	2nd	Question Answer Discussion/Quiz

	3rd	Design a webpage, Good Web Design
	4th	HTML Introduction
9th Week 25th Sept - 30th Sept	1st	HTML Tags, Anchor Tag, Table Tag
	2nd	HTML Frames, Forms
	3rd	Disadvantages of HTML
	4th	Separating style from structure with style sheets
10th Week 2nd Oct -7th Oct	1st	CSS Rules, Types of CSS
	2nd	Question Answer Discussion/Quiz
	3rd	Introduction to script, Client side Scripting, Types of Scripting
	4th	Variables in JavaScript, Built-in Function
11th Week 9th Oct -14th Oct	1st	Arrays in JavaScript, Conditional statements, Loops
	2nd	Document Object Model
	3rd	Creating Functions, objects in JavaScript
	4th	Event handling in JavaScript
12th Week 16th Oct- 20th Oct	1st	Embedding JavaScript with HTML
	2nd	Working with Cookies
	3rd	Connecting database using JavaScript in HTML Page
	4th	Working with Browser, validating and submitting Forms
13th Week 30th Oct - 4th Nov	1st	Question Answer Discussion/Quiz
	2nd	Introduction to server side Scripting
	3rd	Components of SSS
	4th	Difference between CSS and SSS
14th Week 6th Nov-11th Nov	1st	Server side Scripting method
	2nd	JavaScript on server
	3rd	SQL
	4th	Question Answer Discussion/Quiz
15th Week 13th Nov-18th Nov	1st	Introduction to PHP
	2nd	Variables, string, operator types
	3rd	Conditional statement, Loops
	4th	Array
16th week 20th Nov - 25th Nov	1st	GET and POST Method and Sessions
	2nd	Question Answer Discussion/ Quiz
	3rd	Revision
	4th	Revision
17th Week 27th Nov-30th Nov	1st	Revision
	2nd	Revision

29/7/2023

Signature of the faculty