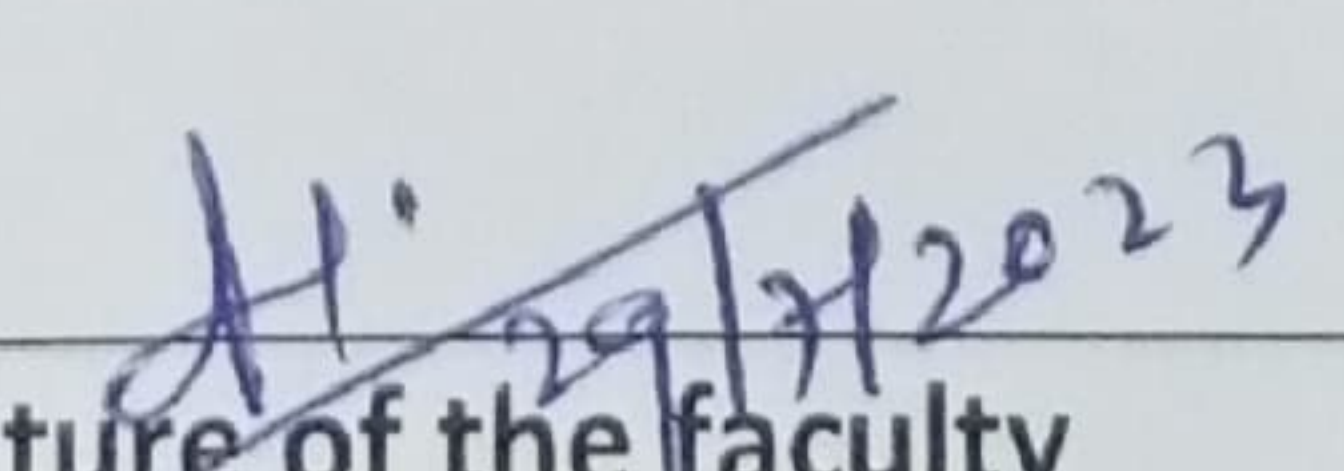


ACADEMIC LESSON PLAN 2023 (WINTER)

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
1 st Week (1 st Aug-5 th Aug)	1 st	Computer network
	2 nd	Concept of Internet, Intranet, Modem
	3 rd	IP Address, Internet Domains, CIDR Notation, ISP, TCP/IP
	4 th	Question Answer Discussion/Quiz
2 nd Week (6 th Aug- 12 th Aug)	1 st	Introduction of connectivity
	2 nd	Medium and methods of connectivity, ISDN, VSAT, RF Link
	3 rd	Working of Internet
	4 th	Introduction to WWW, Application Level Protocol
3 rd Week (14 th Aug- 19 th Aug)	1 st	Web Browser, URL, Hyper text, Hyperlinks, Hypermedia
	2 nd	Search Engine, Proxy sever, CGI, URI, Dreamweaver
	3 rd	Question Answer Discussion/Quiz
	4 th	Introduction to security
4 th Week (21 st Aug- 26 th Aug)	1 st	Types of security, Authentication & Authorization
	2 nd	Firewalls, Encryption & Decryption, SSL
	3 rd	Question Answer Discussion/Quiz
	4 th	E-Mail, Email protocols
5 th Week (28 th Aug- 2 nd Sept)	1 st	Telnet
	2 nd	FTP
	3 rd	Newsgroup
	4 th	Chartroom
6 th Week (4 th Sept - 9 th Sept)	1 st	Internet Relay Chat
	2 nd	Video Conferencing
	3 rd	E-Commerce
	4 th	Question Answer Discussion/Quiz
7 th Week 11 th Sept - 16 th Sept	1 st	Static Websites
	2 nd	Dynamic websites
	3 rd	Web portals
	4 th	Social Networking Sites
8 th Week 18 th Sept - 23 rd Sept	1 st	RSS Feed, Blog, Netiquette
	2 nd	Question Answer Discussion/Quiz

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


 Signature of the faculty