LESSON PLAN

SUB: INTERNET AND WEB TECHNOLOGY
BRANCH:- COMPUTER SCIENCE& ENGG.

SEMESTER:5th
NAME OF FACULTY: SOUDAGR JENA (GF in CSE)

GOVERNMENT POLYTECHNIC, BHADRAK
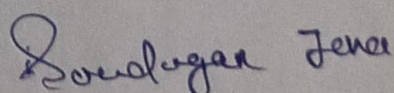
SESSION-2025-26

HOD,cse

Academic Co-ordinator
Academic Co-ordinator

principal

Discipline: Computer Science & Engineering	Semester:5th	Name of the faculty: Soudagar jena Lecturer cse(GF)
Subject: Internet and Web Technology	No. Of Days/Week Class Allotted: 4	Semester From Date:14/07/2025 To Date:15/11/2025 OF Weeks : 15

Week	Class Day	Theory/Practical Topics
1st	1st	**Internet Basics:** Computer network
	2nd	Concept of ,Internet ,Intranet
	3rd	Modem
	4th	IP Address
2nd	1st	Internet Domains ,CIDR Notation
	2nd	ISP,TCP/IP
	3rd	**Internet Connectivity &WWW:** Introduction to connectivity Medium and methods of connectivity ,ISDN ,VSAT , RF Link
	4th	Working of Internet ,Introduction to WWW
3rd	1st	Application Level Protocol
	2nd	Web Browser ,URL ,Hypertext ,Hyperlinks ,Hypermedia
	3rd	Search Engine
	4th	Proxy ,sever ,CG
4th	1st	URI, Dreamweaver
	2nd	Question Answer Discussion
	3rd	Quiz Test
	4th	**Internet Security:** Introduction to security ,Types of security
5th	1st	Authentication & Authorization
	2nd	Firewalls
	3rd	Encryption & Decryption ,SSL(Cont..)

	4th	Encryption & Decryption ,SSL
6th	1st	Question Answer Discussion
	2nd	**Internet Application: E-Mail , Email protocols**
	3rd	Telnet , FTP ,News group
	4th	Chartroom ,Internet Relay Chat ,Video Conferencing
7th	1st	E-Commerce
	2nd	Question Answer Discussion
	3rd	Quiz Test
	4th	**Web site Classifications: Static Web sites ,Dynamic web sites**
8th	1st	Web portals ,Social Networking Sites
	2nd	RSS Feed ,Blog ,Netiquette
	3rd	**Development of Portal s Using HTML: Design a web page,** Good Web Design ,HTML Introduction
	4th	HTML Tags
9th	1st	Anchor Tag, Table Tag
	2nd	HTML Frames
	3rd	HTML Forms ,Disadvantages of HTML
	4th	Separating style from structure with styles heets
10th	1st	CSS Rules
	2nd	Types of CSS
	3rd	Quiz Test
	4th	**Client side Scripting with java Script: Introduction to script,** Client side Scripting, Types of Scripting , Variables in Java Script, Built-in Function
11th	1st	Array sin Java Script ,Conditional statements
	2nd	Loops in Java Script ,Document Object Model
	3rd	Creating Functions ,objects in Java Script
	4th	Event handling in Java Script , Embedding Java Script with HTML
12th	1st	Working with Cookies ,Connecting database using Java Script In HTML Page ,Working with Browser ,validating and submitting Forms
	2nd	**Server Side Scripting: Introduction to server side Scripting,** Components of SSS

		3rd	Difference between CSS and SSS ,Server side Scripting method
		4th	Java Scripton server
13th		1st	SQL
		2nd	Question Answer Discussion
		3rd	**Server Side Programming using PHP: Introduction to PHP** ,Variables
		4th	string,
14th		1st	Operator types
		2nd	Conditional statement
		3rd	Loops
		4th	Array
15th		1st	GET and POST Method and Sessions
		2nd	Question Answer Discussion
		3rd	Question Answer Discussion
		4th	Quiz Test

Soudagar Jena

Signature of faculty