

LESSON PLAN

SUB: WEB TECHNOLOGY
BRANCH:- COMPUTER SCIENCE & ENGG.
SEMESTER: 3RD
NAME OF FACULTY: SOUDAGAR JENA (GF in CSE)



GOVERNMENT POLYTECHNIC, BHADRAK

SESSION: 2026-27


Hod, CSE


Academic Co-ordinator
Academic Co-ordinator


principal
Govt. Polytechnic, Bhadrak

DEPARTMENT OF COMPUTER SCIENCE & ENGG.,

LESSON PLAN

Discipline: Computer Science&Engineering	Semester: 5 th	NameoftheFaculty: Sri-Soudagar Jena Email ID: jenasoudagar@gmail.com
Subject: Web Technology	No.ofDays/week: 03	StartDate: 01/07/2026 EndDate: 05/11/2027

Week	ClassDay	Theory Topics
1st	1st	InternetBasics:Computernetwork
	2nd	ConceptofInternet,Intranet
	3rd	Modem
	4th	IPAddress
2nd	1st	InternetDomains,CIDRNotation
	2nd	ISP,TCP/IP
	3rd	InternetConnectivity&WWW:Introductiontoconnectivity Mediumandmethodsofconnectivity,ISDN,VSAT,RFLink
	4th	WorkingofInternet,IntroductiontoWWW
3rd	1st	Application-LevelProtocol
	2nd	WebBrowser,URL,Hypertext,Hyperlinks,Hypermedia
	3rd	SearchEngine
	4th	Proxyserver,CG
4th	1st	URI,Dreamweaver
	2nd	QuestionAnswerDiscussion
	3rd	QuizTest
	4th	InternetSecurity:Introductiontosecurity,Typesofsecurity
5th	1st	Authentication&Authorization
	2nd	Firewalls
	3rd	Encryption&Decryption,SSL(Cont..)
	4th	Encryption&Decryption,SSL
6th	1st	QuestionAnswerDiscussion
	2nd	InternetApplication:E-Mail,Emailprotocols
	3rd	Telnet,FTP,Newsgroup
	4th	Chartroom,InternetRelayChat,VideoConferencing
7th	1st	E-Commerce
	2nd	QuestionAnswerDiscussion
	3rd	WebsiteClassifications:StaticWebsites,Dynamicwebsites
	4th	Webportals,SocialNetworkingSites

8th	1st	RSSFeed, Blog, Netiquette
	2nd	Development of Portals Using HTML: Design a webpage, Good Web Design, HTML Introduction
	3rd	HTML Tags
	4th	Anchor Tag, Table Tag
9th	1st	HTML Frames
	2nd	HTML Forms, Disadvantages of HTML
	3rd	Separating style from structure with stylesheets
	4th	CSS Rules
10th	1st	Types of CSS
	2nd	Client-side Scripting with JavaScript: Introduction to script, Client-side Scripting, Types of Scripting, Variables in JavaScript, Built-in Function
	3rd	Arrays in JavaScript, Conditional statements
	4th	Loops in JavaScript, Document Object Model
11th	1st	Creating Functions, objects in JavaScript
	2nd	Event handling in JavaScript, Embedding JavaScript with HTML
	3rd	Working with Cookies, connecting database using JavaScript
	4th	in HTML Page, Working with Browser, validating and submitting Forms Server-Side Scripting: Introduction to server-side Scripting, Components of SSS
12th	1st	Difference between CSS and SSS, Server-side Scripting method
	2nd	JavaScript on server
	3rd	SQL
	4th	Question Answer Discussion
13th	1st	Quiz Test
	2nd	Server-Side Programming using PHP: Introduction to PHP, Variables
	3rd	string
	4th	operator types
14th	1st	Conditional statement
	2nd	Loops
	3rd	Array
	4th	GET and POST Method and Sessions
15th	1st	GET and POST Method and Sessions (Cont..)
	2nd	Question Answer Discussion
	3rd	Question Answer Discussion
	4th	Question Answer Discussion

Soumya Jena
Signature of faculty