

Government Polytechnic Sundernagar
Lesson Plan for Session Aug.2025-Nov. 2025

Subject: Web Technologies		Class: 3rd Sem Computer Engg.		Subject Teacher: Kumari Neena	
Sr. No.	Month	Week	Date	Name of Unit	Contents to be Taught
1	August	1	1st	Unit 1: Internet and World Wide Web	Brief History of the Internet, Structure of the Internet, Internet Services and Applications, Different Ways to Connect to the Internet, Common Internet Connection Issues and their Solutions, World Wide Web, HTTP, Familiarization with the Key Terms - Network Protocol, Web Server, Web Browser, Website, Web Application, Hypertext, Hyperlink, Search Engine, Proxy Server, URL, DNS
2		2	6th,7th		
3		3	13th,14th		
4		4	20th,21th,23rd	Unit 2: HTML5	HTML, HTML Coding Conventions, HTML Tag, Structure of HTML Element, Global Attributes - id,class,style,title,tabindex;Structure of a Web Page-<html>,<head>,<body>,<!DOCTYPE>,<title>and<meta>Elements;HTMLComments,Document Object Model(DOM)
5		5	27th,28th,30th		
6	September	1	3rd,4th,6th	Unit-3: HTML Basic Elements	Headings - <h1> ... <h6>; Paragraphs - <p>, Special Text Elements - <pre>, <code>, <q>, <var>; Lists : Ordered Lists (), UnorderedLists (); Attributes of List Elements:type, start; Nested Lists,LineBreak()andHorizontalRule(<hr>);TextFormattingElements-,,,<i>,<mark>,<u>,<sub>,<sup>;Tables-<table>,<thead>,<tbody>,<tfoot>,<tr>,<th>,<td>,<colgroup>,<col>;TableAttributes-cellspacing,cellpadding,border,rowspan,colspan; Headings - <h1> ... <h6>; Paragraphs - <p>, Special Text Elements - <pre>, <code>, <q>, <var>; Lists : Ordered Lists (), UnorderedLists (); Attributes of List Elements:type, start; Nested Lists,LineBreak()andHorizontalRule(<hr>);TextFormattingElements-,,,<i>,<mark>,<u>,<sub>,<sup>;Tables-<table>,<thead>,<tbody>,<tfoot>,<tr>,<th>,<td>,<colgroup>,<col>;TableAttributes-cellspacing,cellpadding,border,rowspan,colspan; Images-;ImageAttributes-src,alt;Hyperlink-<a>;HyperlinkAttributes-href,target;
7		2	10th,11th		
8		3	17th,18th,20th (Class Test-1)		
9		4	24th,25th,27th		
10	October	1	1st,4th	Unit-4: HTML Layout Elements	Block and Inline Elements, Creating Sections - <div>, ; Identifying Elements - id, class and nameattributes;Frames-<iframe>;HTML5SemanticElements-<main>,<header>,<footer>,<article>,<section>,<nav>,<aside>,<details>,<summary>,<time>,<figure>
11		2	8th,9th		
12		3	(Diwali Break)		
13		4	22nd,25th Class Test-II	Unit-5: Cascading Style Sheets	CSS Types - Inline, Internal, External; <style> and <link> elements; CSS Rule, Selector and Declaration; CSS Length Units; CSS Box Model; Setting Margins, Borders and Padding of Elements;CSSColors-ColorNames,RGBandHEXFormats;SettingColorsof Text,Background and Border; Styling Text - font-family, font-size, font-style, font-weight, font-transform, font-decoration, text-align; CSS Layout - position and float; Flexbox and Grid layouts; Styling Tables and Lists; Basic Animation using CSS, CSS Pseudo Elements and Pseudo Classes
14		5	29th,30th		
15	November	1	1st	Unit-6: Javascript	Role of Javascript in a Web Page, Embedding Javascript Code in Web Page, Javascript Variables - Naming,ScopeandLifetime,Hoisting;JavascriptOperators,ControlStatements;JavascriptArrays; Linking External Javascript File; Accessing and Manipulating HTML DOM Elements with Javascript; JavaScript, BuiltinJavascript Functions, User-defined Functions
17		3	12th,13th,15th		
18		4	19th,20th,22nd		
19		5	26th		

Signature of Teacher