



**Curriculum**  
**Subject - Computer Science (Code -165)**  
**Class - X**  
**Session 2026-2027**

Month	April	May	June	July
<b>Contents</b>	<b>Internet Basics / Internet Service and Mobile Technologies</b>	<b>Internet Service and Mobile Technologies/ HTML-I: Basic HTML Elements.</b>	<b>HTML-I: Basic HTML Elements/ HTML-II: Image ,Links and Tables</b>	<b>HTML-III : Audio, Video and Form</b>
<b>Learning Outcomes</b>	Students will be able to : <ul style="list-style-type: none"> <li>● Understand Internet Terminology.</li> <li>● Differentiate between server &amp; web-server, web-page &amp; web-site.</li> <li>● Analyze browsers and its types.</li> <li>● Understands about URL and its element.</li> <li>● Identify elements of URL.</li> <li>● Describe protocols such as HTTP, HTTPS, TCP / IP &amp;SMTP.</li> <li>● Generate, send &amp; receive e-mails.</li> <li>● Differentiate between Cc &amp; Bcc.</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>● Use Search Engines.</li> <li>● Describe FTP Protocol.</li> <li>● Analyze different web services.</li> <li>● Define Social Networking</li> <li>● Comprehend Mobile Technologies.</li> <li>● Analyze HTML and its capabilities.</li> <li>● Use HTML elements.</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>● Implement lists in HTML.</li> <li>● Insert images in a webpage.</li> <li>● Define and use SUB &amp; SUP tag.</li> <li>● Able to create Tables in HTML.</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>● Insert audio and video in an HTML document.</li> <li>● Use EMBED tag</li> <li>● Define and use html forms.</li> </ul>
<b>Skills</b>	Comprehension/Application	Comprehension/Application	Interpretation/ Application	Interpretation/Application/ Analysis
<b>Software</b>	Web-Browser.	Web-Browser/Notepad/Visual Studio	Web-Browser/Notepad/Visual Studio	Notepad/Visual Studio
<b>Competency skills based activity / Experiential learning</b>	Draw a diagram showing different parts of URL. Send an email to your parent once using Bcc and once using Cc, and note 5 differences you see. <b>Integration with: English and Social science</b>	Search about five different topics using five different search engine. <b>Integration with: English and Social science</b>	Create an HTML document and add tables in it. <b>Art Integration himachal Pradesh and pair state.</b> <b>Integration with: English, Social Science, math and Art.</b>	Create an HTML document by inserting audio and video in it. <b>Integration with: English, Social Science, math and Art.</b>

**Assessment:** Class Response, Homework, Class Test and Practical Work.



Month	August	September	October /November	November
<b>Content</b>	<b>HTML-III : Audio, Video and Form/ Cascading Style Sheet/ Project</b>	<b>Cyber Ethics/ Cascading Style Sheet/ Project</b>	<b>Cyber Ethics/ Project</b>	<b>Project</b>
<b>Learning Outcomes</b>	Students will be able to : <ul style="list-style-type: none"> <li>Describe how html forms work.</li> <li>Describe static and dynamic webpage.</li> <li>Implement CSS.</li> <li>Execute CSS elements and its properties.</li> <li>Analyze limitations of CSS.</li> <li>Create a <b>project</b> using html and CSS</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>Analyze limitations of CSS.</li> <li>Illustrate cyber ethics for e-commerce.</li> <li>Comprehend fraud and scam.</li> <li>Identify ethical issues.</li> <li>Describe open source philosophy.</li> <li>Comprehend freedom of information</li> <li>Create a <b>project</b> and make a website of your choice applying the concepts of HTML and CSS.</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>Identify ethical issues.</li> <li>Describe open source philosophy.</li> <li>Comprehend freedom of information.</li> <li>Create a project using html and CSS</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>Create a <b>project</b> and make a website of your choice applying the concepts of HTML and CSS.</li> </ul>
<b>Skills</b>	Application/ Analysis	Comprehension/Interpretation	Comprehension/Remembering/ Knowledge	Knowledge/Application
<b>Software</b>	Notepad/Visual Studio	Notepad/Visual Studio	-----	
<b>Competency skills based activity / Experiential learning</b>	Create a web-page using CSS. <b>Integration with : English, Math, Art.</b>	Create a presentation on any topic of your choice. <b>Integration with : English, Math, Art , Social science and commerce.</b>	List any fraud & scam that you experienced and suggest two prevention methods for the same. Create a project using html and CSS <b>Integration with : English and Social Science.</b>	Create a project and make a website of your choice <b>Integration with : English and Social Science.</b>

**Assessment:** Class Response, Homework, Class Test and Practical Work.