

HANSRAJ MODEL SCHOOL
PUNJABI BAGH, NEW DELHI
ACADEMIC PLAN
SESSION: 2024 – 2025
SUBJECT: COMPUTER APPLICATIONS
CLASS: X

MONTH	Topic	Sub-topic	Learning Intentions	Activity/Assignment
	Unit 1: Networking	<ul style="list-style-type: none"> • Internet: World Wide Web, web servers, web clients, web sites, web pages, web browsers, blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site. • Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS. Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP. • Services available on the internet: information retrieval, locating sites using search engines and finding people on the net; • Web services: chat, email, video conferencing, e-Learning, e-Banking, eShopping, e-Reservation, e-Governance, e-Groups, social networking. • Mobile technologies: SMS, MMS, 3G, 4G. 	<ul style="list-style-type: none"> • Students will learn about basic terms related to internet, internet protocols, web services 	Theory assignment
	Unit 2: HTML	<ul style="list-style-type: none"> • Introduction to web page designing using HTML: create and save an HTML document, access a web page using a web browser. • HTML tags: html, head, title, body, (attributes: text, background, bgcolor, link, vlink, alink), br (break), hr(horizontal rule), 	<ul style="list-style-type: none"> • Students will learn how to create web pages using HTML. • Students will learn various HTML tags for creating and formatting a web page. 	<ul style="list-style-type: none"> • Theory Assignment <ul style="list-style-type: none"> • Practical Assignments on creating web pages using HTML tags

		<p>inserting comments, h1..h6 (heading), p (paragraph), b (bold), i (italics), u (underline), ul (unordered list), ol (ordered list), and li (list item). Description lists: dl, dt and dd. Attributes of ol (start, type), ul (type).</p> <ul style="list-style-type: none"> • Font tags (attributes: face, size, color). • Insert images: img (attributes: src, width, height, alt), sup (super script), sub (subscript). • HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox. • Embed audio and video in a HTML page. • Create a table using the tags: table, tr, th, td, rowspan, colspan • Links: significance of linking, anchor element (attributes: href, mailto), targets. • Cascading style sheets: colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float. 		
	Unit 3: Cyber ethics	<ul style="list-style-type: none"> • Netiquettes. • Software licenses and the open source software movement. • Intellectual property rights, plagiarism and digital property rights. <ul style="list-style-type: none"> • Freedom of information and the digital divide. • E-commerce: Privacy, fraud, secure data transmission. 	<ul style="list-style-type: none"> • Students will learn about Netiquettes, software licenses, plagiarism etc. 	<ul style="list-style-type: none"> • Theory assignment
FEBRUARY	Revision	Discuss technique of answering questions with proper marking scheme		Previous year question papers Sample Question paper