

Gopi Birla Memorial School 2024-25

GRADE X COMPUTER APPLICATION

VRUSHALI PATIL

ANNUAL PLAN

| MONTH | MAIN CONTENT/CHAPTERS | ACTIVITIES |
|------------|---|---|
| APRIL 2024 | <p>THEORY</p> <p>UNIT 1: NETWORKING</p> <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 FILE TRANSFER PROTOCOLS: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP. | STUDENTS WILL BROWSE THE INTERNET TO UNDERSTAND THE CONCEPTS |
| JUNE 2024 | <ul style="list-style-type: none"> • 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. | <p>STUDENTS WILL BROWSE THE INTERNET TO UNDERSTAND THE CONCEPTS</p> <p>INTRODUCTION TO BLOG WRITING</p> |
| JULY 2024 | <p>PRACTICAL</p> <p>INTRODUCTION TO WEB PAGE DESIGNING USING HTML:</p> <ul style="list-style-type: none"> • CREATE AND SAVE AN HTML | WEB PAGE CREATION PA1 |

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| | <p>DOCUMENT, ACCESS A WEB PAGE USING A WEB BROWSER.</p> <ul style="list-style-type: none"> •HTML TAGS: HTML, HEAD, TITLE, BODY, (ATTRIBUTES: TEXT, BACKGROUND, BGCOLOR, LINK, VLINK, ALINK), BR (BREAK), HR(HORIZONTAL RULE), 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). | |
| AUGUST 2024 | <p>PRACTICAL INTRODUCTION TO WEB PAGE DESIGNING USING HTML</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, COMBO | WEB PAGE CREATION |
| SEPTEMBER 2024 | .PRACTICAL | WEB PAGE CREATION PA 2 PRACTICAL TEST 1 |
| OCTOBER 2024 | <p>PRACTICAL INTRODUCTION TO WEB PAGE DESIGNING USING HTML</p> <ul style="list-style-type: none"> •CREATE A TABLE USING THE TAGS: TABLE, | WEB PAGE CREATION PA 3 |

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|---------------|---|------------------------------|
| | TR, TH, TD, ROWSPAN, COLSPAN •LINKS: SIGNIFICANCE OF LINKING, ANCHOR ELEMENT (ATTRIBUTES: HREF, MAILTO), TARGETS. INTRODUCTION TO WEB PAGE DESIGNING USING HTML •EMBED AUDIO AND VIDEO IN A HTML PAGE | |
| NOVEMBER 2024 | PRACTICAL INTRODUCTION TO WEB PAGE DESIGNING USING HTML •CASCADING STYLE SHEETS: COLOUR, BACKGROUND-COLOUR, BORDER-STYLE, MARGIN, HEIGHT, WIDTH, OUTLINE, FONT (FAMILY, STYLE, SIZE), ALIGN, FLOAT | WEB PAGE CREATION |
| DECEMBER 2024 | THOERY NETIQUETTES. • SOFTWARE LICENSES AND THE OPEN SOURCE SOFTWARE MOVEMENT. • INTELLECTUAL PROPERTY RIGHTS, PLAGIARISM AND DIGITAL PROPERTY RIGHTS. • FREEDOM OF INFORMATION AND THE DIGITAL DIVIDE. • E-COMMERCE: PRIVACY, FRAUD, SECURE DATA TRANSMISSION | WRITE A BLOG PRELIM 1 |
| JANUARY 2025 | REVISION | PRELIM 2 PRACTICAL TEST 2 |
| FEBRUARY 2025 | REVISION | |
| MARCH 2025 | BOARD EXAM | |

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