NAVODAYA VIDYALAYA SAMITI,

CLASS : VIII   SUBJECT : COMPUTER (BASICS & FOUNDATION

DISTRIBUTION OF MARKS					
Unit No.	Unit Name	Marks		Periods	
		Theory	Practical	Theory	Practical
1	**Introduction to Excel -2**	**20**	**20**	**10**	**10**
2	**Introduction to HTML**	**20**	**20**	**6**	**12**
3	**Introduction to Problem Solving and Programming**	**10**	**10**	**8**	**7**
Total		**50**	**50**	**24**	**29**

Month.	No. of Days	No.of periods	Weightage of Marks for Unit/Chapter	Units/Subunits/Topics/Chapters to be Covered	Details of Activity/Practical/ Projects
April	22	08	20 M	**INTRODUCTION TO EXCEL-2** **WORKING WITH SHEETS** • Creating / deleting sheets • Renaming sheets. • Copying / moving sheets • Inserting new row and column. • Deleting / hiding the rows and columns	• Laboratory Practice to be done on all the concepts Creating, Deleting, Renaming, Copying, Moving sheets and Row • Insertion/deletion, Column Practical test can be conducted.
PWT-01/UT- 01 (26-29 APRIL 2024)					
JULY	27	08		**(Continued………..** a) Changing the width and height of the column and row b) Finding and select the data in a given range. **VIEW MENU** • Gridlines. • Freeze panes. • View side by side • Synchronous scrolling. • Merging the cells. • Split the cells.	Insertion/deletion, Changing width and height of rows and columns. **Laboratory**: Practice to be done on all the concepts (Showing grid lines, freezing panes, side by side view, merge cells, split cells, synchronous scrolling) Practical test can be conducted.

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AUGUST	22	06		**WORKING WITH CHARTS** • Create a chart • Edit a chart • Print a chart • Create a chart for a mathematical equation.	**Laboratory:** Practice to be done on all the concepts (Chart creation, editing, printing, mathematical equation) Practical test can be conducted.
				PWT-02/ UT- 02 (08-10 AUG 2024)	
SEPTEMBER	15	04	20 M	**INTRODUCTION TO HTML** Uses of HTML, HTML tags: • Head • Title • Body • Empty • Container tags, • Heading (H1 to H6) • • <hr> • <comment> Background colour, Font, Bold, Italic, Text Alignment and Paragraph	Children should be made familiar with the text editor. 1. Design a page in A4 sheet using all the tools taught. 2.Laboratory Practice to be done on all the concepts (Writing HTML tags, putting heading, changing background colour of web page, changing font style, size, colour, text alignment, writing paragraphs, creation of lists, etc) 3.Create a web page
				MID TERM (23 SEPT TO 04 OCT 2024)	
OCTOBER	22	06	20 M	**LIST** • Ordered list. • Unordered list. • Definition list. Background image Inserting image tag Anchor tag hyperlink	a) Design web page(s) in the same way that you have created in A4 sheet, using HTML Concepts. b) Laboratory Practice to be done on all Changing background image, adding image(s), showing flash message, linking pages) Create web pages and link them using hyperlinks.

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NOVEMBER	26	06		**INTRODUCTION TO PROBLEM SOLVING PROGRAMMING** ✓ Steps for problem solving. ✓ Introduction of Algorithm.	1. Draw a flow chart of steps involved in a program for solving simple computational problems
DECEMBER	20	05		✓ Understanding and preparing Flowcharts ✓ Evolution of programming language ✓ Types of programming language	1. Practical through Scratch online flowchart drawing tool for developing flowchart Practical through Scratch online platform. **Prepare a Chart on** ✓Types of Programming Languages ✓Evolution of Programming Languages ✓Prepare posters on examples of programming
				PWT-03/ UT -3 (12-14 DEC 2024)	
JANUARY	14	06	10 M	• Pseudo coding • Program • Compiler • interpreter	Languages. Any Assessment methodology can be used to assess the knowledge of students
FEBRUARY	REVISION				
				PWT-04/UT-4 (06-08 FEB 2025)	
MARCH	REVISION				
				TERM-END EXAM (17-28 MARCH 2025)	