



**First Term Curriculum**

**Session: 2023-24**

**Subject: Computer**

**Class: VII**

	<b>Feb- March</b>	<b>April</b>	<b>May</b>	<b>June</b>
<b>Content</b>	<b>Number System</b> <b>Calculation In Excel</b>	<b>Calculation In Excel</b> <b>Analyse data in Excel</b> <b>Excel 2016</b>	<b>Representation of Data in</b> <b>Excel 2016.</b>	<b>Go Online</b>
<b>Learning Outcomes</b>	Students will be able to: <ul style="list-style-type: none"><li>• Define Number system and categorize different types of number System.</li><li>• Comprehend different types of conversions in the number system.</li><li>• Comprehend cell, cell reference and its types.</li><li>• Type the formula using different methods.</li></ul>	Students will be able to: <ul style="list-style-type: none"><li>• Use functions to perform basic calculations.</li><li>• Apply Sorting in one column and more than one column.</li><li>• Comprehend and apply different types of filtration of data</li></ul>	Students will be able to : <ul style="list-style-type: none"><li>• Comprehend Charts and its components</li><li>• Categorize various types of charts.</li><li>• Format charts and its components using various chart tools.</li></ul> <b>Skills:</b> Understanding, knowledge, Application	Students will be able to : <ul style="list-style-type: none"><li>• Comprehend the basic terms related to the internet (Search engine, web feed, Email, news group, etc.)</li><li>• Comprehend videoconferencing, its advantages and application area.</li><li>• Enlist advantages and disadvantages of E-learning and E-shopping.</li></ul>
<b>Skills</b>	Understanding, Knowledge, Application	Understanding, Knowledge, Application	Understanding, Knowledge, Application	Understanding, Knowledge, Application
<b>Activity</b>	<ul style="list-style-type: none"><li>• Converting decimal number into binary number and vice versa</li></ul>	<ul style="list-style-type: none"><li>• Apply sorting and filtration on the data provided on the basis of given condition.</li></ul>	<ul style="list-style-type: none"><li>• After creating a table, create a bar chart and format it to make the chart eye-catching.</li></ul>	Write an Email to your friend.

**Assessments : Class test , Practical work**



**Final Term Curriculum**

**Session: 2023-24**

**Subject: Computer**

**Class: VII**

	July/August	September	October	November
<b>Content</b>	<b>Pivot Animation</b>  <b>Website designing :HTML basic</b>	<b>Website designing:HTML next step</b>	<b>Coding Club: QB64 Next steps</b>	<b>Coding clubs:Python Basics</b>
<b>Learning Outcomes</b>	Students will be able to: <ul style="list-style-type: none"> <li>• Categories different components of Pivot Animation window.</li> <li>• Comprehend different figure control buttons.</li> <li>• Load and format the stick figures.</li> <li>• Create figure types using different controls.</li> <li>• Comprehend HTML programming and its features.</li> <li>• Outline different HTML editors.</li> <li>• Define the basic structure of HTML.</li> <li>• Explain the basic HTML Tags.</li> </ul>	Students will be able to: <ul style="list-style-type: none"> <li>• Create different types of lists on the web page.</li> <li>• Insert image and create hyperlink.</li> </ul>	Students will be able to: <ul style="list-style-type: none"> <li>• Comprehend QBASIC and its interface.</li> <li>• Comprehend and execute QBasic statements</li> <li>• Comprehend and Execute conditional statements, Iteration statements.</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>• Comprehend python and its features.</li> <li>• Create a code in IDLE.</li> <li>• Write and save a Python file using script mode.</li> <li>• Comprehend the token and its types.</li> <li>• Comprehend print() function , math in python and some standard data types.</li> </ul>
<b>Skills</b>	Understanding, Knowledge, Application	Understanding, Knowledge, Application	Understanding, Knowledge, Application	Understanding, Knowledge, Application
<b>Activity</b>	<ul style="list-style-type: none"> <li>• Create small graphics .</li> <li>• Brainstorming activity to identify the controls and write their function for building an animated figure</li> </ul>	<ul style="list-style-type: none"> <li>• Writing the HTML program to design the given webpage.</li> <li>• Create a web page with a list and image</li> </ul>	<ul style="list-style-type: none"> <li>• Write a program to print odd and even numbers .</li> </ul>	<ul style="list-style-type: none"> <li>• Write a program to multiply two numbers.</li> </ul>

**Assessments : Class test , Practical work**