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| **SAINIK SCHOOL KODAGU**  **CLASS VI ARTIFICIAL INTELLIGENCE(417)**  **DATE WISE SPLIT UP OF SYLLABUS** | | | |
| **SNO** | **MONTH** | **SYLLABUS COVERAGE** | **Remarks** |
|  |  | **UNIT-1 Computers ‘ and computer Languages** |  |
| **1** | **June** | Define computer, Major components of computer |  |
|  |  | Types of computers: Desk top computers, game console |  |
|  |  | Mobile computers , Tablet computers , Mini computers |  |
|  |  | Mainframe computers , Super computers, Embedded computers |  |
|  |  | Computer Languages and their types |  |
|  |  | **Unit-II File Management and Organization of data** |  |
|  |  | Define File , folder, disk drives and storage device |  |
|  |  | Opening Files and Folders , To move /copy a file or folder |  |
|  |  | Moving files and folders to removable storage media |  |
|  |  | Working with Multiple applications |  |
| **2** | **July** | Starting applications/programs , window control buttons |  |
|  |  | Finding/searching files on computer |  |
|  |  | Wild cards and various file formats |  |
|  |  | **Unit-3 Word processor : Tabular presentation** |  |
|  |  | Inserting a table in word document |  |
|  |  | Selecting rows/columns/cells , inserting rows, columns, cells |  |
|  |  | Deleting cells, rows, columns and splitting tables |  |
|  |  | Applying borders and shading , resizing table cells, align text |  |
| **3** | **Aug** | **Unit-4 :Presentation Basics with power point** |  |
|  |  | Steps for creating presentation, Creating title slide and adding new slides |  |
|  |  | Applying themes, Adding a picture , Adding clipart, adding shapes |  |
|  |  | Viewing slide show, Transitions and animations |  |
|  |  | Custom animations , creating our own animation effects |  |
|  |  | **Creating links** |  |
| **4** | **Sep** | **Unit-V Introduction to Scratch programming** |  |
|  |  | Parts of scratch programming window |  |
|  |  | Types of blocks, programming with scratch |  |
|  |  | Motion blocks with programming examples |  |
|  |  | Directions in scratch ,custom sprites and backdrop design |  |
|  |  | **Pen blocks, Working of stamp, Drawing shapes** |  |
|  |  | Sound Blocks |  |
| **5** | **oct** | **Unit – 6 : Introduction to HTML** |  |
|  |  | Define web terminology , structure of HTML document |  |
|  |  | Creating a webpage using HTML element |  |
|  |  | **Basic formatting tags, Basics of image tags** |  |
|  |  | Tables in HTML |  |
|  |  | Forms in HTML |  |
| **6** | **NOV** | **Unit-7 : Basics of Internet** |  |
|  |  | Fair Internet usage , Potential threats |  |
|  |  | Creating a web based Email account, Using Email |  |
|  |  | Structure of Email message |  |
|  |  | Google drive and blogging |  |
| **7** | **Dec** | **Unit -8 Introduction Excel** |  |
|  |  | Parts of excel spread sheet |  |
|  |  | Define cell, range, formatting cells |  |
|  |  | Inserting rows , columns, cells,sheets |  |
|  |  | Protecting and un protecting sheet , Hiding and un hiding sheet |  |
|  |  | Cell referencing with examples |  |
| **8** | **Jan** | Formulas and functions in excel |  |
|  |  | **Basic mathematical functions** |  |
|  |  | Statistical functions in excel |  |
|  |  | Date functions in excel |  |
|  |  | Sort, filter and advanced filters |  |
|  |  | Tables in excel concept |  |
| **9** | **Feb** | Page layout in word processor |  |
|  |  | Inserting shapes, pictures, audio and video files |  |
|  |  | Inserting charts, screen shots, online videos, comments |  |
|  |  | Headers and footers, equations and symbols, 3D models |  |
|  |  | Applying water mark , page color, page borders |  |
|  |  | **Formatting document using Home tab with options** |  |
|  |  | Review tab |  |
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