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| **SAINIK SCHOOL KODAGU**  **CLASS VII ARTIFICIAL INTELLIGENCE(417)**  **DATE WISE SPLIT UP OF SYLLABUS** | | | |
| **SNO** | **MONTH** | **SYLLABUS COVERAGE** | **Remarks** |
| **1** | **Apr** | **Unit-1 computer Hardware** |  |
|  |  | External hardware devices: Keyboard , Monitor, Mouse, printers |  |
|  |  | Speakers, micro phone , pen drive , |  |
|  |  | Internal Hardware devices : Motherboard , SMPS , RAM , Ports |  |
|  |  | Connectors and Hard drive. |  |
| **2** | **June** | **Unit-2: Spreadsheets** |  |
|  |  | Features of spread sheets |  |
|  |  | Components of spreadsheet |  |
|  |  | Types of data |  |
|  |  | Selecting cells and entering the formula |  |
|  |  | Inserting rows and columns |  |
|  |  | Sorting and filtering the data |  |
|  |  | Moving and copying data |  |
| **3** | **Jul** | Using Auto fill feature, Extending the series |  |
|  |  | Advantages of mail merge |  |
|  |  | Mathematical functions |  |
|  |  | Data Analysis functions |  |
|  |  | Logical functions |  |
| **4** | **Aug** | **Uni-3 Presentation- Visual Effects** |  |
|  |  | Working with different views |  |
|  |  | Animations tab and add transitions to slides |  |
|  |  | Inserting media: video clip , audio |  |
|  |  | Inserting action button and settings |  |
|  |  | Inserting material from other applications |  |
|  |  | Creating custom animations |  |
|  |  | Creating our own templates |  |
| **5** | **Sep** | **Unit -4 : HTML** |  |
|  |  | **Structure of HTML document** |  |
|  |  | Lists in HTML: Ordered and un ordered |  |
|  |  | Inserting images |  |
|  |  | Inserting Links |  |
|  |  | Inserting tables |  |
|  |  | Marquee with attributes |  |
|  |  | **Creating forms** |  |
| **6** | **Oct** | **Unit-V Scratch programming-I** |  |
|  |  | Menus , toolbars , the stage , the sprite and background |  |
|  |  | Script category : Motion , Looks , sound , pen , control ,sensing ,operators |  |
|  |  | Writing programs using scratch programming |  |
|  |  | **Block types and their usage** |  |
|  |  | Changing sprites and images |  |
|  |  | Choosing backdrop from Library |  |
|  |  | Loading backdrop from image file |  |
|  |  | Painting a sprite and increasing and decreasing size of sprite |  |
| **7** | **Nov** | **Unit -VI :Scratch Programming - II** |  |
|  |  | Creating costuemes |  |
|  |  | changing looks/shapes costumes |  |
|  |  | **Applying Graphical effect** |  |
|  |  | **Create /load costumes** |  |
|  |  | Code for animations |  |
|  |  | Scratch co-ordinate system |  |
|  |  | Controlling actions |  |
|  |  | Continuous loops |  |
| **8** | **Dec** | Create a simple maze game |  |
|  |  | **Create a two player racing game** |  |
|  |  | Advanced concepts in HTML & CSS |  |
|  |  | Attributes of body element |  |
|  |  | Concepts of frameset and frames |  |
|  |  | Attributes of table tag |  |
| **9** | **Jan** | Creating visiting card using word processor |  |
|  |  | **Creating biodata form using word processor** |  |
|  |  | Creating table and applying formulas in word processor |  |
|  |  | Preparing question paper using word processor |  |
|  |  | Data validation using excel |  |
|  |  | Sorting ,filtering , advanced filtering |  |
|  |  | Consolidation and pivot tables and pivot charts |  |
|  |  | Creating dashboards using marksheet |  |
|  |  | Dynamic filtering |  |
|  |  | Editing in master slide |  |
|  |  | Creating our own navigations using power point |  |
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