**ASSAM RIFLES PUBLIC SCHOOL PALLEL 26 SECT ASSAM RIFLES**

**SPIT UP SYLLABUS SESSION 2023-24**

**CLASS-VI SUBJECT - COMPUTER SCIENCE**

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| **Lesson No:** | **Topic name** | **Concepts** | **Skills** | **Learning outcomes** |
| **(Aril)** | Projects on Ms excel & power point presentation | Projects- attendance tracking project, beautiful artwork creation. Student information system etc. & presentation for the same using MS power point. | Practical skills presentation, organizing skills logical skills. | Able to design a mini software using excel. |
| **(June & July)** | Artificial intelligence | Introduction to AI- basic concepts of types exploring AI textures on mobile phone concept of smart living future of AI | Emerging trends | Able to identify the different domains use of AI applications in daily life. |
| **(Aug)** | More on Html | Web page design formatting inserting images. Its creating html tables. | Designing & presentation skills | Able to design a web page using tags & attributes |
| **(Sept)** | Multimedia | Images, audio, video, animation types of multimedia software window media player, VLC media player classic, media monkey etc. |  | Able to design a web attributes Able to machine multimedia software, audio video tools. |
| **(Oct & Nov)** | Python | Introduction to python- Getting started. Computational thinking modes of python- interactive & script modes Modes of python – interactive & script modes use of print() function introduction of python – script mode. (program- save& run) simple calculation program using operator. | Practical skills, observation skills, exploring skills, computational skills | Exposure to the new coding language. Able to explore simple calculations using python. |
| **(Dec & Jan** | Cyber security | Introduction to cyber security. Threats to security, virus & its styles, antivirus software. Uses& its types, concept of firewall & uses. Preventive measures. | Learning, thinking, discussion & exploring skills | Able to learn, connect& use the conceptual knowledge. |
| **(Feb)** | Pontoon movie maker | Introduction to pontoon techniques creating animation & presentations using pontoon. | Technical learning & presentation skills designing skills. | Able to design project based on different techniques learn. |