

Class VIII

CYBER

COMPUTER AND ITS BASIC ORGANISATION

- Basic organization
- Hardware and software
- Software categories
- Main components of a computer system
- Memory and storage device

ALGORITHM AND FLOWCHART

- Algorithm
- Steps to develop an algorithm
- Symbols used in flowchart

SPREADSHEETS (MS EXCEL)

- Starting MS Excel
- Commonly used terms in Spreadsheet
- Different tasks in a workbook
- Updates on MS EXCEL 2013
- Range of cells
- Sheet tab in a Spreadsheet
- Cell reference in a worksheet
- Functions used in MS Excel
- Creating a chart in MS Excel

HTML

- **Basic structure of an HTML document**
- **HTML tag**
- **Working in an HTML document**
- **Paragraph tag**
- **Line breaks**
- **Background and text color**

INTERNET AND VIRUS

- **How to access the Internet?**
- **Uses of the internet**
- **Connecting and disconnecting the internet**
- **Commonly used internet terms**
- **E-mail**
- **Computer Virus**
- **Source of virus**
- **Symptoms of virus attack**
- **Types of virus**
- **Protection against virus**

NETWORKING

- **Communication system**
- **Transmission media**
- **Transmission Signals**
- **Network topology**

- **Computer networks**
- **File Transfer Protocol(FTP)**
- **Uploading, downloading and sharing the files**

PROGRAM CODING JAVA

- **Compiler and Interpreter**
- **Data types in Java**
- **Functions of mathematical calculations**
- **Operators and expressions**
- **Basic sample programs**

LATEST DEVELOPMENTS IN THE FIELD OF IT

