## Microsoft Excel

- Demonstrating the basic mechanics and navigation of an Excel spreadsheet.
- Formatting techniques and presentation styles.
- Learning the use and utility of functions and formulas on excel spreadsheet.
- Working knowledge of organizing and displaying large amounts and complex data.
- Understanding the need and use of using Excel templates.
- Securing information in an Excel workbook.
- Manipulate data using data names and ranges, filters and sort, and validation lists
- Learning formulas, creating charts and graphs that can easily explain or simplify complex information or data.
- Analyzing data using Pivot Tables and Pivot Charts.
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  Application based excel projects and creating balance sheet

### **ADVANCED COMPUTER**

# C / C++ Programming Language

- Understanding constants, variables and keyword
- Understanding the basic terminology used in computer programming
- Writing, compiling and debugging programs in C language
- Using different data types in a computer program
- Execute programs
- Learn to take input from console
- Designing programs involving decision structures, loops, case control structure, pointers, functions, arrays and strings.
- Understanding the dynamics of memory by the use of pointers.
- Introduction to union programming
- Execute programs

### **WEB DESIGNING**

### CSS

- Use HTML to define the structure of content.
- Use Cascading Style Sheets (CSS) to format Web pages.
- Describe the evolution of style sheets from print media to the Web.
- Create style sheets that configure common color, size and text properties.
- Demonstrate the four different ways of applying CSS styles.
- Using links, lists and tables on Web pages
- Create CSS class and id selectors.
- Learning the concepts of inline, external and internal CSS
- Validate CSS