TOPICS OF COMPUTER SCIENCE SYLLABUS

**Data Basics**

* Introduction to Database concepts
* Data Concepts, Terminology and usage
* Database Design and Table Creation
* Formatting a Table
* Relationships
* Introducing forms
* Formatting and Creating Forms
* Creating Simple Queries
* Creating calculated Fields
* Locating and Replacing Information

**Programming Using C**

* Characteristics of High level Programming Languages
* Basic Structure of Programmed
* Creating, Editing and Saving a Source Programmed
* Compiling, Linking and executing a Program
* Variables, character, integer, long integer, floating point, double precision
* Input/output, printf, scanf, format specifier, field width specifier
* Operators: Arithmetic, Relational, Logical Operators
* Comments
* Loops: for loop, while loop, do-while
* Decision: if statement, if-else Statement, else-if, Switch Statement, Conditional Operator
* Importance of Functions
* Simple functions
* Function Passing Arguments and Returning Values
* Open file, Read, Write, Append and Close File