**C & C++ Value Added Course**

**Product Management System in C**

1. Operators and Conditional statements
2. Character Based Switch
3. Loops and Arrays
4. Nested Loops and multi-dimension Arrays
5. Functions
6. Creating own header files
7. Structure
8. Pointers
9. Macros
10. File handling with text and binary stream
11. File inclusion (linking files)
12. Operation on structure object in file
13. Coloring texts on console
14. Design and format output at console

**Student Management System in C++**

1. Header file inclusion
2. Structure and Pointers
3. Pointer TypeCasting
4. Macros
5. OOPS methodology
6. Classes and objects
7. Inheritance
8. Polymorphism
9. Encapsulation
10. Abstraction
11. Class object Persistance
12. Streams and File Handling
13. Operation on structure object in file
14. Coloring texts on console
15. Design and format output at console