

C/C++ TRAINING CONTENT

- Introduction to visual studio
- Creating project in visual studio IDE.
- Background of C/C++.
- Using Variables
- Types of variables
- Input & output streams
- Validation of data
- Arithmetic Operators
- Assignments
- Logical Operators
- Bitwise Operators
- Conditions like if / else / switch
- Arrays
- for loops & nested for loops
- while loop & do while loop
- Functions
- Overloading functions
- Passing variables to functions etc.
- References
- Pointers
- Dynamic allocation of memory
- Classes
- Object oriented programming
- Class and function templates.
- Creating multiple CPP and header files.
- Polymorphism.
- Inheritance.
- Namespaces
- Exceptions
- String handling
- File handling
- Debugging programs in visual studio

CREO TOOLKIT TRAINING CONTENT

- Introduction to Creo customization
- How Creo links with the Auxiliary application?
- Structure and usage of protk.dat file
- Configuring in Visual Studio & linking with Creo libraries
- Debugging Creo applications in visual studio
- Adding Menu & Menu Buttons
- Create, open & save Creo files through program
- Displaying Messages
- Visiting components
- Visiting Features
- Visiting Geometry
- Evaluating Geometry
- Creating/Editing/Deleting model parameters
- Units & unit conversion
- Working on mass properties
- Assigning materials to parts
- Coordinate Transformations
- Assembling components with assembly constraints
- Assembly Component paths
- Suppressing components
- Show/Hide Components
- Setting the views
- Import, Export Geometries (IGES, STEP etc.,)
- Read, write data to and from Excel/XML/Notepad
- Creating/Editing/Deleting views
- Creating/Editing/Deleting dimensions
- Creating/Editing/Deleting notes
- Adding/removing Sheets
- Working with Tables
- Title block & Attributes
- Drawing parameters
- BOM
- User interface dialogs
- Interface and Notifications
- Feature Creation Overview
- Feature Creation Standard Features