

CETPA INFOTECH PVT. LTD.
CURRICULUM OF AFT FATHOM

DURATION: 6 Week

❖ **Getting Started With AFT Fathom**

- Overview of AFT Fathom
- Walk Through Examples
- Engineering Assumptions
- Who Can use AFT Fathom

❖ **Menus and Toolbars**

- File Menu
- Edit Menu
- View Menu
- Analysis Menu
- Tool Menu
- Database Menu
- Arrange menu
- Window Menu
- Help Menu

❖ **Understanding the Modeling Process**

- Fundamental Concepts
- Primary Windows
- Working With Pipe and Junction Objects
- Using the checklist
- Scenario Manager
- Special Modeling Features

❖ **Inputting Data For Pipe and Junction Objects**

- Highlight Feature
- Jump Feature
- The Quick Access Panel
- Pipe Properties Window
- Junction Properties Windows
- Global Edit Windows

❖ **Non Newtonian Viscosity Models And Utilities**

- Using Rheological Data
- Homogeneous Scale-Up
- Use Equivalent Length in Pipe Diameter (L/D)
- Note about Laminar Corrections for Fittings

❖ **Cost Calculation**

- Cost Application Manager
- Cost Database Window
- Cost Setting Window
- Cost Report
- Cost Summary Window

❖ **Customizing AFT Fathom**

- Customizing the Output
- Quick Graph Formatting Window
- Saving Visual Report Layouts
- Customizing Pipe Fitting & Losses
- Building Custom Database
- Setting up Network Database

❖ **Theory And References**

❖ **Troubleshooting Models**

❖ **Special Topics**

❖ **Add on Modules**

- GSC – Goal Seek & Control
- SSL – Settling Slurries
- XTS - Extended Time Simulation

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