



**IFS ACADEMY**

Training For The Future!!

## **Computer Aided Manufacturing using CAMWorks Course Curriculum**

### **Day I**

- Introduction to CAMWorks Interface
- Introduction to CAMWorks 2.5 axis mill
- Automatic Feature Recognition(AFR)
- Generate Operation Plan (GOP)
- Generate Toolpath (GTP)
- Toolpath Simulation
- Postprocessing
- Interactive Feature Recognition(IFR), Rebuild
- Avoid & Contain Area defining Pattern of features & operations
- Fundamentals of Tech DB ( Technology Database)

### **Day II**

- Introduction to CAMWorks 3 axis Mill
- Operations and toolpath generation
- Avoid and contain area definition. Selection of avoid faces and machine able faces
- Combination of 2.5 axis and multi surface feature in a single part
- Introduction to CAMWorks Turn (AFR,GOP,GTP,SIM,POST,IFR,REBUILD)
- Fundamentals of post

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