



International  
Accreditation  
Training Institute



# AVEVA EVERYTHING 3D Admin

Admin Course



KAGIRA DRAWING SOLUTION<sup>®</sup>

The Pioneer in Quality Education

# Syllabus

**Volume-I**  
**SYSTEM ADMINISTRATION**

**Volume-II**  
**PARAGON**

**Volume-III**  
**SPECORN**

**Volume-IV**  
**PROPCON**

**Volume-V**  
**LEXICON**

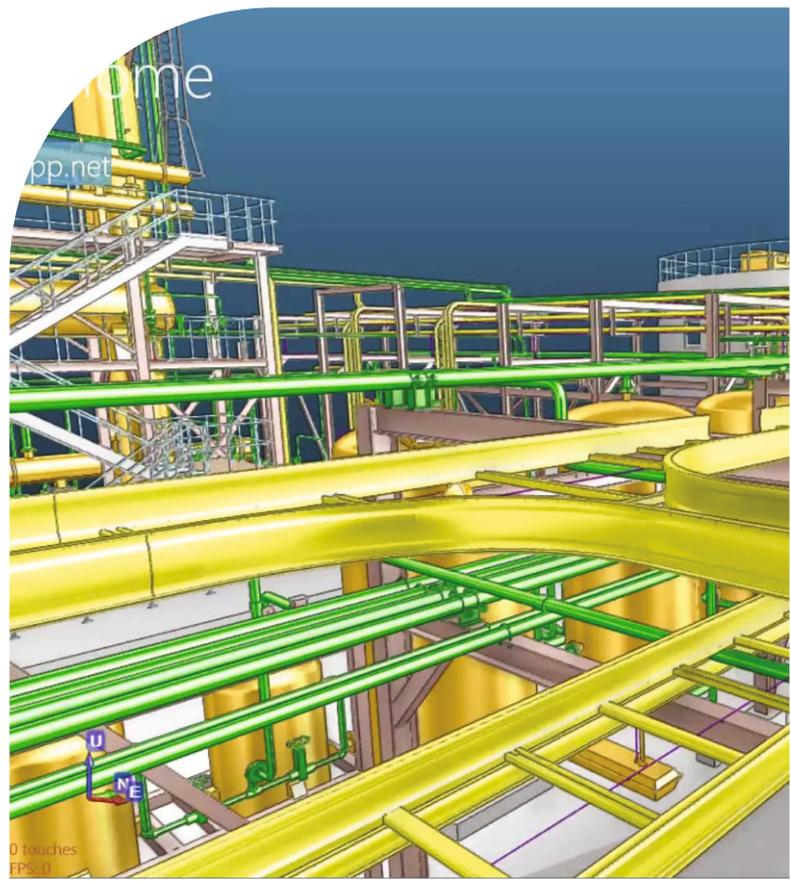
**Volume-VI**  
**DESIGN ADMINISTRATION**

**Volume-VII**  
**DRAFT ADMINISTRATION**

**Volume-VIII**  
**ISODRAFT ADMINISTRATION**

**Volume-IX**  
**SUPPORTS ADMINISTRATION  
(MDS)**

**Volume-X**  
**PROGRAMMING MACRO  
LANGUAGE (PML 1 & 2)**



# VOLUME-I

## SYSTEM ADMINISTRATION

- Overview of E3D&E3D ADMIN
- Introduction
- Aveva E3D Project
- Typical PDMS Project Databases
- Project Access
- Modifying Project Environment Variables
- Project Creation Wizard
- E3D Project Structure
- E3D Environment Variables
- Creating Teams, Users, Databases and MDB
- Creating Databases
- Copying Foreign Databases
- Database Sets
- Multiple Databases (MDBs)
- Inter Databases References
- Multiwrite Databases
- NT Authentication
- Database Stamps
- Project Setup Excel Import/Export
- Data Integrity Checking
- Data Consistency Checking
- Reconfiguring Databases
- Miscellaneous Administration Functions



# VOLUME-II

## PARAGON

- Catalogue Paragon Module – Overview
- Component Creation
- Creating Text Elements
- Component Part Families
- Piping Part Creation
- Piping Specifications
- Pipe Testing in Model
- Component Insulation and Specification
- Nozzle Specifications
- Bolting Table
- Design Variables, Parameters and Data Sets.
- Attachment Points (ATTA)
- Bends
- Sloping Pipes
- COCO Tables
- Error Messages
- Design Templates
- Basic Element Operation Commands
- Draft symbol set
- Create category for room design
- Understanding parameters
- Create, Categories and Templates
- Utilities
- Convert SPEC form
- Properties form
- Detail and material text
- 3D Geomset Primitives & Negative 3D Geomsets
- Constructing 3D Pointsets
- Geomset Primitive Representation
- Text definition form

## VOLUME-III

### SPECORN

- Introducing SPECORN
- Catalogue and specification
- How to use SPECORN
- Create Specification World Form
- Create Specification Form
- Create Part World Form
- Create Part Family Form
- Create DTSE Form
- Convert Spec Form
- Details of typical specifications
- Spec Generator Specific Tools
- Specification Structure Form
- Nozzle Specification Form
- Create Specification Form
- Bolting Specifications
- Command syntax diagrams
- Error Messages

## VOLUME-IV

### PROPCON

- Introduction
- Properties data
- Design layout data
- Material property data
- Case data
- Component data
- Constraints data
- Run data
- General commands
- Use of groups
- PROPCON syntax Graphs
- The properties database elements



## VOLUME-V

### LEXICON

- Overview of the Lexicon Module
- User- Defined Attributes
- User System Defined Attributes
- User Defined Element Type
- Status Control
- Starting Lexicon
- Dictionary Explorer
- Current Element Editor
- Creating Element
- Create UDA or USDA
- Create a UDET
- Valid Values
- Limits
- Creating new UDAs & copying UDA Definitions
- Use of Goto
- Handling of UDA in Reports and Expressions
- Handling of UDAs in data output Macros
- Handling OUDAs in Project Reconfiguration
- SPEC Selection



## VOLUME-VI

### DESIGNADMINISTRATION

- Overview of the Design Admin Module
- Assembly Manager
- New Grid world creation
- Create New Template World
- Create New Template Area
- Adding Local Name
- Standard Equipment Creation
- Property Definitions
- Parameters
- Order Local Name

## VOLUME-VII

### DRAFT ADMINISTRATION

- Draw Overview & Workflow
- Draw User Interface
- Draw Administration Defaults
- Sheet Libraries
- Drawing Templates
- Symbol Libraries
- 2D Symbolic Representation Administration
- Label Library Administration
- Tag Rule Libraries
- Visual Styles Administration
- Style Libraries
- Representation Rules
- Database Updates
- Plot Styles
- Auto Cad Sheet Import

## VOLUME-VIII

### ISODRAFT ADMINISTRATION

- Command Summary
- Setting UP ISO Draft
- Bolting
- Design Requirements
- Piping components in ISODRAFT
- Customising the drawing Sheet
- Material list and reports
- ISO Metric drawings
- Alphabetical Command reference
- Symbol keys
- Alternative Text
- Material Control file
- Standard ISO options creating Modifying
- Options E Plotting

## VOLUME-IX

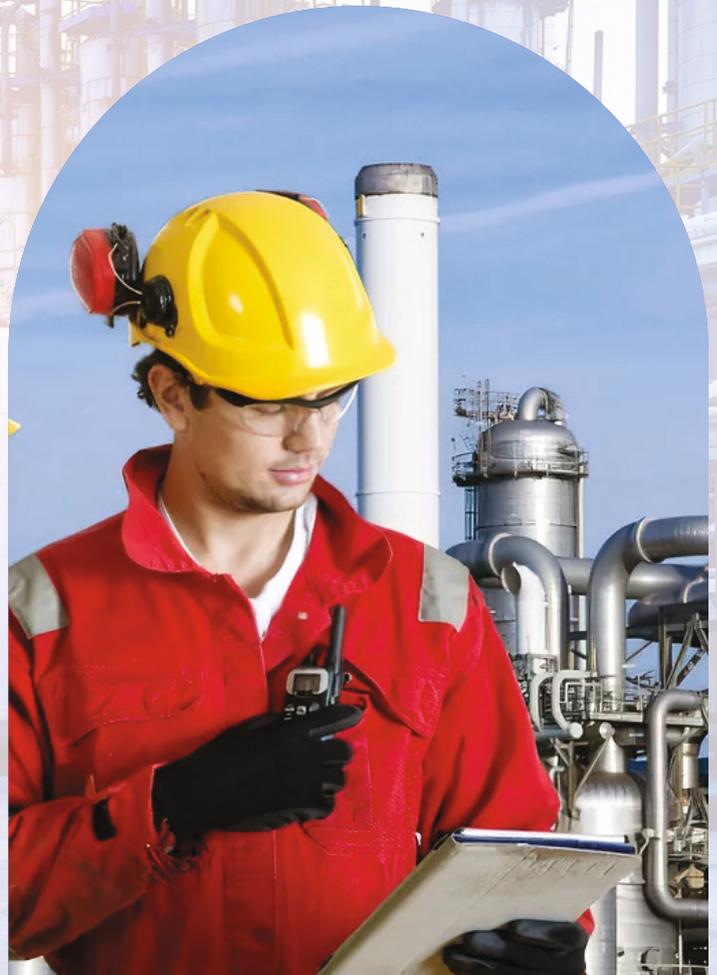
### SUPPORTS ADMINISTRATION

- Supports Projects and Databases
- Supports Active Control Form
- Supports Application Defaults
- Supports Admin Data
- Supports Ancillary
- Hangers Design Templates
- Supports Structure Data Form
- Supports Structure Data
- Supports Trunnion Defaults Form
- Supports- Auto Naming

## VOLUME-X

### PROGRAMMING MACRO LANGUAGE

- Overview of PML, Storage and dictionary area for PML files
- PML 1 & PML 2
- Bulit-in PML Objects
- Bulit-in PML function and methods
- PML Forms
- How to Customize the PMLUI
- PMLLIB environment Variable Education,



# World Class Oil & Gas Courses

## Design

- Aveva E3D
- Aveva PDMS
- SP 3D
- SP Instrumentation
- SP P&ID
- SP Electrical

## Engineering

- Caesar II
- PV Elite
- API 650 Tank
- Piping Engineering

## Admin

- E3D Admin
- SP3D Admin
- PDMS Admin

**KAGIRA DRAWING SOLUTION<sup>®</sup>**  
The Pioneer in Quality Education

No:2A, First Floor, Annanagar First Street, Velachery, Chennai, India- 600042  
Ph: 9500 100 966, 044 2454 2454, Email: [training@kagira.com](mailto:training@kagira.com)  
[www.kagira.com](http://www.kagira.com)

ONLINE TRAINING



[www.onlinepiping.com](http://www.onlinepiping.com)

PLACEMENT



[www.kagirajobs.com](http://www.kagirajobs.com)