



**IFS ACADEMY**

Training For The Future!!

# Advanced Diploma in CAD

(Duration: 3 Months)

(With 100% Placement Assistance)

## Course Curriculum

➤ ***Basics of Engineering Drawing***

Engineering Graphics, Machine Drawing, Limits, Fits & Tolerances, Drawing Reading, Standards, Manufacturing Processes, Machining Operations.

➤ ***Computer Aided Design using Pro/E WF***

Introduction to CAD/CAM/CAE, About PTC, PTC Products, GUI of ProE WF, Sketching, Part Modeling, Advanced Part Modeling, Assembly, Drafting, Sheet Metal, Introduction to Pro Mechanism, Project Work.

➤ ***Computer Aided Design using Catia***

Introduction to CAD/CAM/CAE, About Dassault Systems, Dassault Products, GUI of Catia, Sketching, Part Modeling, Advanced Part Modeling, Assembly, Drafting, Wire Frame and Surfacing, Generative Shape Design, Project Work.

➤ **Computer Aided Design using SolidWorks**

Introduction to CAD/CAM/CAE, About SolidWorks, SolidWorks Products, GUI of SolidWorks, Sketching, Part Modeling, Advanced Part Modeling, Assembly, Drafting, Sheet Metal, Surfacing, Introduction to PhotoWorks, Project Work.

➤ **Geometric Dimensioning & Tolerances**

Introduction, Part Features, Features of Size, Form Tolerances, MMC & LMC, Tolerances, Datum, Orientation Tolerance, Bidirectional, Profile, Concentricity & Symmetry Tolerances. Industrial Applications.

➤ **Soft Skills Training**

Résumé writing, Aptitude Test, Technical Test, Group Discussion Techniques, Interview techniques, Communication & Presentation Skills, Personality Development.

**Duration:** 3 Months

**Batches:** Morning / Afternoon

**Contact:**

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