

ady.
ADYAPAN

Adyapan
School

AutoCAD



Duration - 2 months

**Industry
Certification**



Skill India Certified

**250+
Partner Companies**

From sketch to scale Engineer with AutoCAD.

From drawings to precise designs - become industry-ready.

This immersive AutoCAD program takes you beyond foundational concepts into real-world drafting and design workflows. Learn 2D drafting, 3D modeling basics, dimensioning, and technical documentation through hands-on projects and guided exercises. With a strong focus on accuracy, standards, and industry practices, you'll graduate with the ability to create detailed engineering drawings, develop design layouts, and confidently deliver professional CAD solutions.

8

MODULES

30+

PROGRAM OFFERINGS

20,000+

STUDENTS

250+ PARTNERED COMPANIES



ABOUT ADYAPAN SCHOOLS

Where education meets real-world impact

Not just a course — a platform to launch
your career.

Adyapan Schools was built with a single conviction:
learning works best when it happens in the real world.
We partner with top companies, mentors, and industry
platforms to ensure every student graduates with a
portfolio of work that speaks louder than a certificate.

Our programs combine rigorous coursework with live
client projects, giving you the skills and proof-of-work
that employers actually want.

MISSION

To equip ambitious learners with
practitioner-level digital
marketing skills through mentor-
led, project-based education that
bridges the gap between learning
and earning.



VISION

To be India's most trusted
launchpad for the next generation
of marketing leaders — defined
not by degrees but by the real
work.



Everything you need to grow fast

PROGRAM HIGHLIGHTS

Live Industry Projects

Work on campaigns for real brands alongside your coursework. Build portfolio projects that prove your expertise to employers.

1-on-1 Mentorship

Dedicated mentors from Google, Microsoft, Mastercard and more. Get personalized guidance and industry connections.



AI-Powered Marketing

Learn cutting-edge AI tools alongside evergreen fundamentals. Stay ahead of the curve in a rapidly evolving landscape.



Dual Certification

Earn both a Course Completion and Internship Certificate – accredited by Skill India Digital Hub and NSDC.



Internship Guarantee

Graduate with an internship completion certificate from a live brand project. Concrete, resume-ready proof of work.



Industry Network

Join a network of alumni at Amazon, Google, Adobe, Microsoft. Access exclusive hiring events and referral opportunities.

8 weeks. 8 modules. Infinite impact.

WEEK 1

Introduction to AutoCAD & Basic Drawing Tools

- Discussion of Curriculum
- Understanding engineering drawing concepts, standards, and AutoCAD industry applications
- Exploring the AutoCAD Interface: ribbon, workspace, command line, and toolbars
- File setup, units, drawing templates, precision settings, and coordinate systems (Absolute, Relative, Polar)
- Basic 2D drawing tools



WEEK 2

Shapes, Object Snaps & Construction Tools

- Drawing commands: Arc, Circle, Centre Circle, Point Circle, and Object Snap
- Rectangle, Polygon, Ellipse, Point Command, and Construction Line tools
- Limit Command, Units configuration, and drawing environment setup
- Polyline advanced usage and practical shape-building exercises
- Assignments with solutions covering fundamental 2D geometry



WEEK 3

Modification & Editing Commands

- Pad & Pocket operations for base feature creation
- Shaft & Groove for revolving profiles
- Create and constrain fully associative 3D models
- Design reusable features and parameterize models
- Rib & Slot, Patterns, and Boolean operations



CURRICULUM

8 weeks. 8 modules. Infinite impact.

WEEK 4

Layers, Annotation & Dimensioning

- Creating and managing layers with filters and layer states
- Single Line Text, Multiline Text, Express Tools, and annotation scaling
- Dimensioning techniques: linear, aligned, angular, radius, and dimension style setup
- Fit, Tolerance, Quick Leader, Geometric Tolerance, and Alternate Units
- Drafting settings: snap, grids, polar tracking, and dynamic input



WEEK 5

Blocks, Attributes & Advanced Tools

- Define Block, Block Editor (Flip, Move, Scale, Stretch, Rotate, Array), and Block Insert
- Define Attributes, Design Centre, and External References (Xrefs)
- Group Command, Zoom Command, Selection Methods, and Multileader Style
- Welding symbols, Roughness marks, Thread drawings (Part 1 & 2), and Gear drafting
- Parametric constraints, Block Miscellaneous, and Express Tool panels



WEEK 6

Floor Plan Design & Project Documentation

- Floor plan concepts, space planning standards, and building norms
- Designing floor plans as per Indian building codes and industry standards
- Multi-view drawings: sections, elevations, and blueprints
- Plot styles, page setup, and printing professional drawings



CURRICULUM

8 weeks. 8 modules. Infinite impact.

WEEK 7

3D Modeling & Visualization

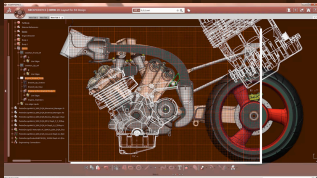
- Introduction to 3D workspace and User Coordinate System (UCS)
- Creating 3D primitives and complex solids: Revolve, Sweep, Loft
- Boolean operations: Union and Subtraction; 3D Fillet and Solid Editing
- Viewport setup, Section Plane, Project View, and 3D Dimensioning
- Materials, Isoplane, 3D Thread, and 3D Gear modeling; Live Project 2: Convert a 2D plan into a 3D model



WEEK 8

Assembly Design, Industry Applications

- Assembly design workflow: Fixed Jaw, Movable Jaw, Spindle, Lock Plate, Jaw Grip, Screw, and full Assembly
- BIM principles and role of AutoCAD in architecture, civil, and mechanical fields
- Preparing 3D models for 3D printing and CNC fabrication; exporting files and managing interoperability
- Best practices for drawing organization, documentation, and professional portfolio creation



WHO THIS IS FOR

This course is perfect for

Students & Career Switchers

Aspiring CAD Designers &
Drafting Professionals

Site Engineers & Project
Coordinators

Working Professionals in
Construction & Design Industry

Civil, Mechanical & Architectural
Engineering Students

Freelancers & Design
Enthusiasts in 2D/3D Drafting

CERTIFICATIONS



ALUMNI NETWORK

Our alumni work at world-class companies

Amazon

Adobe

Google

Autodesk

Microsoft

Deloitte

Your career switch is one click away.

Ready to begin? Apply at adyapanschool.com or email us at support@adyapan.com

Apply Now