

Introduction to CADD Centre and CAD courses

CADD Centre was started in 1988 with a prime objective of imparting quality CAD education.

With 30 years of expertise in the field of CAD and CAE, CADD Centre has become synonymous with CAD and largest training provider in the area of CAD, CAE and Project Management.

Computer Aided Design and Drafting (CADD) is a technology that is about the use of computers in the application of engineering design and development. The technology has grown to a very large extent and today any engineering project is nearly impossible to think of without implementing this technology.

CADD Centre Training Services, the world's largest network of institute for CAD Training. Spread across the globe, CADD Centre has its active presence in 28 countries. With over 850+ franchises, we have helped more than a million professionals graduated in courses on CAD, CAM, CAE, Graphic Design and Project Management. We are the premiere authorized training associate for software majors like **AutoDesk, PTC, Siemens, Dassault Sytemes, Oracle PRIMAVERA** and the largest Global Registered Education Provider of **Project Management Institute(PMI)**. We are happy to inform you that we are the authorized training partner for **Bentley Systems**, One of the most trusted Engineering Companies in the world.

CADD Centre's training programs are comprehensive and are structured in a way that will impart **industry specific skills** to students from various disciplines and executives from different industries. It caters to the needs of the various segments in Engineering like Mechanical, Civil, Architectural & Electrical and graduates.

CADD Centre courses are industry specific and have immediate relevance and use in the industrial world. At college, the student gains theoretical knowledge. But companies want candidates with good knowledge coupled with industry specific skills. CADD course bridges this gap and enables our customers to acquire the latest skills. Emphasis is given for both theory and practice to equip the trainee for applying acquired knowledge. The participants are encouraged to work on their own projects during the training program to make it more interacting, interesting and useful.

The curriculum for each course is developed by team of experts after a detailed study of customer needs. This team comprises of senior engineers with good industrial experience. The curriculum is evaluated with corporate users before release. Courses are designed to provide a good volume of knowledge and a high degree of skill.

Objectives:

1. To impart the highest degree of skill through industry specific training in CAD technology
2. To demonstrate a sound knowledge in creation of designs using Computer aided tools
3. To enhance the design's visual appearance and to make it economical and efficient
4. To equip individuals in the practical as well as the theoretical aspects of CAD tools to enable them to be industry ready
5. To provide the opportunity for gainful employment in High Technology areas

COURSEWARE

CADD Centre's Curriculum & Product development (CPD) team develops the courseware. Each book is conceived, prepared and printed after a thorough research on industry specific courses. The team consists of engineers, industry experts who are involved in the development of courseware. The course material is developed specially for instructor-led training as well as self- study material. The CPD team reviews the curriculum and updates as needed. Every student who enrolls for a course is provided with a reference manual which is of World Class Standards, comprehensive in coverage and with a nice layout that pleases the eyes!

MEDIUM OF INSTRUCTION: ENGLISH

HOURS OF TUITION PER DAY

THEORY: 2 hours per day in each subject

PRACTICALS /LAB: 2 hours per day in each subject and Project Work

PROJECT BASED ASSESMENT

Students are encouraged to work on their own projects during the training program. Project-based learning helps students to learn the subject and understand to meet the international standards. Project-based learning encourages students to use information, ideas, skill, to answer real-world questions and solve them. Projects will be assessed by the instructor. Apart from this periodical Seminar / Assignment / Tests will be conducted during the training program.

The advantages of project-based learning:

- Encourages higher-order thinking skills.
- Allows the instructor to be a facilitator of learning.
- Provides for ongoing student self-assessment.
- Provides real-world orientation.

COURSE PATTERN

PROFESSIONAL PROGRAM

CADD Centre's Professional programs on CAD / CAE / PPM is suitable for engineers and experienced diploma engineers. This program will help the participants to improve the productivity skills and improve their career prospects. Participants will benefit greatly from this program and will help them to keep abreast of the latest technology.

ADVANCED PROGRAM

CADD Centre's advanced programs are best suited for the fresh diploma and engineering students. This program gives the basic understanding and facilitates participants to make design comfortably.

INDIVIDUAL PROGRAM

This is the entry-level program which is best suited for students and graduates to have a basic understanding of CAD tools. This is the foundation on which all the vertical courses are built.

Course Code	Course Title	Duration	Software Used
	AutoCAD		AutoCAD AutoCAD Mech/Arch/Electrical
IF3	Project Management Concepts	24hrs	PPM Concepts
IF8	Microsoft Project	30hrs	Microsoft Project
IF7	ArchiCAD	60hrs	ArchiCAD
IF5	Staad Pro	60hrs	STAAD Pro
IF9	Creo Elements	60hrs	Creo Elements
IF10	SolidWorks	60hrs	SolidWorks
IF11	Certificate Course in 3DS Max	60hrs	3Ds Max
IF12	Advance in 3DS Max	30hrs	3Ds Max
IF13	Max for Engineers/Architects	60hrs	3Ds Max
IF15	Revit Architecture	60hrs	Revit Architecture
IF16	Ansys	60hrs	Ansys
PPM809	PMP Preparatory Program	40hrs	Theory
IF32	Revit MEP	60hrs	Revit MEP
IF33	Ansys Civil	30hrs	Ansys Civil
IF34	MX Road	60hrs	MX Road
IF35	ProSteel	60hrs	ProSteel

Course Code	Course Title	Duration	Software Used
IF36	Microstation	60hrs	Microstation
IF37	AutoCAD Civil 3D	40hrs	AutoCAD Civil 3D
IF38	Computer Aided Land Survey Using AutoCAD Civil 3D	24hrs	AutoCAD Civil 3D
IF39	AutoCAD Electrical	30hrs	AutoCAD Electrical
IF41	Building Estimation and Costing	24hrs	Quantity Takeoff
IF42	OrCAD Capture	40hrs	OrCAD Capture
IF43	OrCAD Pspice	32hrs	OrCAD Pspice
IF44	OrCAD PCB Editor	40hrs	OrCAD PCB Editor
IF45	CATIA	60hrs	CATIA
IF46	Solidworks Motion	40hrs	Solidworks Motion
IACMEP	Autocad MEP	60hrs	AutoCAD MEP
IF47	CAPM Preparatory Program	40hrs	CAPM
IF48	Geometric dimensioning & Tolerancing	16hrs	GD&T
IF49	Primavera Foundation	40hrs	Primavera
IF50	Primavera Scheduling Professional	56hrs	Primavera
IF51	Primavera Tracking Professional	56hrs	Primavera
IF52	Primavera Application Administration	48hrs	Primavera
IF53	Enterprise Project Management using Primavera	80hrs	Primavera
IF55	ETABS	60hrs	ETABS
IF56	IAD Creative CADD	80hrs	AutoCAD
IF57	IAD Foundation MAX	80hrs	3Ds Max
IF58	IAD Photoshop	40hrs	Photoshop
IF60	Primavera Advanced	40hrs	Primavera
IF66	5D BIM USING NAVISWORKS	24hrs	Navisworks
IF81	Matlab	50hrs	Matlab
IF82/IF83	PLC	60hrs	CX-Programmer/Simatic Manager
IF84/IF85	SCADA	60hrs	CX-Supervisor/Simatic WinCC
IF71	Inventor	80hrs	Inventor
IF72	AECOSim	100hrs	AECOSim

***Note: Please get in touch with your Centre to know more about course combinations**