

Assessment

Assessment of the students would be done on the following criteria's by a team of experts after completion of the course:

- ▶ Technical Interviews.
- ▶ CAD Practical and Theoretical Test
- ▶ Project Work
- ▶ Seminars
- ▶ Group Discussion
- ▶ Aptitude Test

CADCAMGURU Certification

CADCAMGURU is one of the most reputed organizations in CAD and CAE training. CADCAMGURU certification has a wide acceptance by the Industry today.

Advantage V3

- ▶ Knowledge beyond software skill.
- ▶ Courses designed by Industry experts to satisfy the need of today's engineering industry.
- ▶ Domain specific training for plastics, forgings, castings, sheet metal etc.
- ▶ Live project experience.
- ▶ Online placements.



Excellent Infrastructure

CADCAMGURU leaves no stone unturned when it comes to giving 'you' the very best. With a well equipped training division, complete with lab and classroom, and complemented by good collection of books and instructional DVDs, CADCAMGURU provides an environment that breeds talent and encourages creativity.



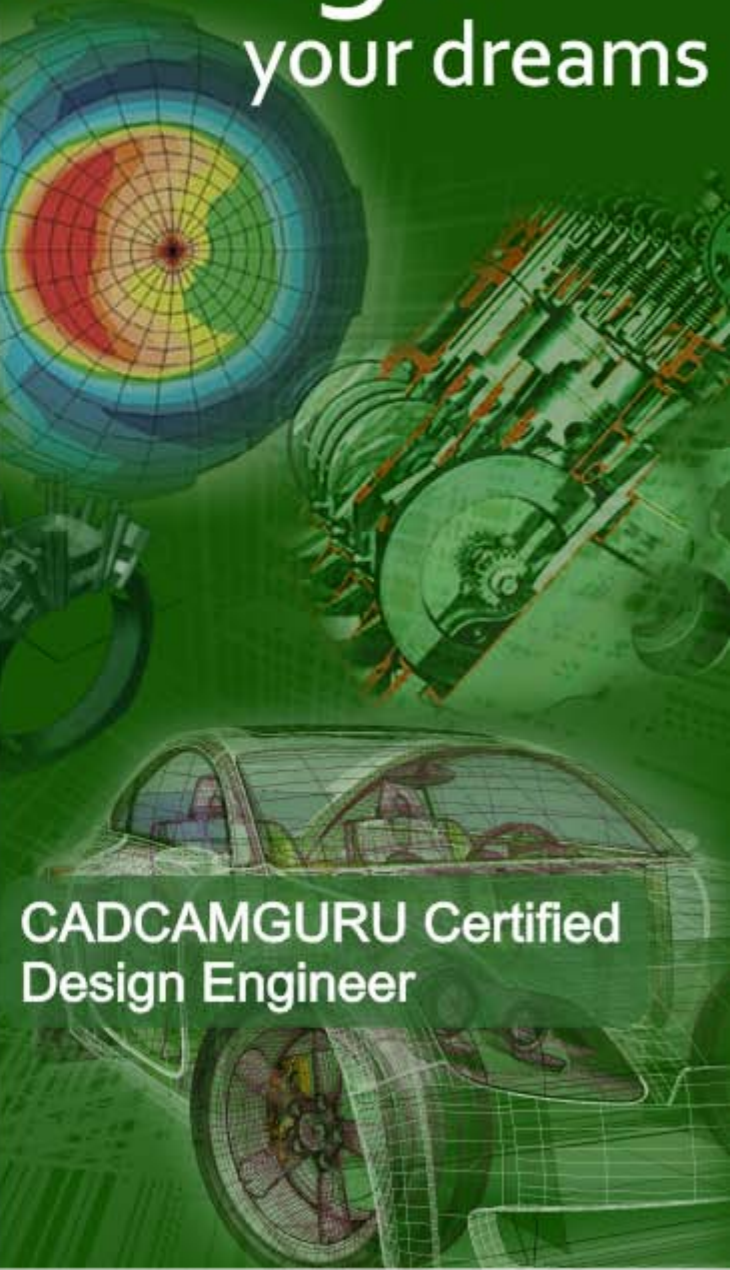
CADCAMGURU[®]

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CADCAMGURU[®]

Design your dreams



**CADCAMGURU Certified
Design Engineer**

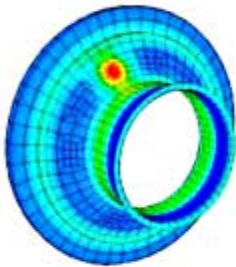


- ▶ Gain 6 months solid work experience on Live Projects.
- ▶ Work along with Professionals
- ▶ Get your work experience certified by us

CADCAMGURU Solutions Pvt. Ltd. is dedicated to training and research activities in the field of CAD & CAE and Product Engineering. Quality systems of the institute have been accredited for ISO 9001:2000 by NQA. These courses are implemented through a network of centers.

Designing with CAD & CAE

India's engineering services has grown beyond converting 2D drawings to 3D models. Today's engineer is expected to have skills beyond creating simple 3D models. Industry now needs engineers having domain specific design knowledge along with skill on various CAD and CAE software's.

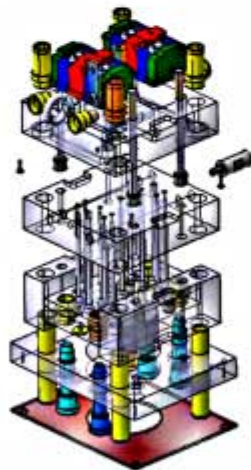


Keeping up with this need CADCAMGURU has improved its training programs and has introduced new training solutions to cater to these industry needs.

Better Design Knowledge

Training programs designed in consultation with Industry Experts.

- ▶ Domain specific know how through practical and project oriented training
- ▶ Six months project based hands-on experience on Design Projects
- ▶ More than 2000 students already working in Industry.



100% Placement Assistance

- ▶ Six months experience certificate from CADCAMGURU on completion of project training.
- ▶ Unlimited opportunities for interviews up to six months.
- ▶ Online Placements for all.

Leading CAD Softwares used in Industry

Software	Parent Company	Unique Features	Applications	Major Users
	Dassault Systemes, France	Sheet metal and Plastic component design	Aerospace & Automotive etc.	Tata Motors, Tata Technologies, TJC, TACO, Mahindra
	PTC, USA	Casting and molding component design	Pump, appliances, engine etc.	Whirlpool, Kirloskar group, John Deere
	Siemens PLM Solutions, USA	Sheet metal machine component & assembly design	Machinery & fabrication etc.	Emerson, Nichrome, PARI, EAGLE, AESSEAL
	Siemens PLM Solutions, USA	Forging & casting component design	Pump, appliances, engine etc.	Bajaj Auto, Bharat Forge, Kalyani Forge
	Dassault Systemes, France	Sheet metal machine component & assembly design	Machinery & fabrication etc.	Bilcare, Eaton, Technofour, Sulzer
	Autodesk, USA	3D mech design, product simulation, tooling creation	Machinery & fabrication etc.	Atlas Copco, Kirloskar Oil Engines
	Ansys Inc.	Engineering Analysis Solvers	Automotive & Appliances etc.	Whirlpool, Kirloskar Brothers
	Altair Engineer Inc.	Engineering Analysis modeling	Automotive & Aerospace etc.	TATA Technologies, Hyundai, TAFE
	MSC, USA	Engineering Analysis Solvers	Automotive & Aerospace etc.	TATA Technologies

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Eligibility

- ▶ Degree or Diploma from Mechanical, Production and Automobile streams
- ▶ Industry professionals with work experience.

Duration: One Year

Fees Course fees are non refundable and shall be paid at the time of confirmation of admission. Fees shall be paid by cash or D.D. in favour of CADCAMGURU Solutions Pvt. Ltd. Payable at Pune.

Amount of fees: Rs. _____ /- + taxes applicable

Course Contents

Theory:

- ▶ Drawing reading
- ▶ Design Fundamentals
- ▶ GD & T
- ▶ Material Properties for Design

CAD Practicals:

Using softwares like Pro|Engineer Wildfire and CATIA V5 Solid and surface modeling techniques for creating 3D models for

- ▶ Machined components
- ▶ Sheet metal components
- ▶ Plastic components
- ▶ Castings
- ▶ Forgings

Work with neutral CAD data

Create library of reusable components

Customize software toolbars for better usability

Assembly –

- ▶ Constraining
- ▶ Car - coordinates systems
- ▶ Top - down assembly design
- ▶ Manage large assemblies

Transfer CAD data between different CAD Software

Drafting and detailing with G D & T

CAE Practicals:

Using softwares like Ansys and Hypermesh

- ▶ Pre-processing
- ▶ Meshing and Mesh Quality
- ▶ Static structural & Thermal Analysis
- ▶ Transient Analysis
- ▶ Modal & Non-linear Analysis
- ▶ Post processing

Workshops:

- ▶ Spoken English
- ▶ Presentation Skills
- ▶ Group Discussions
- ▶ Interview Techniques
- ▶ Career Guidance
- ▶ Aptitude Test Series

Project Training:

6 months - Live design project work with certification