



# Attention Civil Engineers, Industry leaders now teach you success.



If you are a student of Civil Engineering, you have to grab this opportunity, as it is meant exclusively for you! Why? Because you'll be a part of the ACCE (Association of Consulting Civil Engineers) – a prestigious gathering of engineers from across the country. And guess what, this is open only to you - a student of CADD Centre.

CADD Centre in association with ACCE presents its students with a unique opportunity. As a current student of CADD Centre, you are entitled to privileges at affordable costs such as:

- ◆ A unique membership number and an ID card which will be valid until you complete your engineering degree.
- ◆ Information regarding the monthly meetings of ACCE passed on to you by the local centre.
- ◆ You will be allowed to participate in ACCE meetings with the professionals from the industry.
- ◆ Summer training programs, placement and project support will be provided during your final year.
- ◆ Participation in all seminars, conference and workshops conducted by ACCE.

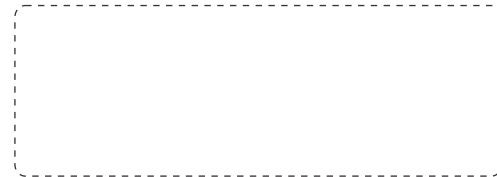
Avails special offers on student membership

For registration please visit [www.caddcentre.ws/acce.php](http://www.caddcentre.ws/acce.php)



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## Presenting, a scholarship that will change your life!

### Region: Tamil Nadu & Karnataka

Test dates: 14, 15 & 21, 22 December 2013

Contact your nearest centre for more details or visit [www.caddcentre.ws](http://www.caddcentre.ws)

Cash award of **₹25,000** for test toppers\*

Avail Scholarships up to **50%**



Please send your feedback to the Editor - Ms. P. Malarvizhi, Manager - International Business & Corporate Communications, CCTS at [p.malarvizhi@caddcentre.ws](mailto:p.malarvizhi@caddcentre.ws)  
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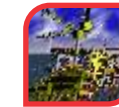


# CADDZOOM

MONTHLY NEWSLETTER

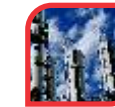
your CAD / CAM highway

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CADD CENTRE ANNOUNCES CADD QUEST 2014

# CADD Centre's Annual Meet at Chennai

## The Vision 2020 Envisages CADD Centre to Become US\$ 100 million Company

CADD Centre, Asia's largest training centre of design skill engineering, had organized its Annual Meet, between 18-20 November, 2013, at Chennai. Over 400 centre heads and representatives from about 400 franchisees in over 15 countries took part in this flagship event.

As a part of its Silver Jubilee celebrations, the franchise partner's community presented the founders of CADD Centre, Mr V Sathya Moorthy and Mr C R Vaitheeswaran with Lifetime Achievement award for their leadership, and honored Mr Parthasarathy, Co-chairman with Thought Leadership Award, for his vision for CADD Centre.

The event also witnessed presentation of awards to old employees, and CADD Centre vendors. Performance awards were given to successful and upcoming franchisees, in recognition of their hard work and perseverance. Motivational speaker Mr Shiv Kera of Qualified Learning Systems Inc. USA, conducted a one-day workshop to the conference attendees. The highlight of the event was the launch of Vision 2020 document of CADD Centre. The Vision envisaged that CADD Centre would become a US\$ 100 million company with about 1000 franchise centres and 10,000 employees with its presence in 50 countries by 2020.

Unveiling the Vision, Mr Karaiadi Selvan, Managing Director, CADD Centre, said that true to its learning spirit, CADD Centre will continually upgrade its course offerings to make sure its programs are relevant to industry and students, invest in world class coaching best practices, and identify complimenting opportunities with new brands, new products and new avenues for growth and profitability.

The Annual Meet provided a platform for franchisees to get a glimpse into the making of the CADD Centre movement in the past, and network with other franchise members.



# AVEVA PDMS

AVEVA PDMS 3D design software delivers maximum productivity and capability on all types of plant project, from the smallest upgrade to new build projects of unlimited size and complexity. PDMS users range from small engineering contractors to many of the largest multinational process and power companies.

PDMS includes comprehensive functions for all aspects of 3D plant design.

## Features:

- ❖ A fully interactive, intuitive 3D plant design environment, with a Microsoft Office-style user interface based on .NET technology
- ❖ Hundreds of designers can work concurrently on a project, in a fully controlled manner, with visibility of the entire design at all times.
- ❖ Designers progressively create a highly intelligent 3D design by selecting and positioning parametric components from an extensive catalogue.
- ❖ Clash checking and configurable integrity checking rules help a designer create 'right first time' design and enable effective overall design quality assurance.
- ❖ A configurable Status Management function provides visual highlighting and clear reporting of design maturity status of PDMS objects.
- ❖ Highly configurable, automatic generation of a wide range of reports and drawings direct from the PDMS database

## Information Sharing

- ❖ Share catalogue information across multiple projects, for consistency and standards compliance
- ❖ Share information between AVEVA Plant™ applications for Integrated Engineering & Design
- ❖ Use with AVEVA Global for seamless multi-site collaboration on a single, common project model
- ❖ Citrix Ready, for operation in a Cloud environment.

## Catalogues & Specifications

An extensive set of catalogues covers industry, national, and international standards, and includes piping, structural steel, ducting, hangers, supports and cable trays.

- ❖ Each catalogue provides parametric definition of all components in the required size ranges, ratings and types. For piping components, for example, data is stored related to connection types, physical and nominal size, material codes and bolt requirements.
- ❖ Engineering specifications control the way in which catalogue components may be used in the design.
- ❖ Standard catalogues can be defined once and shared across multiple projects
- ❖ Controlled changes to components and specifications are quick and easy to make and apply across the design.

Courtesy: [www.aveva.com](http://www.aveva.com)

CADD Centre has launched its first course on PDMS, which has its applications in chemical, petroleum, mechanical, aeronautical, and automobile industry, especially in the area of piping design. CADD Centre's PDMS course is an 80-hour course. PDMS users range from small engineering contractors to many of the large multinational companies process and power companies.

Being rolled out in its centres in Chennai, Cochin, Delhi, Mumbai, Kolkata, Bangalore and other cities and towns in a phased manner, PDMS course covers: equipment modeling, piping modeling, structural modeling, HVAC, cable tray and cabling system; draft, ISO-generation and Spooler, and report generation, among others.

Mechanical students, diploma and degree holders in an engineering stream, and aeronautical engineers, automotive engineers, chemical engineers, and petroleum engineers can enroll in the course. Even civil engineers will benefit from learning specific modules of PDMS.

## At CADD Centre, we help you master the following compatibilities of PDMS:

- ❖ Equipment & Piping Modeling: Preparation of 3D Piping Layout with reference to P&ID and 2D Piping Layout; Creation of equipment models using

existing paper drawings or static CAD files; 3D modeling of equipment, piping, structures, instrumentation and other facilities and extraction of detailed construction drawings and documents.

- ❖ Structural modeling, HVAC, Cable tray and cabling system
- ❖ Isometric generation and spooler: Preparation of Isometric drawing of piping route for Bill of Quantity; and creation of 2D Draft and Isometric Drawings using PDMS.

## Learning Outcome:

- ❖ You will know how to deliver 3D models of plants that meet the requirements of compliance in terms of safety codes, data integrity, interference, customer standards and engineering practices
- ❖ You will know how to generate composite Equipment and Piping layout drawings, structural, cable tray and ducting layout drawings, isometrics and reports such as Bill of Materials from 3D models



## CADD Centre Launches a New Course on PDMS

- ❖ You will be able to perform multiple design checks across the entire design eliminates errors, and enables 'right-first time' engineering.
- ❖ You will know how to create a single project database to ensure consistency between 3D design, 2D drawings, reports and deliverables.
- ❖ You will know how to enable sharing and reusing design data in order to reduce man-hour and schedule time in piping design.
- ❖ You will learn to quickly handle emerging design changes, and protecting the project schedule.

“As per Naukri.com, India's leading job portal, there are more than two lakh vacancies in piping design. PDMS piping engineers are in good demand in foreign countries to be employed in oil & gas, marine and offshore, power, chemical, mining & minerals and pulp & paper industry, among others. As India is becoming one of the favorite destinations of piping design solutions, the job prospect for PDMS students and professionals is improving in India as well.”