



Central Computer Aided Design (CAD) Laboratory

Faculty-in-charge

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Since Computer Aided Design (CAD) and Computer Aided Engineering (CAE) activities are common across several engineering departments, with only a few discipline-specific software differing, BITS, Pilani-Hyderabad Campus has established a 3500 sq. ft. the state-of-art centralized “Central CAD Lab” with 180 latest computers and a high-end server to cater to the CAD/CAE needs of all departments, specifically engineering departments, and it is located in D208.

Following are the facilities that have been made available in Central CAD Lab specifically for the Mechanical Engineering faculty members and students for carrying course related practical work, assignments, student project/thesis/dissertation work and faculty research work.

- 100 network licenses of Pro/Engineer (CREO 3.0)
- 75 network licenses of Windchill PLM suit
- 30 class kit network licenses of COMSOL Multiphysics
- 30 network class kit licenses of several COMSOL modules including MEMS, microfluidics, nonlinear structural mechanics, heat transfer, AC/DC
- 10 node locked licenses of CES Edupack mechanical materials selection (Granta Design, Philip Ashby)
- MATLAB 2015a
- AutoCAD 2015

We are in the process of making CAD Laboratory Portal.

For any further details regarding CAD Lab please mail to cadlab@hyderabad.bits-pilani.ac.in