

Computer Aided Design and Analysis Lab

The Computer Aided Design (CAD) and Analysis Lab is equipped with state-of-the-art software such as AutoCAD, SolidWorks, ANSYS, and MATLAB. Students use these tools to design, model, and analyze mechanical components and systems. The lab provides a platform for learning about computer-aided design, finite element analysis (FEA), and computational fluid dynamics (CFD). Students gain skills in creating detailed engineering drawings, performing simulations, and optimizing designs for various applications.