Advanced CAD/CAM Laboratory

In this Lab, students are trained to use the licensed Mechanical Engineering softwares like EDGECAM, FLEXSIM and SOLIDWORKS etc. Apart from the modelling and simulation softwares, students are able to operate computer numerical controlled (CNC) machines which include CNC Lathe, Milling machines. Student will also get a brief idea about the Flexible Manufacturing System (FMS) which is widely used in manufacturing industries for material handling purpose, with the use of ARISTO 6 AXIS ROBOT along with Automated Guided Vehicle (AGV) system.

CAD Laboratory

In this lab students are trained to use computers for drafting, modelling and analysis of a product, these facilities are provided for making real time projects. This lab is equipped with 72 systems and operating on 11KVA UPS. This lab is a unique platform to learn modelling and simulation softwares for the students. By using this lab, students will be able to create, modify, analyze or optimization of a design and also enhance the quality of the design. During semester break in summer students are trained on modelling softwares like AUTO CAD, CATIA, SOLID WORKS etc. and are also trained on simulation softwares like ANSYS. This lab is useful to the students to participate in various design competitions. We are conducting design workshops in association with the Ramtech Engineering Services, Andhra Pradesh State Skill Development Corporation to enhance the knowledge of students to meet the industrial requirements.