CIVIL CAAD LAB

Applications of industrial specific large electronic systems are generally very complex in nature and large in size and hence physical models are difficult to realize in laboratory. The aim of this laboratory is to provide required simulation facilities as well as programming facilities to the students in order to analyze the concepts learnt in their respective courses. This lab facility is utilized by B.Tech students of the department for carrying out mini projects, documentation related to internship, major projects in addition to meeting the academic lab work. All the systems are provided with internet facility.

Computer Aided Analysis and Design Lab Overview

Students are performing various Experiments

- ➤ Area in sq.m : 140
- ➤ Established in the year :
- ➤ Major equipment :
  1. 72 terminals, 32 with Configuration Intel(R) Core (TM) i3- 2100 CPU @3.50GHz processor, 8GB RAM, 1TB hard disk & 40 with Configuration Intel(R) Core (TM) i3- 2100 CPU @3.50GHz processor, 8GB RAM, 500GB hard disk.
  2. 6KVA APC online UPS
  3. LCD Projector as an ICT Tool
- ➤ Software available in the lab : Arc GIS Pro,Arc Scene (10.8.1),ArcMap(10.8.1) AUTOCAD(2013V), StadPro (8V),Python programming and C programming.

Lab Utilization:

Lab Name	Branch
Arc GIS Pro, Arc Scene, Arc Map	CIVIL
Auto CAD	CIVIL&AI&DS
STAAD Pro	CIVIL
Python Programming	CIVIL &AI&DS
C Programming	CIVIL &AI&DS
Project based Lab Experimentation	CIVIL & AI&DS

- ➤ Faculty Incharge : M.SATYANARAYANA ASST PROF.
- ➤ Lab Technician : Ch. Sambasiva Rao