

DEPARTMENT OF CIVIL ENGINEERING

Laboratory Details :

Si. No.	Name of the Lab	Area in sq.mt.	Capacity
1	Strength of material lab	95.49	30
2	Surveying Lab	30.42	30
3	Geotechnical lab	96.57	30
4	Highway Engineering &Concrete Technology Lab	96.57	30
5	Cad lab	110.36	30
6	Projects Lab	68	30

STRENGTH OF MATERIAL LAB:



Strength Of Material Lab

This Lab has been established for II year I semester UG students. This lab is well equipped with all basic requirements of civil components. The main idea is to focus on the basic working of spring testing machine, universal testing machine, compression testing machine, Izod & charpy impact testing machine, Brinell& Rockwell hardness testing machine and simply supported beams, continuous beams, torsion testing machine equipment are well maintained.

GEOTECHNICAL ENGINEERING LAB:



Geotechnical Engineering Lab

Geotechnical engineering Lab has been established for of III year UG students. This lab has sufficient Well Equipped maintained for different types of materials like triaxial testing machine, uniaxial testing machine, consolidated testing machine, permeability apparatus and casagrand apparatus

SURVEYING LAB:



Surveying lab

This lab is a part of II Year I semester. It deals with the accurate measurement of the horizontal and vertical directions by using auto level, theodolite, compass, total station is used. The student projects and research work is supported in this Lab

HIGHWAY ENGINEERING & CONCRETE TECHNOLOGY LAB:



Highway Engineering & Concrete Technology Lab

This Lab has been established for III year I semester UG students. This lab is well equipped with all basic requirements of civil components. The main idea is to focus on the basic working of aggregate impact testing machine, aggregate abrasion testing machine, flash and fire point test apparatus, vicat apparatus and sieve analysis.

COMPUTER AIDED DESIGN LAB:



Computer aided design lab:

This Lab has been established for II year I semester UG students. It allows you to draw and edit digital 2D and 3D designs more quickly and easily than you could by hand. The files can also be easily saved and stored in the cloud, so they be accessed anywhere at any time.

Project laboratory

The Department has a separate project laboratory with latest equipment's and systems. It also contains other facilities such as internet, reprographic, scanning, printer, stationary etc. All the previous project reports are available for ready reference. The Project hours are allocated in the regular time table itself. The students are also allowed to do their projects beyond the working hours.

The project coordinator conducts a session during their third year in the project laboratory and explains about the project work which they have to do in their final year. During the session they get the guidelines to group formation with ideal size and complementary personal capabilities as group members. Various areas of the project, technology, recent trends, and possible sample problem statements per project are narrated to the students. As a result, many live Projects have been done by the students.

