

# Atria Institute of Technology

## Department of Civil Engineering Laboratory DATA

The Department of Civil Engineering is well equipped with sophisticated laboratories and state of art instruments to satisfy requirements of the curriculum.

### Laboratory Maintenance:

1. Well trained lab technicians are available for maintenance of equipment's on regular basis (Software/hardware). Separate service registers are maintained by the laboratory in-charges and the equipment's are serviced on regular basis.
2. Calibration of laboratory equipment's is done quarterly by the lab technicians.
3. Students' logins register and Complaint register are available in all the laboratories and regular actions are taken based on complaint register entries.
4. First Aid kits are available in all laboratories and Fire Extinguishers are available on all floors.

### Overall Ambience:

1. The department has well-furnished laboratories with advanced machines.
2. Ergonomic arrangement for students' seating, movement, and belongings storage (Cupboards) are available.
3. The Department has expert Faculty members to deliver knowledge with real time examples
4. Laboratory manuals are provided to the students for better understanding of the concepts.
5. All laboratories are well ventilated.
6. Laboratories are equipped with white boards and computers with high-speed 512 Mbps internet connection.
7. As much as possible natural lighting is provided along with electric lighting for the convenience of students and faculty members.



Concrete and Highway Lab



Environmental Engineering Lab



Geotechnical Engineering Lab



Survey Practice Lab



Basic Material Testing Lab



CAD Lab

### Details of courses

Semester	Code	Lab Name	Credits
3rd sem	18CVL37	Computer Aided Building Planning & Drawing	2
	18CVL38	Building Materials Testing Laboratory	2
4th Sem	18CVL47	Engineering Geology Laboratory	2
	18CVL48	Fluid Mechanics and Hydraulic Machines Laboratory	2
5th Sem	18CVL57	Surveying Practice	2
	18CVL58	Concrete and Highway Materials Laboratory	2
6th Sem	18CVL66	Software Application Laboratory	2
	18CVL67	Environmental Engineering Laboratory	2
8th Sem	18CVL76	Computer Aided Detailing of Structures	2
	18CVL77	Geotechnical Engineering Laboratory	2