



## Infrastructure and Facilities

**Civil Engineering** department is situated in a spacious, separate four storied building equipped with HOD Cabin, Well furnished class rooms, Well equipped laboratories, Drawing Hall, Seminar Hall for co-curricular activities for students, Tutorial Room, Research/Innovation Centre, Computer Centre with advanced software related to civil engineering course, Departmental Library, PG Class Rooms, WiFi connectivity and many more.

Name of Laboratory	Laboratory Equipments
<p data-bbox="203 569 565 602">Engineering Mechanics Lab</p> 	<ol style="list-style-type: none"> <li>1. Polygon law of forces apparatus</li> <li>2. Jib Crane</li> <li>3. Differential axle &amp; wheel</li> <li>4. Single purchase winch crab</li> <li>5. Double purchase winch crab</li> <li>6. Screw jack without weight</li> <li>7. Reaction at support of simple beam</li> <li>8. Worm &amp; worm wheel apparatus</li> <li>9. Compound pendulum</li> <li>10. Fly wheel apparatus</li> </ol>
<p data-bbox="203 1199 391 1232">Surveying Lab</p> 	<ol style="list-style-type: none"> <li>1. Optical square</li> <li>2. Prismatic compass</li> <li>3. Planimeter</li> <li>4. Automatic level</li> <li>5. Dumpy level</li> <li>6. Theodolite</li> <li>7. Surverers compass</li> <li>8. Total Station</li> <li>9. Digital Auto level</li> <li>10. Ghat tracer</li> </ol>

### Strength of Material Lab



1. UTM machine
2. Rockwell testing machine
3. Flexure testing machine
4. Torsion Testing Machine

### Concrete Technology Lab



1. Vicat apparatus
2. Aggregate impact value test machine
3. Thickness gauge with IS
4. Los angles abrasion testing machine
5. Aggregate crushing valve apparatus
6. Vibration table
7. Vibration machine
8. Bitumen softening point Steel and Ball Apparatus
9. Compaction Factor Apparatus
10. Devial Abrasion Testing Machine

### Theory of Structure Lab



1. Two Hinged Arch Apparatus
2. Redundant Joint Apparatus
3. Verification Of Clerk`S Maxwell Reciprocal Theorem
4. Elastic Properties Of Deflected Beam Apparatus

### Geotechnical Engineering Lab



1. Compaction rammer procter compaction mould
2. C B R apparatus
3. Liquid limit apparatus
4. Plastic limit kit
5. Consolidation apparatus
6. Sieve shaker
7. Vane Shear Apparatus
8. Direct Shear Apparatus
9. Unconfined compression test apparatus
10. Triaxial Shear Test apparatus

### Fluid Mechanics Lab-I



1. Bernoulli's apparatus
2. Venturi & orifice meter
3. Orifice & mouthpiece apparatus
4. Metacentric height apparatus
5. Pipe Friction apparatus
6. Tilting Film apparatus
7. Orifice apparatus

### Auto CAD Civil Lab



1. Computers with AUTO CAD software

## Engineering Geology Lab



### Minerals:

1. Quartz (crystalline)
2. Calcite
3. Agate
4. Chalcedony
5. Pyrolusite

### Rocks:

1. Granite ( Pink)
2. Basalt ( Massive)
3. Sand Stone( Ferrugenous)
4. Slate ( Black)
5. Slate( Grey)