




<b>Sl. No.</b>	<b>Name of the Laboratory</b>	<b>Name of the Important equipment</b>	<b>Utilization Photos</b>
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1.	<b>Strength materials laboratory</b>	of <ul style="list-style-type: none"><li>· UTM (40T)</li><li>· Torsion testing machine</li><li>· Izod &amp; Charpy Impact testing machine</li><li>· Rockwell Hardness testing machine</li><li>· Brinell Hardness testing machine</li><li>· Spring testing machine</li><li>· Deflection testing machine</li></ul>	 <p>The top photograph shows a group of students in purple uniforms gathered around a large blue industrial machine in a laboratory. A staff member in a white shirt is also present. The bottom photograph shows students in various uniforms looking at a display board or machine. A GPS overlay is visible in the bottom right corner of the second photo, providing location and time information.</p> <p>Chennai, TN, India 5th Street, Ramapuram, Chennai, 600089, TN, India Lat 13.033267, Long 80.177699 07/24/2023 03:57 PM GMT+05:30</p>
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2	<b>Concrete and highway engineering laboratory</b>	<ul style="list-style-type: none"> <li>· Los Angeles Abrasion testing machine</li> <li>· Aggregate impact testing machine</li> <li>· CBR apparatus</li> <li>· Vee Bee Consistometer</li> <li>· Compaction factor test</li> <li>· Slump cone</li> <li>· Flow table motorized</li> <li>· Ductility Apparatus</li> <li>· Marshall stability apparatus</li> <li>· Tar Viscometer</li> </ul>	

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3

**Survey laboratory**

- Total station
- GPS
- Theodolite
- Prismatic Compass
- Dumpy level







4

**Fluid mechanics and machinery laboratory**

- Pelton wheel turbine
- Kaplan turbine
- Reciprocating pump
- Centrifugal pump
- Jet pump
- Gear pump
- Venturimeter
- Orifice meter
- Rotameter
- Open flow channels with provision for notches and Orifices



			
5	<b>CADD laboratory</b>	<ul style="list-style-type: none"><li>· Computers</li><li>· Softwares (AutoCAD and Staad Pro)</li><li>· HCL-Intel core i5 4GB DDR3 RAM 500GB HARD DISK</li><li>· UPS backup</li></ul>	

			 <p data-bbox="1110 552 1484 596">Dell Desktop Computer - Intel core i7, 1TB hard dsk, 16 GB Ram- 16 nos Lenovo Desktop Computer - Intel core i7, 1TB hard disk, 16GB Ram- 14 nos</p>
6	<b>Geotechnical Engineering laboratory</b>	<ul style="list-style-type: none"> <li>· Direct shear apparatus</li> <li>· Atterberg's limit testing equipment ( Casagrande's Apparatus</li> <li>· Sand replacement equipment</li> <li>· Consolidation testing machine</li> <li>· Unconfined Compression testing machine</li> <li>· Triaxial shear Apparatus</li> </ul>	







7

**Environmental  
Engineering  
laboratory**

- Oxygen analyzer
- COD analyzer
- BOD analyzer
- Atomic absorption Spectroscopy
- Gas chromatography
- Spectrophotometer
- Digital Conductivity meter



			
8	<b>Project Laboratory</b>	<ul style="list-style-type: none"> <li>· Compression Testing Machine (300 T)</li> <li>· UTM (100 T)</li> <li>· FFT Analyser</li> <li>· Loading Frame (100 T)</li> <li>· Loading Frame (25 T)</li> <li>· Rapid Chloride Penetration Test</li> <li>· Pelletizer</li> </ul>	



9

**Mechanical  
Electrical  
Plumbing  
Services  
Laboratory**

- Plumbing materials and joints
- Motors and accessories
- Plumbing and electrical fittings
- Closet and Faucets

