





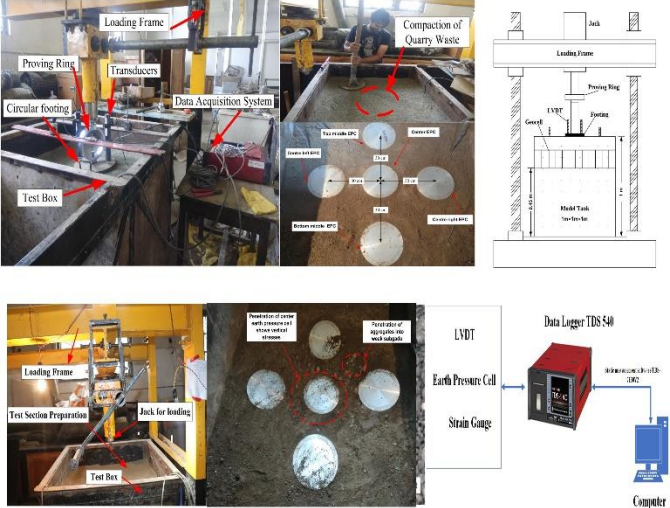

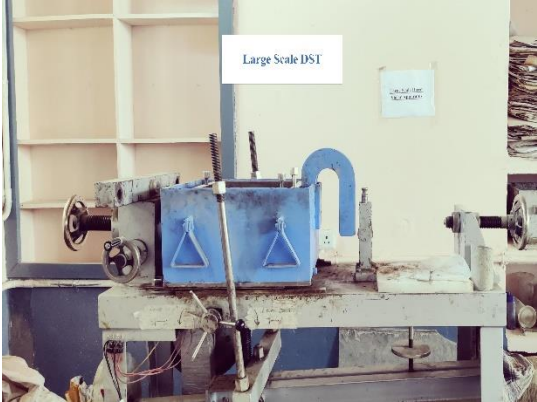




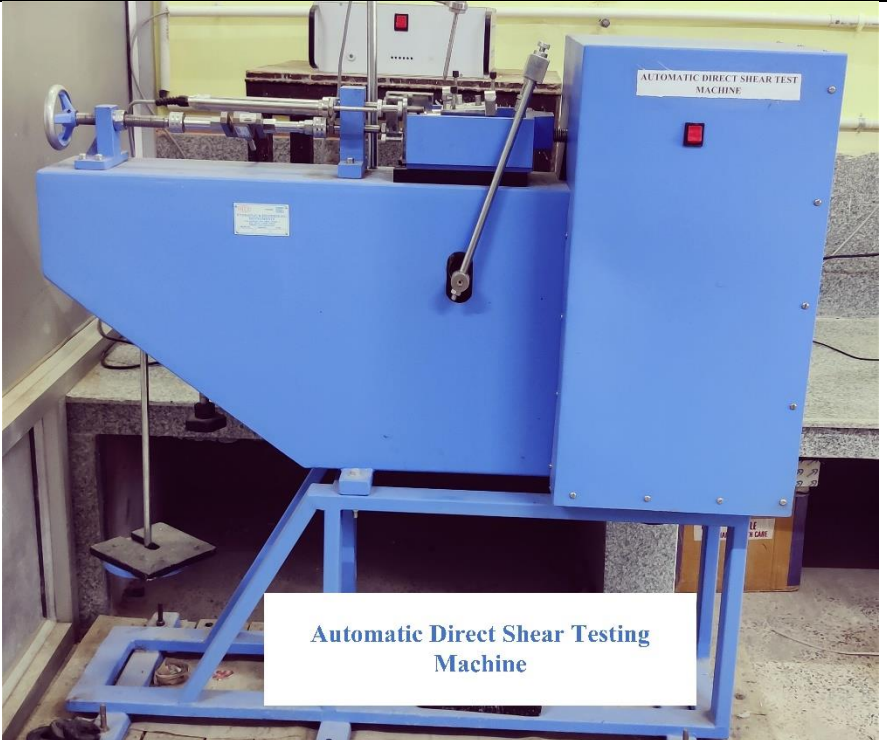

## Geotechnical Engineering Lab

S. No.	Particular of each item with accessories	Qty/No	A photograph of the equipment
1	UTM SANS Servo Controlled Hydraulic Universal Testing Machine Capacity: 1000 kN	01	
2	(MASW) multi channel analysis of surface waves (measuring instrument) MOD, GEA, 24 with standard accessories HSN code: 90158030	01	
3	Slurry mixture Machine	01	
4	Stainless steel slurry mould and loading frame	01	

5	Semi-Automatic Triaxial Testing Apparatus	01	 <p>Semi Automatic Triaxial Testing Machine</p>
6	Fabrication of Double acting motorized electrical operated compressor	01	 <p>Fabricated Double Acting Motorized Electrically Operated Compressor</p>
7	<p>a. TML earth soil pressure guage type: kdj-200 kPa</p> <p>b. TML earth soil pressure guage type: kdj-500 kPa</p> <p>c. TML displacement transducer type/ COP-50</p>	<p>03</p> <p>03</p> <p>02</p> <p>02</p> <p>01</p> <p>01</p>	 <p>Static plate load testing</p>

	<p>d. TML displacement transducer type/ COP-100</p> <p>e. TML high performance 20ch.st. data logger type/ TDS-540-20</p> <p>f. static measurement software visual LOG TDS-7130</p>		
8	Automatic triaxial system	01	 <p>The image shows an Automatic Triaxial Test Apparatus in a laboratory setting. The apparatus consists of a central vertical frame with a cylindrical chamber for the soil specimen. To the left, a computer monitor and keyboard are visible on a desk. To the right, there are two control units with digital displays and buttons. A large container of yellow liquid is also present. The background features a whiteboard and a calendar.</p>

9	Large Scale DST		 <p>A photograph of a large-scale Direct Stress Test (DST) machine. The machine is primarily blue and is mounted on a white metal table. It features a large blue U-shaped frame and various mechanical components like gears and rollers. A white label with the text "Large Scale DST" is positioned above the machine. The background shows a laboratory setting with shelves and a window.</p>
10	Loading Frames		  <p>Two photographs of loading frames. The left image shows a Universal Compression Machine (UCS) with a white label "UCS Testing Machine" above it. The machine is a dark grey metal frame with a central loading area and a control panel on the front. The right image shows a California Bearing Ratio (CBR) testing machine with a white label "CBR Testing Machine" above it. It is a similar dark grey metal frame with a central loading area and a control panel. Both machines are situated in a laboratory environment with windows in the background.</p>

11	Automatic Direct Shear Apparatus	 <p>A photograph of a blue automatic direct shear testing machine. The machine has a large blue base and a vertical blue cabinet on the right side with a red emergency stop button. A label on the cabinet reads "AUTOMATIC DIRECT SHEAR TEST MACHINE". The machine is mounted on a blue metal frame. A white label at the bottom of the image reads "Automatic Direct Shear Testing Machine".</p>
12	Relative Density Apparatus	 <p>A photograph of a relative density apparatus. It consists of a metal frame with a central vertical column and two horizontal arms. The apparatus is supported by a base with a motor. A white label at the top of the image reads "Relative Density Apparatus". Another white label at the bottom of the image reads "Relative Density Apparatus".</p>