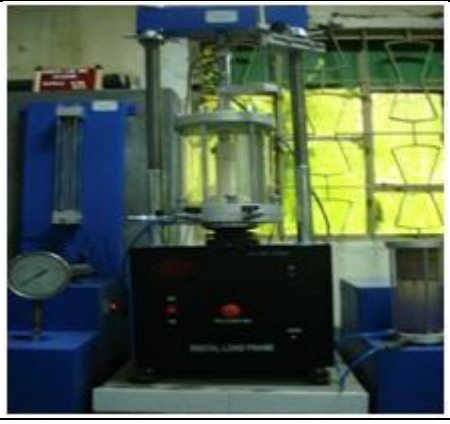
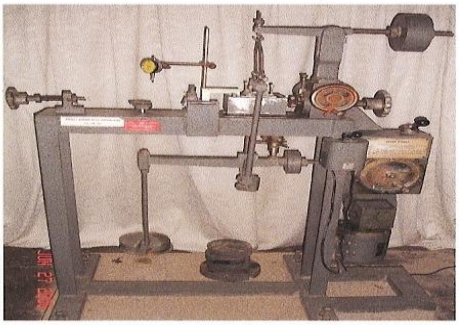
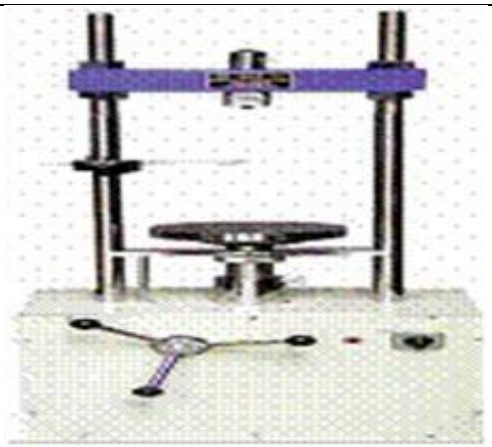
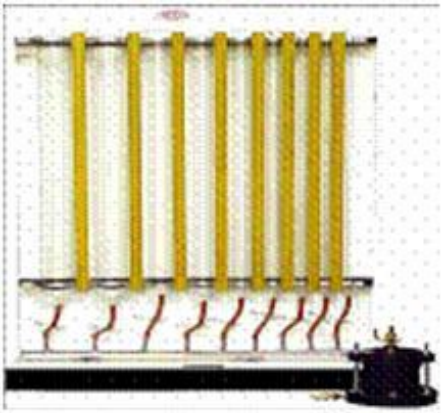
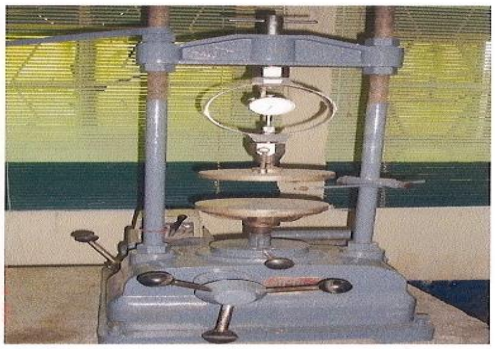
TEST FACILITIES/EXPERTISE

1.	Cyclic Triaxial Equipment: Cyclic Triaxial Equipment is used for testing of soil under Field Simulated Dynamic Loading Condition. 
2.	Static Triaxial Test Equipment: This equipment is used to determine the shear strength parameters of soil under different draining conditions. These parameters are used for design of railway formation.
	
3.	Direct shear Test Equipment: This equipment is used to determine the shear strength parameters of soil. These parameters are used for design of railway formation. 

4.	Consolidation Test Apparatus: This equipment is used to determine soil parameters used in predicting the rate and the amount of settlement of structures, embankments and sub soils. 
5.	Los-Angeles Ballast Abrasion Test Apparatus: This equipment is used to determine the Aggregate Abrasion value. This test is used for testing of suitability of ballast. 
6.	Impact Test Apparatus: This equipment is used to determine the Impactvalueof aggregate. This test is used for testing the toughness of ballast. 
7.	CBR Test Apparatus: This apparatus is used for evaluation of subgrade strength of soil under controlled density and moisture content which is represented in % as CBR value.

	
8.	Permeability Test Apparatus: Permeability test apparatus is used to determine coefficient of permeability (K) of fine grained and coarse grained soil. 
9.	Compaction Test Apparatus: This mechanized equipment is used for determination of Maximum Dry Density of soil at Optimum Moisture Content. The parameters are used for ensuring Quality Control of earth work of embankments at site. 

10.	Unconfined Compressive Strength Test Apparatus: This equipment is used for testing of strength of cohesive soil. 
11.	Relative Density Test Equipment:This equipment is used for determination of Maximum & Minimum Dry Densities of Cohesion less soils. 
12.	Sieve Shaker Apparatus for Testing of Ballast. 
13.	Slope Stability Software for Designs of Slopes
14.	Plaxis-3D Tunnel Softwarefor analysis of tunnels &underground construction.