

DEPARTMENT OF CIVIL ENGINEERING

Major Equipments in Laboratories of the Department

S.No.	Name of Laboratory	Name of Equipment
1	Survey Lab	Auto Level
		Electronic Total Station
		Electronic Theodolite
		Dumpy Level
		Plane Table
2	Transportation Lab	Los Angeles Abrasion Test Apparatus
		Standard Penetrometer
		Impact Test Apparatus
		Devel Abrasion Test Apparatus
		Marshal Stabilitiy Test Apparatus
		Asphalt Mixer
		Ductility Test Apparatus
		Benkelman Beam
		Bitumen Extractor
		Striping Value
		Hand Held Traffic Speed Radar Gun
		Vehicle Counting & Classifier Unit
3	Soil Lab	Relative Density Apparatus
		Enkay Rock Sample Trimming Machine
		Rock Core Cutting Machine
		Large Direct Shear Test Apparatus
		Consolidation Test Apparatus
		CBR Test Apparatus
		Direct Shear Test Apparatus
		Sieve Shaker
		Cassagrande's Liquid Limit Apparatus
		Hot Air Oven

4	Concrete Lab	Electronic Balance
		Jaw Crusher Motorised LL Ab Automotive
		Bosch Core Cutter
		Ultrasonic Concrete Tester
		Concrete Permeability Test Apparatus
		Auto Clave
		Compression Testing Machine
5	Structure Lab	UTM 100 Ton
		Loading Frame
		Three Hinged Arch Apparatus
		Two Hinged Arch Apparatus
		Fire Furnace
		Blast Furnace
7	Environmental Lab	UV Double Beam Spectrophotometer
		B.O.D Incubator
		Air Sampler PM 2.5
		Air Sampler PM 10
		Air Sampler (Gaseous Pollutant)
		Jar Test Apparatus
		Distillation Apparatus
		DO Meter
		Colony Counter
8	Hydraulics Lab	Tilting Flume- 5 Meter Length
		Francis Turbine
		Pelton Wheel Turbine
		Travelling Microscope
		Pipe Friction Apparatus
		Darcy Law Apparatus
		Free & Forced Vortex Apparatus
		Orifice Meter
		Venturi Meter
		Darcy Law Apparatus