

Laboratory (Location)	Relevant Course(s)	Major Equipment Used (Quantity)	
		Equipment (S)	Quantity
Civil Engineering Materials Lab (BR70)	CE210	Blaine air permeability apparatus	2
	CE213	Torsion meter	2
	CE310	Automatic Vicat apparatus	2
		Automatic mortar mixer	1
		Automatic flexure/tension machine	2
		Digital length comparator	2
		Los Angeles abrasion machine	2
		Automatic compression machine	2
		Universal testing machine	1
		Crack measurement device	2
	Hardness testing machine	2	
Surveying Lab.(BR37)	CE221	Total station	2
		Electronic digital theodolite	5
		Auto level	5
		GPS receiver	2
		Opisometer	5
		Reflector prism system	5
		Telescopic prism pole	5
		Laser distance meter	2
		Digital planimeter	5
		Stereometer	2
Concrete Lab (BR33)	CE313	Vibrating tables	2
	CE213	Automatic compression machine	1
	CE310	Cover meter	2
		Schmidt hammer	4
		Pundit ultrasonic test unit	2
		Laboratory concrete mixer	1
		Electric poker vibrator	2
		Slump cone	3
		Curing Tanks	2
		Vee-Bee consistometer	2
	Concrete air content meter	2	
Transportation Engineering Lab. (BR29)	CE321	Penetrometer	2
	CE421	Marshall digital compression apparatus	2
		Rotational viscometer	1
		Gyratory compactor	1

Laboratory (Location)	Relevant Course(s)	Major Equipment Used (Quantity)	
		Equipment (S)	Quantity
		Ductility testing machine	2
		Automatic Binder extractor	2
		Asphalt Content/Binder ignition Furnaces	2
		Cut-Back asphalt distillation apparatus	2
		Emulsified asphalt distillation apparatus	2
		Wheel tracking machine	1
		Cox and Sons rolling thin film oven	1
		Bending beam rheometer	1
		Pressure aging vessel	1
		Dynamic shear rheometer	1
Geotechnical Engineering. (BR 25)	CE351	Triaxial apparatus	1
	CE352	Kit CBR apparatus	2
		Consolidation test apparatus	6
		Sand relative density apparatus	2
		Plastic limit test set	2
		Electromagnetic laboratory sieve shaker	2
		Ultrasonic cleaning tank for sieves	2
		Speedy moisture test apparatus	2
		Shear testing machine	2
		Digital thermometer	5
		Hydrometer	1
		Sand density cone apparatus	2
		Laboratory mixer	1
	Soil sample extruder	1	
	Proctor and CBR test apparatus	5	
Environmental Engineering Lab.(BR69)	CE231	PH Meter - Benchtop	1
	CE332	Laboratory chemical cart	2
		Vacuum/Pressure Pump	2
		Turbidity Meter – Bench top	2
		Jar test apparatus	2
		Magnetic stirrer Hot plate with stand	4
		Magnetic Stir Bars	1
Water Resources Engineering Lab. (BR34)	CE241	Open channel flume (tilting belt)	1
	CE441	Head loss apparatus (local and friction)	1
	CE340	Bernoulli and Venturi demonstration apparatus	1
		Capillary tube	1

Laboratory (Location)	Relevant Course(s)	Major Equipment Used (Quantity)	
		Equipment (S)	Quantity
		Forced vortex apparatus	
		Impact jet apparatus	1
		Demonstration of Archimedes principle	2
		Basic hydraulic bench	4
		Series/Parallel Pumps	1
		Hydrostatic pressure apparatus	2
		Flow over Weirs apparatus	1
		Reynolds's number demonstration apparatus	1
		Orifice apparatus	1
	CAD Lab (SR46)	GE103	PC
CS107			