

Name Of the Department	Computer lab			
	Sl. No	List Of Equipment	Quantity	Remarks
Civil Engineering Department	1	Desktop	81	
	2	H.P Laserjet DNJ T770 Plotter	1	
	3	H.P Laserjet DNJ 1536 Printer	1	

Name Of the Department	Survey lab			
	Sl. No	list Of Equipment	Quantity	Remarks
Civil Engineering Department	1	Metric Chain (30m)	12	
	2	Gunter's Chain (66')	2	
	3	Fibre Chain (15m)	12	
	4	Cross Staff (Brass)	2	
	5	Wooden Cross Staff (4')	12	
	6	Open Cross Staff (4')	2	
	7	Optical Square	4	
	8	Wooden Peg	10	
	9	Ranging Rod (2m Long)	66	
	10	Sextant 6' wooden box	1	
	11	Abney Level 9'	1	
	12	Cylon Ghat Tracer	1	
	13	De-Lisie Clinometer	1	
	14	Plane Table with Tripod Stand	12	
	15	Prismatic Compass 150mm Dia with wooden stand	12	
	16	Dumpy Level	1	
	17	Cook's Reversible level	1	
	18	Levelling Staff (3 Fold)	12	
	19	Vernier Theodolite	1	
	20	Telescopic Alidade	1	

Civil Engineering Department	21	Planimeter	1	
	22	Steel Arrow	200	
	23	Electronic Theodolite	8	
	24	Autolevel VL-224	8	
	25	Electronic Total Station(RTS 632HL )	6	

Name Of the Department	F.M lab			
	Sl. No	list Of Equipment	Quantity	Remarks
Civil Engineering Department	1	V . Notch	1set	
	2	Orifices & Mouth Pieces	1set	
	3	Venturimeter ,Orifice & pipe Friction	1set	
	4	Hydraulic Flume	1set	
	5	Impact Jet Apparatus	1set	
	6	Centifugal Pump	1set	
	7	Pelton Turbine 3.7 KW	1set	
	8	Hydraulic Ram	1set	
	8	Supply Pump Set 65mmX50mm pipes valves	1set	
	9	Pipe Friction Apparatus	1set	
	10	Notch Apparatus	1set	
	11	Centrifugal Pump	1set	
	12	Reciprocating Pump	1set	
13	Pelton Wheel Turbine	1set		

Civil Engineering Department	14	Metacentric Height Apparatus	1set	
	15	Francis Turbine	1set	
	16	Kalpan Turbine	1set	
	17	Bernoulli's Apparatus	1set	
	18	Pitot Tube Apparatus	1set	
	19	Digital Tachometer	1set	

Name Of the Department	Environment lab			
	Sl. No	list Of Equipment	Quantity	Remarks
Civil Engineering Department	1	Digital Turbidity Meter	4	
	2	Conductivity Meter	4	
	3	Digital Filter Photo Calorimeter	3	
	4	Digital Spetrophotometer	2	
	5	Magnetic Stirrer with Hot Plate	2	
	6	Hot Air Oven	1	
	7	Muffle Fiernace	1	
	8	Water Bath Doubles walled	1	
	9	Autoclave Vertical	1	
	10	Vaccum pump Fitted with pump Capacity	1	
	11	BOD Incubater (low Temp)	1	
	12	Single pan Balance	2	
	13	Vacuum Oven	1	
	14	Bacteriological Incubator	1	

	15	Hot Plate	1	
	16	Digital Flame Photo Meter model -15016	1	
	17	Membrane Filter Apparatus	1	
	18	Vortex Shaker	1	
	19	Dissolved oxygen Meter Model 1801E	1	
	20	Digital Microprocessor based P.H Meter	3	
	21	Water /Soil Testing Kit	1	
	22	Double Distillation Apparatus	1	
	23	AIM -9002 Electronic Balance 600gmsX0.01gms.	1	
	<b>Geology lab</b>			
<b>Name Of the Department</b>	<b>Sl. No</b>	<b>list Of Equipment</b>	<b>Quantity</b>	<b>Remarks</b>
Civil Engineering Department	1	Rock hand Specimens	2Set	
	2	Mineral hand Specimens	2Set	
	3	3D Geo-Morphological Models	1Set	
	4	Ore Mineral	2Set	
	5	Wooden block Model covering Fold , Fault & Unconformity	1 set	
	6	Field Equipment Geological hammer	15Set	

	7	Geological Haver sack with adjacent jelt	15 set	
	8	Geological Chisel	15Set	
	9	Geological Horse Shoe Magnet	15 set	
	10	Geological brumton Compass in a case	15 set	
	11	Geological Clinometer Compass in a case	15 set	
	12	hand Lens	15 set	
	13	Geological Eastwing make (USA)	1 no.	
	14	Geological brumton Compass in a case (Metal body)	1no.	
	15	Wooden X crystal model	2set	
	16	Transparent plastic Crystal Model	2set	
	17	Polarising Petrological Microscope for the study of thin section	10set	
	18	Accessory Plate	2set	
	19	Rock thin Section	2set	
	20	Mineral Thin section	2set	
	21	Geological map	1no.	

		of India		
	22	Minerals in a box showing lusture	1set	
	23	Minerals in a box showing Colour	1set	
	24	Minerals in a box showing Cleavage	1set	
	25	Minerals in a box showing Fracture	1set	
	26	Mohr's Scale of Hardness box	30set	
	27	Hardness Testing Kit	30set	
<b>Name Of the Department</b>	<b>Soil Mechanics lab</b>			
	<b>Sl. No</b>	<b>list Of Equipment</b>	<b>Quantity</b>	<b>Remarks</b>
Civil Engineering Department	1	liquid limit device with grooving tool	6	
	2	plastic limit apparatus	5	
	3	shrinkage limit set	3	
	4	sand pouring cylinder apparatus	3	
	5	core cutter	3	
	6	modified compaction test apparatus	1	
	7	standard proctor test apparatus	1	
	8	hydrometer	5	
	9	density bottle(50 ml)	5	
	10	direct shear test apparatus	1	
	11	unconfined compression test apparatus	2	
	12	triaxial test apparatus	2	
	13	electronic balance 30kg,1gm	1	
	14	electronic balance 150 kg,10gm	1	
	15	vane shear test apparatus	2	
	16	dynamic penetration test	1	

		apparatus		
	18	california bearing test apparatus	1	
	19	is sieve	1	
	20	motorized sieve shaker	1	
	21	speedy moisture meter	2	
	22	soil drying oven size "14 x 14"	2	
	23	laboratory electric oven	1	
	24	pycnometer(1kg capacity)	5	
	25	hand operated extractor	1	
	26	lateral pressure assembly capacity 10kg/cm <sup>2</sup>	1	
	27	laboratory permeability test apparatus with over head tank	1	
	28	consolidation test apparatus	1	
	<b>M.T lab</b>			
<b>Name Of the Department</b>	<b>Sl. No</b>	<b>list Of Equipment</b>	<b>Quantity</b>	<b>Remarks</b>
Civil Engineering Department	1	Los angeles abrasion test (AIM - 458)	1	
	2	Aggregate impact tester(AIM -456)	1	
	3	Density basket for sp. Gravity of aggregate	1	
	4	sieve brass frame 20Cm dia * 4.75 AIM-05302	1	
	5	sieve G.I frame 30Cm dia *4. 75 mm	1	
	6	Flakiness index AIM- 450	1	
	7	Elongation index aim - 451	1	
	8	crushing value apparatus AIM- 455	2	
	9	Specific gravity bottle - 50ml bitumen AIM-9464	7	
	10	Viscometer	2	
	11	Ring and ball apparatus AIM- 561	1	
	12	Ductility tester AIM- 565	1	
	13	Universal penetrometer AIM- 512	1	

14	penetration cone AIM- 515	1	
15	Flash point and fire point	1	
16	Air permability apparatus AIM -390	1	
17	Vicat appratus AIM- 394	1	
18	Initial needle AIM-39303	1	
19	final needle	1	
20	Le chatilier mould AIM- 400	3	
21	Slump test apparatus AIM-334	1	
22	Slump cone	1	
23	Compaction factor apparatus AIM-337	1	
24	Vee bee consistometer AIM- 335	1	
25	Comprssion testing machine 1000KN AIM- 314E-DG-I	1	
26	Mould cast iron , 100mm cubes AIM- 343	6	
27	Mould cast iron , 150mm cubes AIM- 344	6	
28	Mould cylindrical , 150mm*300mm AIM- 349	6	
29	Tamping rod ,steel AIM- 345	3	
30	Beam mould 100mm*100mm *500mm AIM- 346	6	
31	Flexxture testing machine AIM- 33204	1	
32	Vibrating table AIM- 367-1	1	
33	Rebound hammer	1	
34	Electronic balance 600g *0.01g AIM- 9002	1	
35	Electronic balance 150Kg *10g AIM- 9017	1	
36	Sieve shaker AIM- 054-1	1	
37	Concrete mixer	1	
38	Mould cast iron 50mm cube	6	
39	sieve brass frame 90 microns	2	
40	Electronic balance 30kg	1	
41	Pycnometer AIM-046	6	
42	Le chatilier flask AIM- 414	6	
43	Mould 70.6mm	6	



44	steel scale	6	
45	Vernier Caliver	2	
46	Standaraised Block for hardness Testing machine	5	
47	Vicker diamond indentor	1	
48	Diamond Indentor	1	
49	Hacksaw Blades	25	
50	Hacksaw Frames	3	
51	Tenon Saw	2	
52	Wooden Jack Planer	2	
53	Outside Micrometer	1	
54	Inside Micrometer	1	
55	Hardness Testing Equipment	1 Box	
56	Wrench Set for 6 Tonnes capacity UTM	1 Box set	
57	Double Ended Spanner	2	
58	Ballpin Hammer	3	
59	Trisquare	5	
60	Metal Jack Plane	3	
61	Triangular File	5	
62	Centre Punch	5	
63	L- Key	2set	
64	Screw Driver	1	

