



PANDIT DEENDAYAL PETROLEUM UNIVERSITY
SCHOOL OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
CONCRETE TECHNOLOGY LABORATORY

Detailed list of instruments:

Sr. No.	Name of Item	Unit	Qty.	Figure
1	Length Guage	No's	3	
2	Thickness Guage	No's	3	
3	Density Bucket	No's	2	
4	Bulk Density Cylindrical Measure (10 ltr)	No's	2	
5	Bulk Density Cylindrical Measure (3 ltr)	No's	2	



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6	Coarse Sieve Set	No's	2	
7	Fine Sieve Set	No's	2	
8	Slump Test Apparatus	No's	4	
9	Concrete Test Hammer	No's	1	
10	Vicat Needle Apparatus	No's	3	



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11	Le Chateleer Mould	No's	3	
12	Measure Cylinder Glass (1000 ml)	No's	4	
13	Compaction Factor Apparatus	No's	1	
14	Beam Mould (150×150×700 mm)	No's	2	
15	Cube Mould 15 cm	No's	2	



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16	Vibrating Table (50×50 cm)	No's	1	
17	Compression Testing Machine 2000 KN (Digital)	No's	1	
18	Flexural Testing Machine	No's	1	
19	Concrete Mixer	No's	1	
20	Sieve Brush	No's	1	
21	Aggregate Crushing Value Test	No's	1	



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22	Los Angeles Abrasion Testing Machine	No's	1	
23	Constant Temperature Water Bath	No's	1	
24	Aggregate Impact Testing Machine	No's	1	
25	Cylindrical Mould	No's	5	
26	Dial Gauge	No's	3	
27	Stop Watch	No's	6	



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28	Flow Table	No's	1	
29	Sieve Shaker (Mechanical)	No's	1	
30	Hand Tools	No's	1	
31	Buoyancy Balance	No's	1	
32	Vibrating Machine	No's	1	



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33	Cube Mould (7.06 cm)	No's	12	
34	Cube Mould (5.00 cm)	No's	12	
35	Platform Scale 1000 kg	No's	1	
36	Hydraulic Jack	No's	1	
37	Accelerated Curing Tank	No's	1	
38	Dial Gauge (Digital)	No's	3	



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39	Stainless Steel Water Retention Tray	No's	12	
40	Concrete Permeability	No's	1	
41	Ultrasonic Pulse Velocity Tester	No's	1	
42	Digital Mortar Mixture (4.75lit)	No's	1	
43	Beam Mould (150×150×700 mm)	No's	10	