







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

Detailed list of instruments:

Sr. No.	Name of Item	Unit	Qty.	Figure
1	Core Cutter with Dolly & Rammer	No's	1	
2	Sand Pouring Cylinder Medium	No's	1	
3	Plastic Limit Device	No's	1	
4	Shrinkage Limit Set	No's	1	



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5	Soil Hydrometer with jar	No's	1	
6	Liquid Limit Device (Hand Operated)	No's	1	
7	Proctor Mould 100mm	No's	1	
8	Rammer (2.6kg)	No's	1	



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9	Proctor Mould 150mm	No's	1	
10	Rammer (4.89kg)	No's	1	
11	Stop watch (mechanical)	No's	1	
12	Glass Thermometer	No's	1	
13	Permeability Apparatus	No's	1	








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14	Hot air oven	No's	1	
15	Extractor Frame (Hydrolic type)	No's	1	
16	Consolidation Apparatus single gang	No's	1	







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17	Fine Sieve	No's	20	
18	Fine Sieve	No's	2	
19	Fine Sieve 90mic	No's	1	
20	Fine Sieve 75mic	No's	1	
21	Fine Sieve 63mic	No's	1	







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22	Fine Sieve 53mic	No's	1	
23	Fine Sieve 45mic	No's	1	
24	Fine Sieve 40mic	No's	1	
25	Lid & Pan	No's	1	
26	Two Pan Balance (10kg)	No's	1	



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27	Two Pan Balance (5kg)	No's	1	
28	G.I. Tray (200×200×25mm)	No's	5	
29	G.I. Tray (1000×1000×50mm)	No's	4	
30	G.I. Tray (1000×1500×50mm)	No's	4	



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31	G.I. Tray (300×450×50mm)	No's	5	
32	Moisture Can (50×50mm)	No's	50	
33	Moisture Can (75×50mm)	No's	50	
34	Sieve Brush	No's	2	
35	Unconfined Compression Tester (Motorised cum Hand Operated)	No's	1	






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36	Electronic Balance (0.1gm to 15kg)	No's	1	
37	Electronic Balance (0.01gm to 4100gm)	No's	1	
38	C.B.R. Testing Machine	No's	1	
39	Triaxial Test Apparatus	No's	1	



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40	Standard Penetration Test Apparatus	No's	1	
41	Plate Bearing Test Apparatus	No's	1	
42	Measuring Cylinder glass (2000 ml)	No's	4	






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43	Direct Shear Appartus	No's	1	
44	Proctor Needale	No's	1	
45	hot plate	No's	1	
46	Triaxial Test Apparatus(New)	No's	1	




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47	Laboratory Vane Shear Apparatus(Motorised)	No's	1	
48	Consolidation Test Apparatus(Three Ganged)Manual	No's	1	
49	Soil Cone Penetrometer (Digital Type)	No's	1	



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50	Swell Test Apparatus	No's	1	
51	Proving Ring 1 KN	No's	1	
52	Proving Ring 10 KN	No's	1	
53	Proving Ring 100 KN	No's	1	




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54	Proving Ring 200 KN	No's	1	
55	Proving Ring 500 KN	No's	1	
56	Proving Ring 1000 KN	No's	1	
57	Proving Ring 3000 KN	No's	1	
58	Load Cell (5 Ton)	No's	1	



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59	Potentiometer	No's	1	
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