

**GOVERNMENT POLYTECHNIC, KHAMGAON**  
**APPLIED MECHANICS DEPARTMENT**  
**CTE LAB**

*Equipment List*

Sr. No	Name of Item	DSR No.	Qty.	Total Cost	Remark
1	Rammer 4.89 x 450 mm	COT 1/1	1	95	
2	Aggregate Crushing Value Apparatus	COT 5/8	1	275	
3	Deval Attkition Machine IS2386	COT 6/9	1	2350	
4	Los Angeles Abrasion testing machine	COT 6/10	1	4390	
5	Concrete Mixing Apparatus	COT 7/11	1	2140	
6	Sieves of 45 cm GI frame with lid & pan	COT 8/12	01 Set	430	
7	Cube moulds of 15 x 15 cm with base	COT 8/13	16	876	
8	Aggregate Impact Testing Mahine	COT 8/14	1	644	
9	Cube moulds 2.78 " with plate	COT 8/15	6	178.80	
10	Platform Vibrator	COT 10/18	1	1610	
11	IS Test Sieve of 20 cm dia, brass frame	COT 11/19	1	36	
12	Straight Edge 30 cm Long x 2.5 cm	COT 11/20	1	28	
13	Needle Vibrator Lab Type	COT 12/21	1	1680	
14	IS test sieve 45 cm dia of G.I. sheet 4.75	COT 12/25	1	54	
15	Test Sieve Brass frame of 20 without	COT 13/26	1	75	
16	AIMIL Vibration Machine with steel	COT 21/30	01 Set	6848.67	
17	Le-chatelier Mould IS: 5514	COT 27/41	6	438	
18	AIMIL vicat Apparatus	COT 31/46	1	700	
19	AIMIL Fine Test Sieve of 20 cm dia 1.18	COT 37/52	1	410	
20	AIMIL Initial, final needle & consistency	COT 38/53	01 set	499	
21	Electronics Balance of 10 kg with L.C.01	COT 39/54	1	7700	
22	Thickness Guage ( Flakiness Index	COT 40/55	1	517	
23	Brass Test Sieve of 12" dia for size 4.75	COT 40/56	1	740	
24	Brass Test Sieve of 12" dia for size 2.36	COT 40/57	1	569	
25	G I Sheet Test Sieve of 18" dia for size	COT 40/58	1	396	
26	Cube Moulds of size 7.06 mm x 7.06 mm	COT 40/59	2	804	
27	Length Guage Elongation Index	COT 41/60	1	575	
28	Brass Test Sieve of 12" dia for size 1.7	COT 41/61	1	575	
29	Brass Test Sieve of 12" dia for size 12.5	COT 41/62	1	580	
30	Set of Plunger, Needles of Vicats	COT 41/63	1	945	
31	Density Basket as per IS 2386	COT 42/64	1	460	
32	Cube Moulds of steel size 7.06 mm x	COT 43/65	7	3626	
33	Bulk Density Measures app. Of cap.10 lit	COT 43/66	1	1995	
34	Compaction Factor Test apparatus	COT 44/67	1	12000	
35	Five Star Weighing Scale 10 kg cap.	COT 45/68	1	6100	

36	Measuring cylinder of 100,250,500,1000	COT 46/69	02 each	3420
37	Pychometer Bottle (Set of 06 bottles)	COT 46/70	01 Set	1969
38	Vicat Apparatus Needle Set	COT 47/73	03 Set	1830
39	Jaw Crusher (Small)	COT 47/76	1	37688
40	Vicat Needle Apparatus with Dash Pot	COT 50/80	1	1519
41	Brass Test Sieve of 12" dia for size 90	COT 51/81	3	1857
42	Brass Test Sieve of 12" dia for size 1.70	COT 51/82	2	1238
43	Brass Test Sieve of 12" dia for size 2.36	COT 52/83	2	1238
44	Brass Test Sieve of 12" dia for size 4.75	COT 52/84	2	1238
45	Standard Penetration Test	COT 58/91	1	72500
46	AMIL Vicat Apparatus with Dash Pot	DCA 7/1	1	12554
47	Afcoset Electronics Precision Balance	DCA 8/1	1	38000
48	M. S. Base Plate for Vicate Apparatus	DCA 9/1	1	100
49	Sieve Shaker	WBP 2/1	1	7888
50	Impact Testing Machine	WBP 3/2	1	31209
51	Tullu Pump Single Phase ¼ H.P.	WBP 7/9	1	3750
52	Rajco Tile Abrasion Testing Machine.	WBP 8/10	1	19451
53	AIR Permeability Apparatus ( Blain	WBP 15/12	1	1857
54	Compression Testing Machine	WBP 18/15	1	89420
55	Cylendrical Moulds size 15 x 30 cm	MT-1 14/14	4	285
56	Coarse Test shieves 12 " dia	MT-1 32/6	1 Set of 5	424
57	Measuring Can in Liter Cap. 2 lit.	MT-1 38/12	3	18
58	Analytical Balance	MT-1 39/13	2	450
59	M.S. Test Cube Moulds 6"x 6" x 6"	MT-1 45/22	4	400
60	Additional Gun Metal Briquette Mould	MT-1 47/24	1 Set	29
61	Test Cube Moulds	MT-1 48/26	4	280
62	Gevo-Slump Test Apparatus	MT-1 48/27	1	160
63	Portable Platform Scale	MT-1 49/28	1	664
64	Angels Abrasion Testing Machine	MT-1 52/30	1	66375
65	I.S. Brass Sieve 90 Micron	MT-1 56/35	6	3306
66	P. H. Meter ( Digital )	MT-1 57/36	1	5288
67	Electronic Weighing Machine 3 kg cap.	MT-1 58/37	1	3700
68	Electronic Weighing Machine 20 kg cap.	MT-1 59/38	1	4000
69	Wac 181 Rce Window AC ( Blue Star )	MT-1 59/38	1	20528
			<b>Total</b>	<b>495972.47</b>

*(Handwritten Signature)*

Head

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