



Department of Civil Engineering
New Horizon Institute of Technology and Management

(Approved by AICTE & DTE, Affiliated to University of Mumbai)

Anand Nagar, Kavesar, Off Ghodbundar Road,
Thane (West)-400615

Phone: 022-25971778 022-25970815

e-mail: headcivil@nhitm.ac.in

Website: www.nhitm.ac.in

Name of the Document: Laboratory Profile

Document No.: 01

Department: Civil Engineering

Room No:LG021

Lab No:03

Name of the Laboratory: Concrete Technology Laboratory

Programme : Under Graduate

Laboratory used for the Courses: CEL 403

Total Cost of the Laboratory as on today: Rs.588581/-

Faculty In-charge of the Laboratory: Mrs. Shubhra Dhamande

Technical Supporting Staff: Mr. Pradeep Thakur



Concrete Technology Laboratory (CEL 403)

Sr. No.	Details of Computer/ Apparatus / Equipments/ Instruments in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Hand Operated Flexural Strength	1	2015	106875/-
2	Vibrating Machine	1	2015	43875/-
3	Flexural Test On Tiles	1	2015	103500/-
4	Rebound Hammer	1	2015	56250/-
5	Graded Sand	3	2015	14175/-
6	Vicat Apparatus	1	2015	2925/-
7	Le-Chatelier Mould	1	2015	788/-
9	Slump cone Apparatus	1	2015	3150/-
9	Compaction Factor Apparatus	1	2015	22500/-
10	Consistometer	1	2015	32625/-
11	Flow Table	1	2015	56813/-
12	90 Micron Sieve	1	2015	1575/-
13	Is Sieve(4.75,2.80,pan)	1	2015	1941/-
14	Electronic Balance	1	2015	20250/-
15	Stop Watch Digital	1	2015	900/-
16	Spatula:			
	(a) 100mm Blade	2	2015	1125/-



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	(b) 150mm Blade	2	2015	203/-
17	Gauging Trowel	2	2015	1013/-
18	Cube Mould:	-		
	(a) 150mm	10	2015	21375/-
	(b) 70.06mm	3	2015	2700/-
19	Beam Mould	3	2015	20925/-
20	Cylindrical Mould	3	2015	9450/-
21	Sample Tray:	-		
	(a) 650 x 500	1	2015	1406/-
	(b) 450 x 300	2	2015	1575/-
	(c) 300 x 250	2	2015	1463/-
22	Gloves	5 set	2015	563/-
23	Measuring Jar (1 Ltr, 500ml, 100ml)	1		
	(a) 1 Ltr	2	2015	563/-
	(b) 500ml	2	2015	
	(c) 100ml	1	2015	
24	Bucket	1	2015	-
25	Gyratory sieve shaker	1	2019	31114/-
26	Electronic cap weight 500 gm	1	2019	9241/-
27	20 cm sieve (G.I. Frame)	1	2019	718/-
28	20 cm sieve (Brass. Frame)	1	2019	1428/-

Prepared By	Verified By	 Confidential Stamp Seal of College	Approved By	Certified By
 Lab Incharge	 HOD		 Vice Principal	 Principal