



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: LG030	Lab No: CE-06
Name of the Laboratory: Transportation & Survey		
Programme : Undergraduate		
Laboratory used for the Courses: CEC504,CEC403		
Total Cost of the Laboratory as on today: 5,37,596		
Faculty In-charge of the Laboratory: Mr Siddhartha Ray		
Technical Supporting Staff: Mr.Pradeep Thakur		

Transportation Engineering (CEC504)				
Sr. No.	Details of Computer/ Apparatus / Equipments/ Instruments in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Standard Penetrometer	1	2016	15731
2	Ring and Ball Apparatus	1	2016	8303
3	Ductility Testing Machine	1	2016	46319
4	Length Gauge or Elongation Gauge	2	2016	1573
5	Thickness Gauge or Flakiness Gauge	2	2016	1573
6	Marshall Stability Test Apparatus	1	2016	109244
7	Aggregate Impact test apparatus	1	2016	8303
8	Deval abrasion testing Machine	1	2016	74288
9	Flash Point (open)	1	2016	10487

Surveying (CEC403)				
Sr. No.	Details of Computer/ Apparatus / Equipments/ Instruments in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Survey Measuring Metric Tape	9	2016	16165
2	Measuring Metallic Tape	9	2016	3735
3	Steel Tape	9	2016	7815
4	Ranging Rod(Steel)	12	2016	5650
5	Prismatic Compass with Tripod	6	2016	13183
6	Surveyors Compass 100 Mm	6	2016	10986
7	Vernier Transit Theodolite 20 Seconds	3	2016	58067
8	Dumpy Level Telescope	3	2016	17263
9	Plane Table with Wooden Stand	3	2016	20402
10	Cross Staff (BRASS)	6	2016	4080
11	Cross Staff (Wooden)	6	2016	2825
12	Digital Plannimeter	1	2016	42896

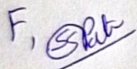


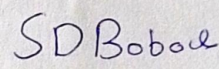
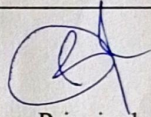


Department of Civil Engineering
New Horizon Institute of Technology and Management
(Approved by AICTE & DTE, Affiliated to University of Mumbai)

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

13	Aluminum Levelling Staff:	18	2016	24482
14	Analog Plannimeter	3	2016	4708
15	Tacheometer	3	2016	10986
16	Arrows	10	2016	523
17	Spirit Level (6")	10	2016	2511
18	Total Station	1	Received from site on 28/12/2018	-
19	Handheld GPS	1	2019	15,500/-

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