



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: LG024

Lab No: CE-04

Name of the Laboratory: Geotechnical Engineering &
Engineering Geology

Programme : Undergraduate

Laboratory used for the Courses: CEL302, CEL503 &
CEL603

Total Cost of the Laboratory as on today: Rs. 4,94,835/-

Faculty In-charge of the Laboratory: Mr.
Yashwanthkumar Shetty

Technical Supporting Staff: Mr.Pradeep Thakur



Geotechnical Engineering (CEL503 & CEL603)

Sr. No.	Details of Apparatus / Equipments/ Instruments / in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Shrinkage Limit	2	July 2016	3933/-
2	Core Cutter with dolly and hammer	5	July 2016	12600/-
3	Sand pouring cylinder small	1	July 2016	2160/-
	Liquid limit device (hand operated)	2	July 2016	9000/-
5	Standard proctor 100mm	1	July 2016	9630/-
6	Pycnometer bottle	10	July 2016	5130/-
7	Constant Head Permeability with Rammer	1	July 2016	18954/-
8	Direct Shear test	1	July 2016	57503/-
9	Triaxial test apparatus with Constant Pressure System	1	July 2016	175023/-
10	Consolidation test apparatus	1	July 2016	54934/-
11	Unconfined Compression test	1	July 2016	56187/-
12	CBR test apparatus	1	July 2016	42030/-
13	Enamel Tray (18 x 15)	5	July 2016	15750/-
14	Soil Hydrometer	1	Aug 2019	1250/-
15	Sample Outfit Extruder	1	Aug 2019	8500/-
16	Dial Gauge for Consolidation	1	Aug 2019	4500/-
17	20CM Diameter Brass frame Sieves	1	Aug 2019	6395/-
18	Tri-axial Shear Apparatus	1	Aug 2019	2500/-
19	Over Head Tank	1	Aug 2019	6800/-

4



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

Engineering Geology (CEL302)

Engineering Geology (CEL302)				
1	(Minerals) Quartz(Kyanite),Orange,Jasper,Agate,Biotite Mica,Plagioclase Feldspar,Amethyst,Beryl,Embedded Acteonolite in stealite,Calcite(Grey),Talc(Greenish White),Natrolite Acicular,Muscovite Mica,Haematite,Tourmaline(Black),Borite, Corundrum	1 each	June 2015	Collection
2	(Rocks) Granite,Vesicular Basalt,Gneiss(Banded Biotite),Quartztite,Compact Basalt,Marble,Laterite,Micaceous Sandstone,Sandstone(Red),Sandstone,Gneiss	1 each	June 2015	Collection

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