



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

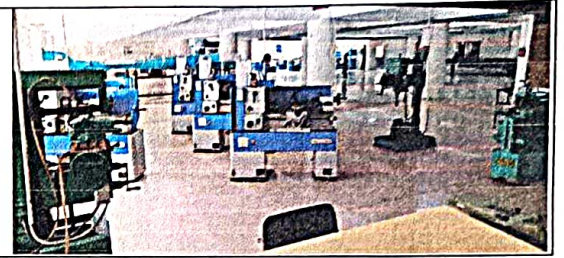
Anand Nagar, Kavesar, Off Ghodbundar Road,
 Thane (West)-400615

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 e-mail: headmech@nhitm.ac.in
 Website: www.nhitm.ac.in

Name of the Document: Laboratory Profile	Document No.: 01
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Department :Mechanical	Room No:016	Lab No:ME08
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Name of the Laboratory: Machine Shop
Programme : Under Graduate
Laboratory used for the Courses: MEL 302 & MTL 405
Total Cost of the Laboratory as on today:Rs. 16,88,301/-
Faculty In-charge of the Laboratory: Dr. Satish Silaskar
Technical Supporting Staff: Mr.Suresh Sagare



Sr. No.	Details of Computer/Apparatus / Equipments/ Instruments / in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Bench Grinder Model -BG-63, cap 0.33	1	Sep 2015	6750/-
2	Vernier Caliper 200mm L.C 0.02	10	Sep 2015	36,460/-
3	V Block 75x50x50mm	1	Sep 2015	1,750/-
4	Universal Milling Machine (Table 36" x 8")	1	Sep 2015	1,37,655/-
5	Lathe Machine hi cut 3.15 ABC-550mm (Centre Height-150mm)	5	Oct 2015	9,37,631/-
6	Power hack saw Machine 8"	1	Sep 2015	45450/-
7	Radial Drilling Machine (Cap.:- 25 m.m.)	1	Aug.2016	92,361/-
8	Shaping Machine (Cap.:- 315 m.m.(12'))	1	Aug.2016	1,61,875/-
9	Allen key	2	Sep 2015	677/-
10	Tap wrench(M18&M20)	1Each	Sep 2015	780/-
11	Spanner	2 Set	Sep 2015	1,627/-
12	Adjustable Spanner	1	Sep 2015	397/-
13	Steel Rule	2	Sep 2015	60/-
14	sleeves	4	Sep 2015	980/-
15	Tool Holder	8	Sep 2015	4,200/-
16	Boring Bar	8	Sep 2015	5,252/-
17	Drill Drift	1	Sep 2015	285/-
18	Drill chuck	2	Sep 2015	1,400/-
19	Screw Pitch Gauge	1	Sep 2015	275/-
20	Metric Gauge	1	Sep 2015	380/-

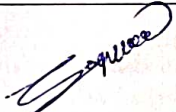
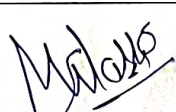

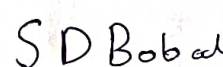



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21	Universal Marking Gauge	05	Sep 2015	7,200/-
22	Ball Pin Hammer	2	Sep2015	330/-
23	Spirit Level	01	Apr.2014	253/-
24	Safety Goggle	5	Aug.2014	190/-
25	Punch Number	1set	Sep.2015	288/-
	Punch Letter	1set	Sep.2015	864/-
26	Dot Punch	4	Sep.2015	140/-
27	Mounting pad 98 dia With bolt m12X75mm	40	Aug.2015	24,000/-
28	Mounting pad 98 mm dia With bolt m12X100mm	32	Sep.2016	19,200/-
29	Mounting pad 98 mm dia With bolt m12X150mm	4	Aug.2016	2,400/-
30	Screw Support m/c Mount DLC2M with M12X100mm bolt	4	Aug.2016	2,400/-
31	Solid Punch	1	Sep.2015	169/-

Prepared By	Verified By		Approved By	Certified By
 Lab Incharge	 HOD	 Consolidated Stamp/Seal of College	 S D Bobade Vice Principal	 Principal