



**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

Phone: 022-25971778 022-25970815  
 e-mail: [headmech@nhitm.ac.in](mailto:headmech@nhitm.ac.in)  
 Website: [www.nhitm.ac.in](http://www.nhitm.ac.in)

**Name of the Document: Laboratory Profile**

**Document No.: 01**

**Department : Mechanical Engineering**

**Room No: TF 603**

**Lab No: ME03**

**Name of the Laboratory: Material Testing Lab.**

**Programme : Under Graduate**

**Laboratory used for the Courses: MEL301**

**Total Cost of the Laboratory as on today: Rs.5,16,087/-**

**Faculty In-charge of the Laboratory: Mr. Ganesh B. Kolekar**

**Technical Supporting Staff: Mr. Manish Sawant**



Sr. No.	Details of Computer/ Apparatus / Equipment's/ Instruments in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Triangular Microscope with computerized Camera Attachment	1	Aug 2015	1,24,400/-
2	Abrasive Belt Grinder Dry Type	1	Aug 2015	27,900/-
3	Double Disc Polishing Machine	1	Aug 2015	54,900/-
4	Jominy End Quench Test Apparatus	1	Aug 2015	99,000/-
5	Standard Microstructure Specimen Set	1	Aug 2015	14,500/-
6	Cold Setting Die Set	1	Aug 2015	9,000/-
7	Use of Comparator (Mechanical with stand)	1	July 2016	22,950/-
8	Thread Measurement (screw Thread Micrometer)	1	July 2016	4,250/-
9	Gear Measurement (Gear tooth Vernier Caliper)	1	July 2016	8,500/-
10	Use of Profile Projectors	1	July 2016	1,06,675/-
11	Use of linear & angular measuring Instrument (side Bar-200mm)	1	July 2016	6,375/-
12	Measurement of Flatness (Optical flat Unit 25mm)	1	July 2016	29,750/-

Prepared By	Verified By		Approved By	Certified By
 Lab Incharge	 HOD		 Vice Principal	 Principal