



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
 Website: www.nhitm.ac.in

Name of the Document: Laboratory Profile

Document No.: 01

Department Mechanical

Room No:122

Lab No: ME07

Name of the Laboratory: Engineering Workshop-I

Programme : Under Graduate

Laboratory used for the Courses: VSEC101 and VSEC201

**Total Cost of the Laboratory as on today:Rs. 7,00,660
 +45000 (Recurring)= 7,45,660/-**

Faculty In-charge of the Laboratory: Mr. Pravin B. Alone
Technical Supporting Staff: Mr.Mandar Sarmalkar,Manish Sawant



Sr. No.	Details of Computer/ Apparatus / Equipments/ Instruments in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	WHITE Worth Quick Return Mechanism	1	Dec 2015	3,000/-

Sr. No.	Details of Apparatus / Equipments/ Instruments / in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Jack plane metal 355mm	20	Mar-2014	13,900/-
2	Rip saw 18"	20	Mar-2014	1,200/-
3	Outside spring caliper 6"	05	Mar-2014	0,175/-
4	Inside spring caliper 6"	05	Mar-2014	0,175/-
5	Divider spring type 6"	05	Mar-2014	0,175/-
6	Ball peen hammers 400gm.	03	Mar-2014	0,690/-
7	Chisel bevel edge 1/4"	06	Mar-2014	0,312/-
8	Chisel bevel edge 1/2"	06	Mar-2014	0,342/-
9	Chisel bevel edge 1 1/2"	06	Mar-2014	0,540/-
10	Chisel farmer 1/4"	06	Mar-2014	0,252/-
11	Chisel farmer 1/2"	06	Mar-2014	0,300/-
12	Chisel farmer 1"	06	Mar-2014	0,360/-
13	Chisel farmer 1 1/2"	06	Mar-2014	0,432/-
14	Chisel mortise 1/4"	06	Mar-2014	0,252/-
15	Chisel mortise 1/2"	06	Mar-2014	0,300/-
16	Chisel mortise 3/4"	06	Mar-2014	0,360/-
17	Rasp cut file 8"	12	Mar-2014	3996/-
18	Rasp cut file 12"	06	Mar-2014	2,862/-



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19	Marking gauge	06	Mar-2014	0,390/-
20	Triangular file 6"	10	Mar-2014	3,450/-
21	Screw driver 6",8",12	01each	Mar-2014	0,471/-
22	Angle plate 5"x6"	01	Mar-2014	1,680/-
23	Surface plate 18"x18"	01	Mar-2014	8,000/-
24	Engg. Try square 6"	20	Mar-2014	2,940/-
25	Ball peen hammers 200gm	05	Mar-2014	0,700/-
26	Ball peen hammers 100gm.	08	Mar-2014	0,960/-
27	Chipping hammer 12"	10	Mar-2014	0,550/-
28	Hand screen (Welding)	04	Mar-2014	0,600/-
29	Welding holder	04	Mar-2014	0,360/-
30	Ear thing clamp	04	Mar-2014	0,500/-
31	Mallet hammer	10	Mar-2014	1,600/-
32	Allen key set 1to 13 mm	01set	Mar-2014	0,400/-
33	Flat file 12"	40	Mar-2014	8,880/-
34	Safe edge file 8"	20	Mar-2014	4,800/-
35	Triangular file 8"	10	Mar-2014	3,000/-
36	Knife edge file 8"	10	Mar-2014	4,200/-
37	Round file 8"	10	Mar-2014	2,400/-
38	Half round file 8"	10	Mar-2014	4,240/-
39	Pipe wrench ½" to 1"	02	Mar-2014	1,046/-
40	Pipe cutter	02	Mar-2014	1,860/-
41	Pipe threading die stock	02	Mar-2014	2,094/-
42	Pipe threading die stock ½"to 1"	02	Mar-2014	3,850/-
43	Pillar type Drilling machine	01	Mar-2014	10497/-
44	Claw hammers 400gm.	03	Mar-2014	0,690/-
45	Bench grinder	01	Mar-2014	7,500/-
46	Sheet metal sneep 24"	02	Mar-2014	1,440/-
47	Sheet metal sneep 12"	02	Mar-2014	0,280/-
48	Sheet metal sneep 8"	02	Mar-2014	0,180/-
49	Sheet metal bend sneep 8"	02	Mar-2014	0,320/-
50	Steel rule 1mtr.	02	Mar-2014	0,540/-
51	Stake	02	Mar-2014	1,700/-
52	Oil cans 250ml.	02	Mar-2014	0,170/-
53	Anvil with stand	04	Mar-2014	24,800/-
54	Fix spanner (British)	02	Mar-2014	0,440/-


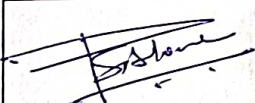

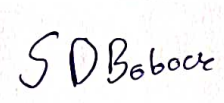



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55	Ring spanner (British)	02	Mar-2014	0,576/-
56	Mallet wooden 4"	02	Mar-2014	0,080/-
57	Die stock 1/2"	01	Mar-2014	0,130/-
58	Transformer 1 phase; 200AMP.	02	Mar-2014	59080/-
59	Welding cable	20mtr.	Mar-2014	5600.00/-
60	Bench vice 6"	40	Mar-2014	2,06,320/-
61	Carpentry vice 8"	20	Mar-2014	0,59,080/-
62	Pipe vice 2"	08	Mar-2014	14,352/-
63	Spot welding machine 10KVA	01	Mar-2014	49,585/-
64	Steel tape 5M	01	Aug.-2014	0,089/-
65	Adjustable Screw spanner	01	Mar-2014	380.00/-
66	Flat chisel 1" (Taparia)	04	July-2016	468.00/-
67	Vernier height gauge	01	Sept-2015	20000.00/-
68	Vernier caliper 6"	10	Sept-2015	36460.00/-
69	Combination Plier 210mm(Taparia)	01	Sept-2015	3375.00/-
70	Steel Rule 12"	02	Sept-2015	60.00/-

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