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

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Name of the Document: Laboratory Profile	Document No.: 01

Department:Mechatronics Engg.	Room No:TF609	Lab No:MX-01

Name of the Laboratory: Electronics Workshop
Programme : Under Graduate
Laboratory used for the Courses: MTL303, MTL602, MEL401
Total Cost of the Laboratory as on today: Rs.4,92,165/-
Faculty In-charge of the Laboratory: Mr.Jayesh R. Dhuri
Technical Supporting Staff: Ms. Suchitra Morbale

Sr. No.	Details of Computer/ Apparatus / Equipments/ Instruments in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	PCB Design Machine	1	June 2016	3,00,000/-
2	Soldering Iron	5	June 2015	1,000/-
3	Solder Iron Stand	5	June 2015	375/-
4	Hand drill machine	2	June 2015	2,400/-
5	Dell Optiplex Desktop Computer	1	Sept-2014	32,445/-
6	HP Printer 1020 Plus	1	March-2017	9,000/-
7	Intex Desktop	1	June 2017	29,750/-
8	CRO Dual Trace Oscilloscope	2	Sept-2015	31,100/-
9	Table Top Multimeter	1	Nov-2015	5,600/-
10	Regulated Bench Rack Power Supply	1	Sept-2015	12,000/-
11	Four Output Bench Rack	1	Sept-2015	11,650/-
12	V-I Characteristics of SCR Kit	1	Aug-2016	3,080/-
13	Firing Circuit of SCR Kit	1	Aug-2016	4,900/-
14	IGBT Characteristics	1	Aug-2016	3,710/-
15	Three Phase Fully Controlled Rectifier Circuit	1	Aug-2016	24,640/-
16	Single Phase Bridge Inverter Kit	1	Aug-2016	8,190/-
17	Triac-Diac Lamp Dimmer Kit	1	Aug-2016	4,760/-
18	MOSFET Characteristics	1	Aug-2016	3,080/-
19	Buck Converter	1	Aug-2016	9,240/-
20	Boost Converter	1	Aug-2016	9,240/-

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