



Department of Mechatronics 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: [headmtrx@nhitm.ac.in](mailto:headmtrx@nhitm.ac.in)  
Website: [www.nhitm.ac.in](http://www.nhitm.ac.in)

Name of the Document: Laboratory Profile	Document No.: 01
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Department: Mechatronics Engineering	Room No:TF612	Lab No:MX04
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Name of the Laboratory: Applied Electronics Lab	
Programme : Under Graduate	
Laboratory used for the Courses: MTL302,MTL401,MTL702	
Total Cost of the Laboratory as on today: Rs 341,899/-	
Faculty In-charge of the Laboratory: Mrs Preeti Samdani	
Technical Supporting Staff: Ms. Suchitra Morbale	

Sr. No.	Details of Computer/ Apparatus / Equipments/ Instruments in the Laboratories	Quantity	Year of Purchase	Cost (Rs)
1	Table top Multimeter	5	2015	28000/-
2	Four O/P Bench Rack	1	2015	11,650/-
3	Function Generator	5	2015	32500/-
4	Dual O/P preset DC Power Supply	6	2015	42000/-
5	Dual Trace Oscilloscope	2	2019	36000/-
6	Function Generator	3	2019	25500/-
7	Dual DC Power Supply	3	2019	28500/-
8	Dual Trace Oscilloscope	5	2015	77750/-
9	Voltmeter	3	2015	4185/-
10	Ammeter(0-100mA)	3	2015	4185/-
11	Ammeter(0-500)	3	2015	5115/-
12	Wheatstone+Kelvein+Maxwell Bridge	3	2015	8525/-

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