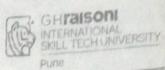


	Pune
1	PORTTCAL-T
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1	
-	Thermistor (Virtual)
	Aim: To study the characteristics of Thermistor, DC Power Supply, Multimeter, Apparatus: NTC Thermistor, DC Power Supply, Multimeter, Apparatus: NTC Thermistor, DC Power Supply wires, Beaker
	Apparatus: NTC Thermistor, DC Yower Supply, maring wires, Beakon heating Source, thermometer, connecting wires, Beakon
1	heating outlier
1	Diagram: Thermometer
1	Diagram: Thermome of
1	1 1/1 1000
1	Ohm-meter
1	to water
1	Thenmistor
1	Them austor
	1 9
r	
1	
1	Bunsen Bwiner
1	
-	
-	Observations  1) Room temperature = To = 25°C 298 kelvin
	1) Room temperature
T	27 Voltage = V = 1 V
1	2) Resistance at your temperature = Ro = 100 0
-	
	Gran araph.
1	Observations from graph.  Observations from graph.  Observations from graph.  Observations from graph.
	Observations from graph.  1 The graph of 1/T vs lack) for an NTC thermistor should be linear, with a -ve slope indicating the inverse relationship linear, with a -ve slope indicating and temperature.
	linear with a -ve slope indicating the
	linear, with a -ve slope indicating and temperature.  No resistance by resistance and temperature.
	DIA TESTICO



				Pune	
Observation To	able			The same of the same of the same	
Temperatur(T)	Temperatry (T)	1/1	Current (I)	Thermisto	Inc
·°C	Keluh	consent processing and produced and the con-	mA	Resistance	
25	298	0.003317	1 1	100	4.6
30	303	0.0033003	1.2	83.33	4.4
35	308	0.0032468	1.4	71.4	4.2
40	313	0.0021949	1.7	58.8	46
45	318	0.0031447	2	50	3.9
50	323	0.003096	2.4	41.6	3-7
55	328	0.0030488	03	33.3	3.5
60	333	0.003003	3.6	27.7	3.3
65	338	0.0029586	4.5	22.2	3.1
70	343	0.0029386	5.5	18018	2.9
		0.002 8736	6.9	14.9	2.6
75	348	0.0028736	8.6	11.6	2.4
80			10.8	9.2	R.2
85	358	0.0028329	13:6	7.3	1.9
90	90	0.0027548		5.7	1.7
95		0.0027174	17.3		1.5
100	373	0.00 2681	22.1		
2/1					
Conclusion					
		A SECULAR SECURITY SECU	1-		L/NITO

NTC thermistors show a negative temperature coefficient (NTC)
meaning the resistance decreases as the temperature

Increases

Procedure

Start the virtual las simulation using the link below and connect all the connections given in the diagram.

the POWER ON

