

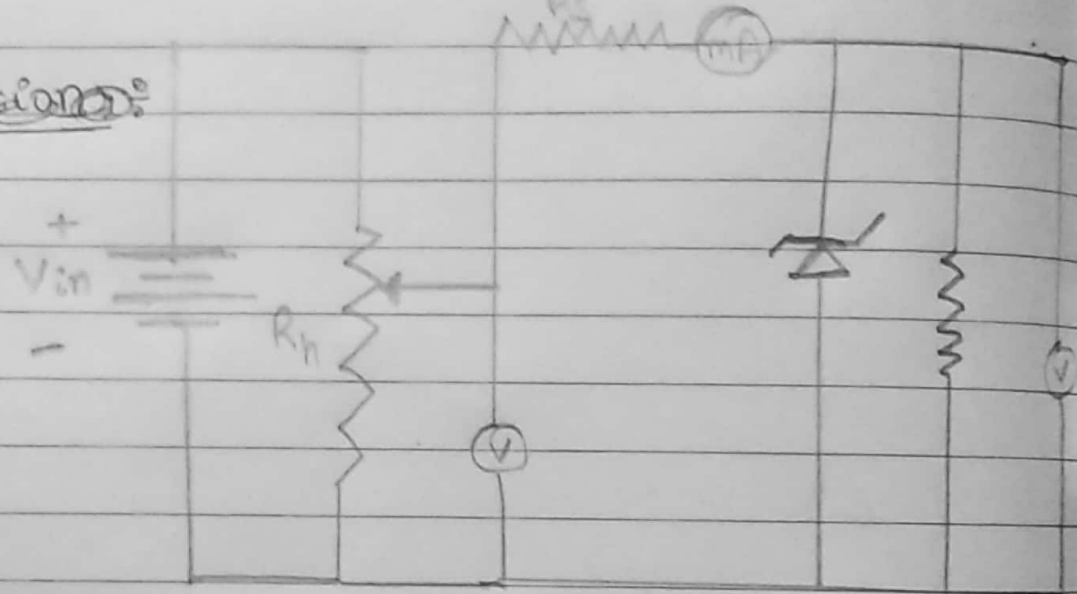
# Experiment-2

## Physics-V Lab

Aim:- To draw the static current voltage (I-V) characteristics of junction diode

Apparatus:- Diode, resistor, variable DC power supply, milliammeter, voltmeter, Rheostat and wire

Observations:-



Observations:-

Rheostat value (R)	Series Resistance R ( $\Omega$ )	$R_L$	$I_Z$ (mA)	V
1000	500	18000	0.0000	0
900	500	18000	0.0001	1.16
800	500	18000	0.0000	2.31
700	500	18000	0.0001	3.463
600	500	18000	0.0000	4.640
500	500	18000	0.3292	5.595
400	500	18000	2.7047	5.596
300	500	18000	5.1005	5.597
200	500	18000	7.5244	5.598
100	500	18000	9.9844	5.599
0	500	18000	12.4889	5.6

