## Ohm's Law II

**<u>AIM</u>**: To find the change in resistance of a given material with length using ohm's Law

**<u>APPARATUS</u>**: Cells, Ammeter, Voltmeter, Rheostat, Key, Screw Gauge, Graph Paper, Connecting wires etc



Sl No	Length of the wire (L) cm	Ammeter Reading (I) Ampere	Voltmeter Reading (V) Volts	Resistance of the wire (R) ohm
1				
2				
3				
4				
5				
6				

## RESULT:

Resistance of the wire is found proportional to the length of the wire