

## 1 Resistor and current measurement

### 1.1 Items required

1. LEDs-various colors through hole - Qty- 10
2. Resistor

Table 1: Items required

Sl No.	Item	Qty	Remarks
1	LEDs	10	Assorted color- through hole
2	Multimeter	1	Any brand- keep spare batteries
3	Powerbank	1	Any brand- full charged
4	Resistor	10	Assorted values from $10\Omega$ to $100K\Omega$ - through hole
5	MicroUSB cable and microcontroller adapter board	1	For drawing power from powerbank

## 2 Motor control