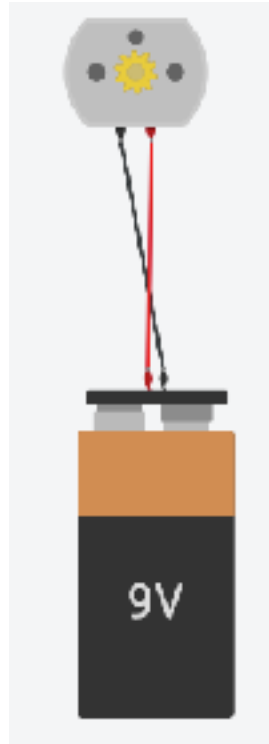


## **19AIE103 – Introduction to Drones**

### **Lab Worksheet – 2**

#### **Basics Electronics - DC motor circuit**

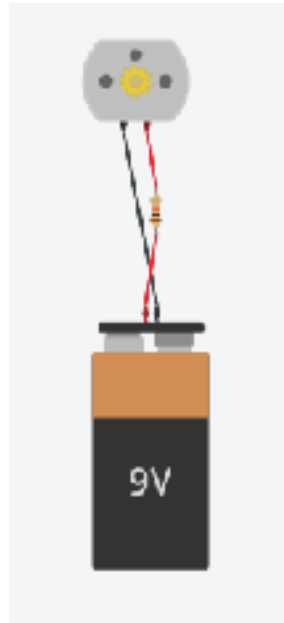
1. Design a simple circuit to run a DC motor



Points to learn

- Changing direction of motion
- Using multimeter to measure current and voltage

2. Design a simple circuit to reduce the default speed of a DC motor



Points to learn

- Relationship between motor speed and current
- Controlling speed of the motor using resistor

Assignment

1. Design a circuit to control the speed of the motor using potentiometer
2. Design a circuit to control motor direction using on/off switch