

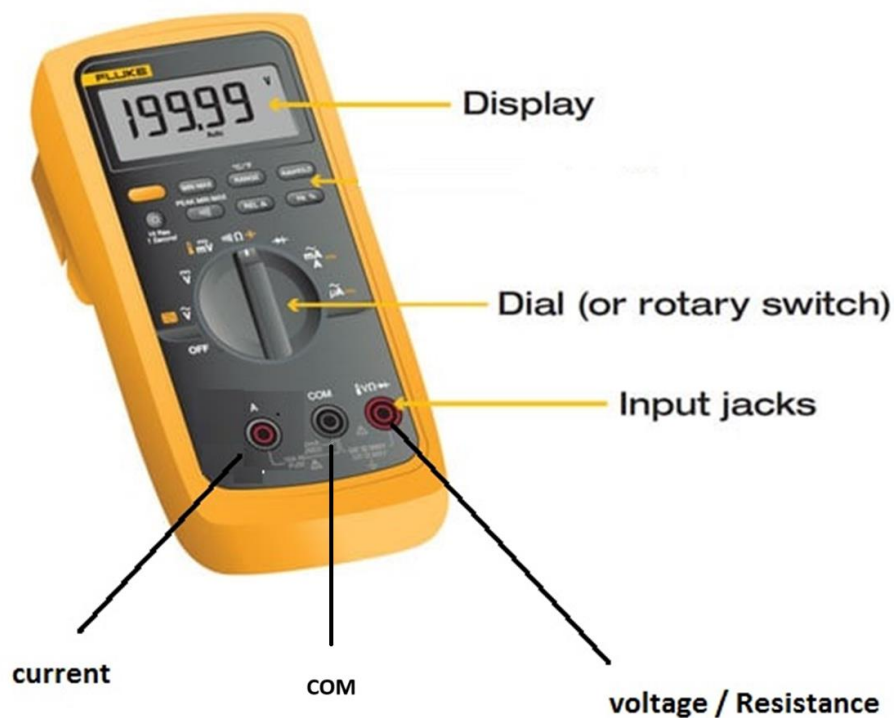
## ATAL TINKERING LAB

### 3. Digital Multimeter

A multimeter is a versatile tool for measuring electricity. It helps to check voltage, current, and resistance in electrical circuits. Electricians and engineers use it for various tasks.

**AIM:**

- To learn to use a Digital Multimeter.
- To measure current, voltage and resistance.
- To check continuity in the circuit.
- To test Diode and Transistor.





### **Parts of Multimeter:**

- Multimeters have three main parts: Display, Selector Switch, and Probes.
- These parts work together to measure electrical properties.
- Each part has a specific role in the process.

### **Using Multimeter:**

- To use a multimeter, set the dial to the right function (voltage, current, or resistance).
- Connect the red probe to the positive part of the circuit and the black probe to the negative part.
- Then connect the probes into the circuit for measuring current / voltage / resistance
- Read the measurement values displayed on the screen.

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