

1. Pencil Battery (Also known as Dry Cell) :

1. Voltage : 1.5V
2. It's a Non Rechargeable Battery.

2. DC Power Supply :

1. From a DC Power Supply we can get any voltage from 0 to 30

3. Resistor :

1. A resistor is an electrical component that limits or regulates the flow of electrical current in an electronic circuit.
2. The color of a resistor depends on the value of resistance, for example for resistance = 2.7

4. LED

1. light emitting diode
2. LEDs are commonly used in lighting fixtures for homes, offices, and public spaces. They are also found in electronic displays, traffic lights, automotive lighting, and many other applications

5. Multimeter

1. With a Multimeter we can measure Amperage, Voltage and Resistance.

6. Oscilloscope

1. An Oscilloscope is an electronic test instrument that displays the graphical representation of electrical signals and shows how those signals change over time
2. it is a versatile electronic instrument used for visualizing and analyzing electrical signals in the time domain.

7. Function Generator

1. A function generator can produce
2. different types of voltage.
3. different shapes of voltage.
4. It can also produce the desired shape of the desired frequency which can be sine wave, square wave or triangle wave etc