Electric Basics #8:

This video we can get knowledge about:

1)What is the structure of an LED?

= Every LED has 3.2 volts forward voltage, the current to light up the LED is 20mA.

2)What is the value of the resistor used to make an LED circuit?

=To calculate the value of resistor, we should use KVL (Kirchhoff's Voltage Law) and know the value of supply voltage. In KVL, we should use the value of LED is 3.2 volts and the value of current through the total circuit is 20 mA. By Calculating this value, We can find the value of external resistor.