**Battery Voltage State Indicator using 741**

 This circuit uses two op-amps in comparator mode, which compare the battery voltage with references voltage. The battery voltage is connected to E (pin 2 of IC1 and pin 3 of IC2) as show in circuit diagram, which further compares with reference voltage E1 and E2.

If the battery voltage is less then 6V, LED2 glow, similarly if battery voltage is 6V to 9V LED3 glow and if the battery voltage is greater than 9V LED1 glow.

The variable resistors VR1 and VR2 is so adjusted that the voltage between pin 2 of IC1 and earth is 9V and voltage between pin 3 of IC3 and earth is 6V.

