

VIDYA BHAWAN BALIKA VIDYAPEETH

STUDY MATERIAL SCIENCE

CLASS-VII

Date : 21-02-2021

Teacher : Poonam Kumari

▶ Heating & Magnetic effect of Electric current

Electric Cell and Battery

The common source of electricity to run the number of devices, e.g. torches, radio, electric clocks and watches, toys, etc., is an electric cell, but sometimes a single cell is not sufficient to run many devices as they require high voltage to run all these appliances.

The cell provides much less electricity as compared to that provided by the electric supply line.

e.g. in the case, a single electric cell which provides only 1.5 V of electricity, whereas electricity from the power station is supplied to our home at very high voltage of 220 V.