



## 19CH201 - ENGINEERING CHEMISTRY

### UNIT-2 - ENERGY STORAGE DEVICES

#### Introduction

A battery is an arrangement of several electrochemical cells connected in series, that can be used as a source of direct electric current at a constant voltage.

**Cell:** Contains an anode and cathode

**Battery:** Contains several anodes and cathodes

#### Requirements of a Battery

- i) It should be light and compact for easy transport.
- ii) It should have long shelf life, when it is being used and not used.
- iii) The voltage should be appreciably constant during its use.

