

CHAPTER

14

**CHEMICAL EFFECTS OF
ELECTRIC CURRENT****Electroplating:**

The process of deposition of a layer of a desired metal on another material by using electricity is known as Electroplating.

Applications:

- Chromium plating is done on many objects such as car parts, bicycle handle bars, kitchen gas burners.

Because chromium is corrosive resistance, scratch resistance and also has shiny appearance.

- Jewellery makers electroplate, silver and gold on less expensive metals.
- Tin cans used for storage of food are made by electroplating tin into iron.

As tin is less reactive protects food from getting spoiled.

- Iron articles used in bridges and automobiles are coated with zinc to provide corrosive resistance.
- This process of coating of zinc over iron is called Galvanisation.