AIM AND OBJECTIVES

It is believed that herbal drugs provide a safer and natural way to human body in both pharmaceutical and nutraceutical aspects. According to Food and Drug Administration (FDA) herbal drugs can be developed more rapidly and less costly than conventional single-entity pharmaceuticals.

The aim of the study was to evaluate and determine hepatoprotective potential of *Adenanthera pavonina* and *Erythrina indica* against anti-tubercular drugs-induced hepatotoxicity in rats.

Following objectives were carried out.

(A) *In vitro study*
   
   (I) To determine the total phenolic and flavonoidal contents in plants extracts.
   
   (II) To perform antioxidant activities (DPPH, Nitric oxide & Reduction Potential) in plants extracts.

(B) *In vivo study*
   
   (I) To investigate the hepatoprotective activity in rats.
   
   (II) Estimation of antioxidant potential in rats.
   
   (C) Isolation of some phytoconstituents from plant extract.