3. Aims & Objectives

1. To standardize the streptozotocin induced diabetic rat model for both type I and type II diabetes for the development of Diabetic Retinopathy.

2. To evaluate the following herbal drugs and their combination for the management of DR:
   
   a. *Momordica charantia*
   b. *Boerhavia diffusa*
   c. *Eugenia jambolana*
   d. *Tinospora cordifolia*
   e. Polyherbal combination of the above drugs

3. Study of lens and fundus photographs and fluorescein angiography to see the role of above drugs in prevention of diabetic retinopathy.

4. To explore the mechanism of these drugs by studying:
   
   a. Glycemic parameters
   b. Angiogenic parameters
   c. Anti-inflammatory markers
   d. Antioxidant parameters

5. Histopathological examination of retina