Aim & Objectives
AIM AND OBJECTIVES OF THE STUDY

1. To study, whether TC has anti-diabetic activity? If so, what would be the effective dosage? 200 mg/kg b.w, 400mg/kg b.w or 600mg/kg b.w?
   - Among the aqueous and alcoholic extracts of TC, which extract is more effective?

2. To study, whether the drug has long term potency, if it is administered for 5 days, 10 days and 30 days as single dose in diabetic rats? Is it sufficient to maintain the blood glucose levels in diabetic rats? What is it’s effect in non-diabetic control rats?
   - Whether, the drug can protect the other metabolic derangements in diabetic rats?
   - Whether, the drug acts through insulin release or through other mechanisms?
   - Whether, the drug increases glucose utilization or glycogen synthesis?
   - Whether, the efficacy of actions of TC can be compared with that of insulin?