

### 3. Aim and Objectives

#### 3.1 Aim

The present thesis aims at the development of anti-obesity compositions from selected Indian medicinal plants

#### 3.2 Objectives

- i) To prepare the extracts from selected Indian medicinal plants and determine their *in vitro* inhibitory activity against pancreatic lipase
- ii) To prepare the anti-obesity compositions by performing combination studies of the active extracts against pancreatic lipase
- iii) To study the anti-obesity activity of prepared compositions using high fat diet induced obesity model in mice
- iv) To perform chromatographic analysis of the developed anti-obesity compositions
- v) To perform the functional interaction studies between pancreatic lipase and selected bio-active markers