Chapter 2

RESEARCH ENVISAGED
2.1 AIMS AND OBJECTIVES

The present study has been designed to investigate the phytochemical and pharmacological evaluation of *Saraca asoca* and *Jasminum grandiflorum*. The literature survey revealed that *Saraca asoca* and *Jasminum grandiflorum* have exhibited variety of biological effects like anti-oxidant, anti-microbial and anti-inflammatory and also have beneficial effect in metabolic disorders. However, the antidiabetic potential and renoprotective of *Saraca asoca* and *Jasminum grandiflorum* has not been explored. The present study was planed as follows:

- Collection and Identification of *Saraca asoca* and *Jasminum grandiflorum* leaves.
- Preparation of extracts of *Saraca asoca* and *Jasminum grandiflorum* leaves.
- Phytochemical screening of *Saraca asoca* and *Jasminum grandiflorum* extracts
- Evaluation of Antioxidant, Hypoglycemic, Hypolipidemic and Renoprotective potential of *Saraca asoca* and *Jasminum grandiflorum* in STZ-induced experimental diabetic animal.
- To elucidate the possible mechanism of action for pharmacological activity.