3. AIM OF THE STUDY

The aqueous extract of leaves of *Salvadora persica* have been used as lithotriptic in folklore medicine.\(^{5,24}\) However, so far no systematic study has been reported regarding the antilithiatic property of leaves of *Salvadora persica*. So, an effort has been made to carry out the following studies.

- Pharmacognostic study of leaves of *Salvadora persica*
- Extraction of leaves of *Salvadora persica* with petroleum ether, hexane, chloroform, ethanol and water
- Establishing scientifically the antilithiatic activity of leaves of *Salvadora persica* using ethylene glycol induced hyperoxaluria model in rats
- Isolation of compounds present in the leaves of *Salvadora persica*
- Characterisation of isolated compounds by using modern methods
- Evaluation of antilithiatic activity of isolated compound
- Comparison of antilithiatic activity of extract of leaves of *Salvadora persica* and isolated compound