AIMS AND OBJECTIVES
Aims and objectives

The aim of the present investigation is to survey the rural area of Shimoga district and document ethnomedicinal formulations of plant origin, that are used for treating ailments affecting humans and his domestic animals. It is also aimed to select an ethnic plant species that is used to treat a prominent ailment that affected humans, for its pharmacological activities and to characterize the functional group of the effective fraction of the phytochemical compound.

The objectives of the present investigation are,

1. To identify folk or local communities residing in Shimoga district and to document ailments affecting these communities and their domestic animals.
2. To document detailed information on ethnoformulations, their components, plants and their part used, method of drug preparation, mode of application, dosage and duration.
3. To collect ethnomedicinal plant species, prepare herbaria and photographic documentation.
4. To evaluate the efficacy of an important promising ethno-medicinal plant species in the study area for anti-microbial and wound healing properties.
5. To characterize the crude fraction(s) that showed the above properties, with spectroscopic techniques like FT-IR, LC-MS and NMR, at least to the group level.