AIMS AND OBJECTIVES
Review of literature suggested that considerable information is available on fungal diseases of cultivated medicinal plants and their control by the application of fungicides. However, limited references are available on the diseases of uncultivated medicinal plants. It may be also possible that diseases may not be apparently visible during certain growth stages or seasons and systematic infections of medicinal plants that yield tubers, rhizomes or roots cannot easily be detected unless they exhibit disease symptoms.

Information on qualitative and quantitative changes in the phytochemical constitution of medicinal plants, prior to and after infection has been limited to few cultivated medicinal plants.

Since mankind required the high curative active principles of the medicinal plants and their products, it is very essential to study and document pathogenic microorganisms that cause disease and lead to the depletion of the medicinal plants population and determine any change in the medicinal principles. Hence, the present study was taken up.

The objectives of the present investigations are detailed below:

i. Survey of herbaceous medicinal plants growing naturally in Bhadra Wildlife Sanctuary.
Aims and Objectives

ii. To record the diseases caused fungi, etiology of disease, their severity, extent of damage to herbaceous medicinal plants, their seasonal incidence and occurrence in different study sites in the sanctuary and to prepare disease calendar and disease map.

iii. To isolate and characterize causal organisms, and establishment of their pathogenicity in the respective hosts, and

iv. To analyze the quantitative variation in the phytochemicals - primary and secondary metabolites, in healthy and diseased medicinal plant materials.