Objective:

Following objectives will be considered for the study.

a) mapping of the water body, structure, diversity and distribution of floral faunal species of water body.

b) analysis of physic-chemical parameters.

c) analysis of biological parameters with respect to diversity, distribution, seasonal variation and abundance of phytoplankton and zooplankton.

d)) study of diversity of invertebrates and their ecological role.

e) the present study will be helpful in understanding of water bodies, their structure diversity and distribution of floral and faunal species of water bodies.

f) the study shall deal with analysis of water quality in terms of number of physic-chemical parameters and microbial flora and fauna associated aquatic environment.

g) microbial studies are of great importance both from the view of monitoring and maintaining a proper aquatic environment as well as optimum utilization of the available and added nutrients for fish production.

h) these water sources have multifarious uses like drinking, bathing, agriculture, horticulture, livestock and other agro-related activities. The study will help to biodiversity, quality, and biological conditions of water bodies. These studies will also create a public awareness in the district and will be helpful to the scientific community in general and Government in particular.