4) **OBJECTIVES**

The following objectives will be worked out

1) **Morphometric study of tanks with respect to location, catchment area, water spread, water storage capacity.**

2) **Physicochemical Studies**
   
   **A) Physical Studies**
   
   a) Surface water temperature
   
   b) Light transparency
   
   c) Relative Humidity
   
   d) Rainfall
   
   e) Total solids (T.S.)
   
   **B) Chemical Studies**
   
   a) pH
   
   b) Dissolved O$_2$
   
   c) Dissolved CO$_2$
   
   d) Hardness
   
   e) Calcium
   
   f) Magnesium
   
   g) H$_2$S.
   
   h) Nitrate
   
   i) Phospate

3) **Biological Studies**

   a) Flora and Fauna
   
   b) Phytoplanktons and Zooplanktons
   
   c) NPP and GPP

4) **Fisheries**

   a) Fish diversity
b) Stocking

c) Fishing

d) Marketing

e) Present status of fish production

f) Socio-economic status of Fisherman community.

g) Improvement of catchment area.