



CHAPTER 3: OBJECTIVES

The objectives of the proposed study are:

- i) To assess the present status of the management aspects of aquaculture in primarily rain-fed districts of Bankura and Purulia with particular emphasis on integrated farming practices so as to identify the future scopes of intensification and to increase productivity,
- ii) To evaluate the physico-chemical (Temperature, pH, transparency, dissolved oxygen, alkalinity, hardness, ortho-phosphate, $\text{NO}_3\text{-N}$ and $\text{NO}_2\text{-N}$,) and biological conditions (plankton density and composition, macrophyte composition) of fish culture ponds towards formulating area specific management packages with respect to nutrition, and, water and soil quality parameters.
- iii) To assess the present status of fisheries management of the reservoirs of these two districts and
- iv) To evaluate the physico-chemical (Temperature, pH, transparency, dissolved oxygen, alkalinity, hardness, ortho-phosphate, $\text{NO}_2\text{-N}$ and $\text{NO}_3\text{-N}$,) and biological conditions (plankton density and composition, macrophyte composition) of the selective reservoirs towards identifying the limiting factors of production so as to recommend specific measures to augment production from the reservoirs.