Outline of the Thesis

The thesis entitled “Studies on a few population ecological parameters of Zooplankton in Cauvery river, Kapila river and at their confluence in Mysore district” comprised of 3 Chapters.

➢ **Chapter-1:** Contains general introduction about the fresh water ecosystem and lotic ecosystems, this chapter also describes the importance of analysis of physico-chemical parameters and the significance of Zooplankton groups in the aquatic ecosystem followed by detailed literature survey and the chapter ends with the objectives of the thesis.

➢ **Chapter-2:** consist of brief introduction of 21 physico-chemical parameters and WQI followed by the literature survey, materials and method, results and discussion, the chapter ends with summary and conclusion.

➢ **Chapter-3:** Comprises brief introduction on abundance, diversity and bio-volume on Rotifers, Cladocera, Copepods and Ostracods and Total Zooplankton followed by literature survey, materials and methods, results, discussion and ends with summary and conclusion.

➢ Finally the Out-come and recommendations has been described on the basis of results and conclusion.