CHAPTER: II
AIMS AND OBJECTIVES OF INVESTIGATION

The water bodies are increasingly getting polluted due to anthropogenic activities. The quantity of outfall and chemical composition is kept confidential so that people around are not provoked but recent awakening of environmental awareness has created problems and forced the industries to abide by the standards. Existing concepts of standards, of outfall are not strictly followed even in
big industrial concerns owned by public and private sectors. Hence
collection of data is very essential in all reported cases.

The distillery and refinery effluents are strongest ones, having
a high organic load and cause severe fouling of the atmosphere.
Limited investigation has been carried out on impact of distillery
effluent on River water quality. These included David and Ray (1966),
et al (1985), and Shankar et al (1986). The detail study is essential
to understand the impact of distillery and vegetable oil factory effluents
on River water quality.

The present investigation enabled analysis of pure distillery and
refinery effluents characteristics, recovery of the effluents before
its outfall to the River and its impact on the River Wainganga.

OBJECTIVES OF THE WORK :

To study the impact of distillery and vegetable oil factory effluents
on the River Wainganga.

To understand the water quality of the River.

To study the distribution of organisms in different stretches of the
River.

To study the pollution loading in the River, in the light of
physico-chemical and biological parameters.

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