Objectives:-

✓ River water is important surface water sources which obtains water from rains water. The history of the surface water and ground water gets contaminated by an industrial waste. So, The ratio of Ions And dissolved Oxygen which are present in the Ground Water and Surface water is the serious problem for human beings as well as water bodies will create water born diseases. People in developing countries so quality of the water of these water bodies and soil is deteriorating, fast creating social, economical and technological problems.

✓ The present study has been viewed with a large degradation in the pollution of valuable water of kathalal region.

✓ Survey and selection of sites for river water samples and ground water samples which mainly includes in study area region.

✓ Investigation of physic-chemical analysis of ground ,surface water and river of kathalal region like concentration of ions phosphate, chlorides, calcium, Magnesium, and Nitrate values , C.O.D,B.O.D. , total alkalinity, Temperature, pH, dissolved oxygen (DO) total dissolved solid (T.D.S).

✓ Detection of some physico-chemical analysis of ground ,surface water and river of kathalal region:

✓ To study the water Analysis at fixed time interval by 2 months.

✓ Compare the data between River water and ground, surface water Also this data provide drinking water quality.

✓ Awareness among the public.

✓ The different water samples have been analyzed by physically and chemically standard methods. Specification of drinking water, Bureaus of Indian standard and practical method of water Analysis studies also as prescribed by APHA (1998) was adopted for physic chemical analysis of water, metal concentration and organic compounds.

HYPOTHESIS:-

The physico-chemical analysis of ground, surface water and river of kathalal region were contaminated by sewage and industrial waste which affects the quality of life in the river as well as human beings also. It can also affect the agricultural production, which is hygiene for health of the population living in the valley.