Work Plan and Methodology:

1] At least three creek ecosystems will be selected for the studies which may be at a minimum distance of 20 km from each other.

2] Each of the selected creek ecosystems will be visited at a regular time interval of Every 15 days.

3] The study of the ecological parameters of the selected sites will be undertaken. During the research work, water temperature, atmospheric temperature, salinity, pH, dissolved Oxygen, conductivity, total dissolve solids will be measured fortnightly by adopting the standard methods given in APHA (1998) and in other references.

4] Basic Studies on ecological i.e. physical and biological characteristics of selected creeks habitats will be carried out mainly by observations done just by naked eyes as well as by using powerful binoculars.

5] Collection of the samples will be simply the collection by hands. Assistance of the local people will be asked for specimen collection as per the requirement and necessary records will be kept accordingly.

6] Population Density of the Species observed and collection of the samples will be done by using the quadrate method.

7] Similarly population parameters will be calculated by using different indices.

8] Identification of the collected specimens will be done by using appropriate Identification key available in the form of reference books, field guides as well as internet references. Identification will only be done on the external features of the collected specimens like shape, size and colour etc. Local regional names of the specimens will also be listed along with the common English names and the scientific names.