SUMMARY MINOR RESEARCH PROJECT
On
ECOLOGY AND ECONOMICS OF SOME
SELECTED WATER BODIES FROM
OMERGA TAHSIL

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OBJECTIVES OF THE PROJECT

1. Evaluate the physico-chemical parameters of the selected water bodies in Omerga Tahsil.
2. Identification of fish Fauna.
3. Analysis of Fish Economics.

WHETHER OBJECTIVES WERE ACHIEVED

The entire objectives have been achieved because

1. It evaluates the physico-chemical parameters of the selected water bodies in Omerga Tahsil.
2. It makes Identification of fish Fauna.
3. It analyses of Fish Economics.

ACHIEVEMENTS FROM THE PROJECT

The present work was undertaken to study the ecological and economics of the Benetura, Jakkapur, Kolsure and Turori tank to find out the ecological study of these Reservoir water analysis, identify the fishes and fish production of the tank.

To study of ecology and economics at reservoir is important in understanding some students, farmers and other peoples. To find out the good ecological status is linked to that of high ecological
status. To find out water play an important role in determination of the structure and composition of biotic community of this water bodies. To find out regular ecological studies should be done for efficient management of the reservoir. To fulfill its potential role in the world food supply. To find out better environmental management is needed in aquaculture as well as Best Management Practices (BMPs). To find out ecology of fish pond is essential for the achievement of steady and high fish production in ponds. To present study identifies the level of the knowledge and adoption behaviour.

Hence this study will be very significant in analysis of water sample, identifying the fish species and develop the economy of composite fish culture of these reservoir have contributed fish productivity and net profit was calculated. It will have great relation to drinking water, irrigation, agriculture and valuable food problem of human being.

SUMMARY OF THE FINDINGS:

The present work was under taken to study the ecological and economics of Benitura, Jakkapur, Kolsur and Turori tank and find out the ecological study of these Reservoir, water analysis, Identify the fishes and fish production of these four tank. The work including physical condition chemical condition and Biological condition of these reservoir along with fish production of the tank. The work carried out for 12 Months (one year) and water sampling were taken in the morning hours, water sample were analysed by the slandered methods. Fish production from village dams and ponds can be increased through scientific fish farming which will improve the socio-economic condition of rural population by providing then employment portunities. The study conclude that the fish production at four reservoir during June 2011 to May 2012 was found very low due to non-scientific fish culture. It is observed that the reservoir is very useful productive, productivity and number of Biological complexes is occur, finally it can be concluded that the reservoir has a self-sustained ecosystem and it is productive reservoir and economically very useful. Hence this study will be very significant in analysis of water sample, identifying the fish species and develop the economy of composite fish culture. It will have great relation of drinking water and valuable food problem of human being. The present study is attempted to ecology and Economics of some selected water bodies (Benitura, Jakkapur, Kolsure and Turori Reservoir), from Omerga Tahsil. Each reservoir is related the fish culture society to study the fish economy.
CONTRIBUTION TO THE SOCIETY:

The present work is consist of physical and chemical parameters as well as to study the prevalence for this purpose knowledge of chemistry, Geography and economics. Therefore help will be taken from chemistry, Geography and Economics department. Many researches of the world are fully engaged in collection of water analysis of water sample and Identification of fishes and fish culture practices, i.e. fish culture growth of fish production. The study will help to various fish culture societies and to develop the large amount of fish production and to make aware of fish production because the problem in development of reservoir fishery is directly related to food in man and direct effect to socio-economic condition of the fisherman and other people. Proper development of fisheries in them will be significant and most valuable addition at source of protein rich food for human consumption. Fishes are most important three value nutritional, Economical and Medicinal value. Fishes are sought as luxury food in expensive restaurants. Fish receive greatest place in the national dish in Portugal, Japan Norway and Sweden. Fish culture practices are directly related to other countries. Reservoirs have contributed fish productivity and net profit was calculated. It will have great relation to drinking water and valuable food problem of human being.