

## **CHAPTER – IV**

### **PROBLEMS OF KUNDAL COOPRATIVE LIFT IRRIGATION SOCIETY**

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#### INTRODUCTION:

Water is the most important gift of nature and has manifold uses to man presently we are concerned with water which is indispensable for agricultural. When the natural rainfall on the area cultivated, as regards both quantity and seasonal incidence of the fall is suitable for cultivation. Irrigation may not be required. It is said that if there is about 125 centimeters well distributed rainfall in a year the season's crops can grow on rain fall. But this condition does not exist in most parts of India and dependence on rain for cultivation would be a big gamble. Therefore, there is a need for irrigation which may be defined as the supply of water by artificial means for the cultivation of crops. Construction of Tanks and channeling the tank water to the field's construction of dams across rivers and bulging reservoirs construction of canals and sub canals to take the rivers water up to the cultivated lands are among the chief irrigation works.

Kundal is situated in the rural area of Maharashtra. To provide sufficient water to produce a good result in farming area the irrigation scheme has introduced by Krantiagrani Dr. G. D. Bapuso lad. Satheshwar cooperative irrigation society was established in 1968. Society has covered 145 acres area under irrigation facility. Remaining 1444 acres area has not covered under society's irrigation facility. Then after Basweshwar cooperative irrigation society established in 1986. Society has covered 2054 acres area under irrigation facility. Remaining 446 acres area has not covered under society's irrigation facility. Tupari, Dhayari, Ghogaon, Ganeshwadi society was established in June 1986. Society has covered 243.27 acres area under irrigation facility. Remaining 1256 acres area has not covered under society's irrigation facility.

Since from societies formation these projects have faced many problem in their functioning. Researcher tried to defect important problems of irrigation cooperative societies as follows.

**1) Increase in electricity prices:**

Electricity is the most important part of CLIS, but now a day's price of electricity is increasing day by day. So it is expensive for farmers and also it creates problems for irrigation society.

**2) Delay in the completion of scheme:**

The delay in the completion of society has also been responsible for poor returns and increase in the cost of society. It has been observed that the states have taken up a number of new projects spreading their resources high cost and low returns.

**3) Linkage of water:**

For supply of water to farms irrigation society use the water pumps and pipes but it is the old instruments, because of low capacity of pipes, there is possibility of crack of the pipes. So wastage of water is happened through these instruments.

**4) Increasing costs:**

The cost of providing irrigation has been increasing rapidly over the years.

**5) Lack of finance and organization:**

In spite of the fact that large financial resources have been allocated to the irrigation development programs. They provide inadequate finance to irrigation. Besides, there has been an inadequacy of organization. This inadequacy has manifested itself in different ways.

- 1) There is not enough data in respect of water nor of soil which is the medium of using water.
- 2) There is too much centralization of decision making which often has resulted in delay
- 3) There is no organized machinery to deal with problem relation to the acquisition of land resettlement by the construction of storage reservoirs.
- 4) There is lack of apex organization which draws plans for multiple uses such drinking and industrial uses etc.

**6) Low wage rate:**

Budget of irrigation society is low. So they could provide fare rate to the workers of society. So workers became negative about their works. They can't work properly. Low wage rate is the problem of irrigation society.

**7) Water reduction in summer:**

Farming is depending on rain water. There is well condition of rainy season, but in the area of Kundal there is no proper management of water, especially dam or any water storages systems so, in summer days the need of water is more than other days but because of no proper water system there is problem in summer days for providing water to farmers.

**8) Technical problems:**

An expert technical group after inspection of 3 irrigation projects identified the following deficiencies in the development of irrigation,

- 1) Lack of maintenance of canals in Good working order.
- 2) Delay or absence of water courses / Field channels.
- 3) Non introduction of rotation water supply system.
- 4) Non revision of crop pattern in the light of local conditions.
- 5) Inadequate conjunctive use of surface and ground water.
- 6) Lack of participation of farmers in application of water.

**9) Low funding for maintenance of machinery:**

Proper and regular functioning of CLIS requires timely maintenance of the machinery. Such recurring costs increase exponentially with respect to operating hours. This particularly affects farmer managed schemes since they lack financial support from the government or any external agency to meet the maintenance costs. If the amount is low and within their budget farmers manage it themselves however, if major replacement of workers is required. There is a financial crisis in case of government managing schemes, timeliness in availing the funds is a problem and maintenance work is thus delayed.

**10) Doubtful debts:**

There is no fix income of farmers. Some time they can't get proper income from their faring. So they can't get sufficient income. This situation impacts on LIS. There is no availability of money so they can't repay to cooperative society. So that cooperative irrigation society has doubtful debts.

**11) No use of computer:**

Computer knowledge is essential in this competitive world. In 21<sup>st</sup> century every organization became computerized. Paperless society is the dream of the world. But in this globalized world the LIS are still computer illiterate.

**12) Absence of skilled labor:**

In cooperative society there is no any training education for the labor to achieve skills in their work. But today it is necessary to every organization to have skilled labor for their work but in cooperative society unskilled labor is there so they can't achieve good work or quality.

**13) Lack of managerial skill:**

Today's competitive era every organization must have there necessary managerial skill. Success of any organization depends on its managerial work. Managerial skills have great impact on work of organization. There is lack of managerial skill in irrigation cooperative society. So they can't achieve success. It has negative impact on organization.

**CONCLUSION:**

In the today's globalised world, every organization work better, because of the competitive organization wants to achieve good results for sustaining their business and the growth of the organization. But cooperative societies still remain as it is they have negative approval about development. So, they can't achieve a satisfactory stage in the life of society. They have to face many problems e .g, Increase in electricity prices, Delay in the completion of scheme, Linkage of water, Increasing costs , Lack of finance and organization , Low wage rate , Water reduction in summer, Technical problems , Low funding for maintenance of machinery , Doubtful debts, Lack of managerial skill, Absence of skilled labor etc . Because of all these problems, cooperative irrigation society can't achieve a satisfactory factual stage in their organizational life.