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CHAPTER - II

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OBJECTIVES, METHODOLOGY, DATA

COLLECTION AND LIMITATIONS

OF THE STUDY

2.1 INTRODUCTION.

2.2 OBJECTIVES.

2.3 METHODOLOGY OF THE STUDY.

2.4 DATA COLLECTION OF THE STUDY.

2.5 SCOPE AND LIMITATIONS OF THE STUDY.

2.6 RESEARCH DESIGN OF THE STUDY

R E F E R E N C E S

C H A P T E R - II

OBJECTIVES, METHODOLOGY DATA COLLECTION AND LIMITATIONS OF THE STUDY

2.1 INTRODUCTION :

In the new strategy of increasing agricultural crop production, the importance of water as a important input has long been recognised. With this in view, massive investments were made in the creation of irrigation facilities through ground and surface water resources. However, infra structural development for creation of irrigation facilities were directed by both Central and State Government, with the momentum of cooperative movement in the country, cooperatives were also promoted in the field of providing irrigation water for the agricultural crops. But the initiatives in this direction came from the agricultural processing cooperatives and only in the state of Maharashtra. Thus a separate organisational structure was developed presumably as a aid to the government efforts. It would be worth mentioning that in Maharashtra according to Reserve Bank of India Bulletin there were more than 500 irrigation cooperatives in different district with members more than 50 thousand.

2.2 OBJECTIVES :

The specific objectives of the study are :

1. To trace the historical background in formation of such societies.

2. To identify structural aspects of the lift irrigation societies.
3. To analysis the performance of sample lift irrigation schemes.
4. To suggest ways and means to overcome weaknesses in the management of sample units covered under study, if any.

### 2.3 METHODOLOGY OF THE STUDY :

There are 46 lift irrigation schemes independently functioning in the area of operation of Bhogawati Sahakari Sakhar Karkhana Ltd. Shahunagar Parite. For the purpose of present study five lift irrigation schemes, located in the area of operation of The Bhogawati Sahakari Sakhar Karkhana Ltd. Shahunagar, Parite, have been selected on random sample basis. Convinience is the major criteria for the present selection of the sample lift irrigation schemes in order avoid.further problems in data collection.

These units are independently managed by the executive councils of respective lift irrigation schemes without interference of Bhogawati Sahakari Sakhar Karkhana Ltd. Shahunagar,=Parite. For the purpose of performance analysis a period of five year is considered suitable taking in to account availability of data.

### 2.4 DATA COLLECTION FOR THE STUDY :

Mainly secondary data is utilised for this purpose which has been obtained from the published sources which are mentioned below.

1. Annual Reports of the cooperative Lift Irrigation schemes covered under study.
2. Record from collectorate Kolhapur.
3. Journals and periodicals from the library.

Both type of data is subject to further analysis.

#### 2.5 SCOPE AND LIMITATIONS OF THE STUDY :

Considering the availability of data the study period is confined to just five year i.e. 1983-1987. This adjustment has facilitated the comparability of data of financial nature.

This study covers only selected five cooperative lift irrigation scheme of distant villages. The findings of the study may not be directly applicable to the other areas particularly when we consider the state of Maharashtra and vastness of the country for an indepth , it requires a coverage of a longer period of time.

As per record is not kept and made available for such purposes by cooperatives, in some cases requisite data could not be obtained which is a limiting factor of this study.

#### 2.6 RESEARCH DESIGN :

The study is completed in five chapters as detailed below.

CHAPTER : I : This chapter gives the general idea of irrigation and different types of irrigation at macro and micro level.

CHAPTER : II :

In this chapter major objectives, methodology, adopted, mode of data collection etc. have been discussed.

CHAPTER : III :

This chapter has been devoted for explaining lift irrigation schemes located in the area under study and role played by the Bhogawati Sahakari Sakhar Karkhana Ltd. Shahunagar, Parite. in this regard.

CHAPTER : IV :

secondary data utilised in this study have been analysed and interpreted in this chapter.

CHAPTER : V :

The observation, Conclusions and Suggestions made are presented in this chapter.