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**CHAPTER - IV**

**METHODOLOGY OF THE STUDY**

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## CHAPTER - 4

### METHODOLOGY OF THE STUDY

#### 1. INTRODUCTION :

After describing the set up of Bhogavati factory and village Parite, it will be appropriate to describe the methodology used for the present study. The present chapter focusses on their aspect.

The researcher selected topic entitled "Impact of Shree Bhogavati Co-operative Sugar Factory on Village Parite". The objective of the study is to have a survey regarding the socio-economic impact of Bhogavati Co-operative Sugar Factory on <sup>the</sup> area of operation and village Parite.

#### 2. THE SCOPE OF RESEARCH :

The scope of research study is confined to only one village Parite, which is in the area of operation of the sugar factory namely, "Shree Bhogavati Co-operative Sugar Factory Ltd., Parite Shahunagar". The present research study is based on the information and materials collected with the help of interview schedule from the sample general observations.

#### 3. IMPORTANCE OF RESEARCH STUDY :

The sugar factory is an important agro based industry in rural India. The sugar industry is the largest among the processing industries, next to cotton textiles. There were 323 established factories, out of which 340 worked during the season 1980-81, measured in terms of aggregate assets. About 25

million cultivators including their dependence are today engaged in growing sugarcane to whom industry has paid about Rs.1200 crores for cane supplied to it during 1980-81. Now a days rural area is developing due to sugar factories. Landless laboures are getting job in the sugar factory. Sugarcane cultivators are getting more profits from sugar factories. Agricultural occupation and the area is developing due to the sugar factory. Maharashtra is having a prominent place as far as sugar production and number of co-operative sugar factories are concerned. In Maharashtra out of 79 factories, 68 are in co-operative field. Co-operative sugar factories play a vital role in the development of economic, education and social aspects of their region. On this background the Sugar Factory is selected for the present study and the topic is "Impact of Shree Bhogavati Co-operative Sugar Factory on Parite Village".

#### 4. OBJECTIVES OF STUDY :

The objectives of the research study are confined with the subject of "Impact of Shree Bhogavati Sugar Factory on Parite Village". In this task the researcher tried to cover the significant and relevant aspects.

- 1) To obtain first hand information regarding management, and the Sugar Factory.
- 2) To study the historical background for the establishment and development of Shree Bhogavati Co-operative Sugar Factory.
- 3) To observe the impact of Sugar Factory on the shareholders and non-shareholders in village Parite particularly.
- 4) To examine the changes which have occured in village Parite before and after the establishment of Factory.

## 5. SAMPLING : SELECTION OF THE SHAREHOLDERS AND NON SHAREHOLDERS

There were 271 shareholders in village Parite. The researcher decided to take 20% of the sample. While selecting the shareholders the technique of interval sampling was adopted. The list of the shareholders at Parite was obtained from the factory authorities. This list was used as a sampling frame. Thus out of 271 shareholders at Parite, 54 were selected under the present study.

The selection of the non-shareholders was made by purposive sampling. The basic assumption behind purposive sampling is that "with the exercise of good judgement and appropriate strategy one can handpick the cases to be included in the sample and thus develop samples that are satisfactory in relation to one's research needs. A common strategy of purposive sampling is to pick<sup>up</sup> cases that are judged to be typical of the population in which one is interested"<sup>1</sup>. On this background, 10 non shareholders from different occupational background were selected under the study.

## 6. INTERVIEWING :

With the co-operation of the management of Sugar Factory and Sarpanch of village Parite, the field work was conducted in the month of June and July 1988. The interview schedule was prepared in Marathi, the copy of which is given in the appendix. The shareholders and non shareholders were interviewed at the site personally by the researcher and the responses were recorded. The code book was prepared and data is analyzed.

At the site every attempt was made to record responses at the place where the farmers were not doing any work. This situation helped in getting good result as the farmers were able to respond freely and frankly without any hesitation and pressure.

#### 7. DATA FROM OTHER SOURCES :

After collecting the information from the shareholders and non shareholders, the researcher discussed with some of the officials of Co-operative Sugar Factory, Sarpanch of village Parite, and some respectable persons in the village in order to verify the information already collected from the farmers. The researcher also requested to 'Talathi' and Government officials of the village Parite for the data relating to the topic under study. The researcher also collected whatever printed materials relating to topic under study available in the Bhogavati Co-operative Sugar Factory.

#### 8. SHAREHOLDERS AND NON SHAREHOLDERS ATTITUDE

##### TOWARDS RESEARCHER :

At the site, one farmer looked at the researcher as Government Officer. One of the farmer considered researcher as a member of Family Planning Unit and asked what information was needed as he was already operated.

The above comments of farmers show how farmers looked at the researcher at the first site but when the researcher made clear nature and objectives of the study, they were kind to respond and furnish the full information boldly.

## 9. ANALYSIS OF DATA :

The researcher prepared code book. All the coded data of the information of 54 samples was transferred on the master sheet. Finally with the help of master sheet the coded data were analysed by preparing various tables on different aspects. The number of total respondents converted into the percentages. An attempt has been made to present the collected data in separate chapters.

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| Chapter - 5 | Bhogavati Factory : Impact on the area of operation.          |
| Chapter - 6 | Bhogavati Factory : Political Dimension.                      |
| Chapter - 7 | Bhogavati Factory : Impact on the shareholders at Parite.     |
| Chapter 8   | Bhogavati Factory : Impact on the non-shareholders at Parite. |
| Chapter - 9 | Conclusion.   |