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## CHAPTER - 4

### METHODOLOGY OF THE STUDY

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#### 1. INTRODUCTION :

The subject of industrial sociology has created interest in the researcher mind. Ichalkaranji itself is an industrial centre and there are various fields which can be studied from the point view of Sociology. Again the researcher is serving in the local college and it is helpful to study the industrial atmosphere at Ichalkaranji. The city has three Industrial Estates out of which, The Ichalkaranji Industrial Co-operative Estate Ltd. Ichalkaranji is old and largest one. So it was decided to undertake the present study.

#### 2. OBJECTIVES OF THE STUDY :

The general objective of the present research work is to study The Ichalkaranji Industrial Co-operative Estate Ltd. Ichalkaranji from sociological point of view. The specific objectives of the present study are as follows.

1. To study the historical background of The Ichalkaranji Industrial Co-operative Estate Ltd., Ichalkaranji.
2. To trace the development of The Ichalkaranji Industrial Co-operative Estate Ltd., Ichalkaranji.
3. To observe working and present position of the units in The Ichalkaranji Industrial Co-operative Estate Ltd., Ichalkaranji.
4. To analyse the problems faced by the factory owners in The Ichalkaranji Industrial Co-operative Estate Ltd. Ichalkaranji.

### 3. SCOPE OF THE STUDY :

The study covers that the industrial units in The Ichalkaranji Industrial Co-operative Estate Ltd. Ichalkaranji. The information regarding the number of units, types and other details were obtained from the office of the estate.

### 4. SELECTION OF SAMPLE UNITS :

After collection of the information regarding the number of units in the Industrial Estate it was decided to select sample of these units from the Industrial Estate. The detail list supplied by the estate authorities indicated that there were 393 actual plot holders who were having their industrial units. It was decided to take 20% of the units as a sample, thus 78 units were to be covered. But due to closer of some units and the non-co-operation from some of the units the researcher was able to collect the data from 70 units.

While selecting the units the technique of systematic sampling was adopted. The detailed list supplied by the authorities of the estate was used as a sampling frame. The list was numbered serially from 1 to 393. From these 1st, 6th, 11th and 16th onward units were selected for the study.

### 5. INTERVIEW SCHEDULE : TOOL FOR PRIMARY DATA COLLECTION :

The interview schedule was prepared as a tool through which the data for the present study were collected. The interview schedule was prepared keeping in view the objectives of the study and the relevant data regarding the units were collected from the owners/managers of different units. All the owners/managers were personally interviewed by the researcher and the information was obtained.

Since all the unit owners/managers were knowing Marathi, the interview schedule was prepared in Marathi and an English version of the same has been given to the appendix.

#### 6. DATA COLLECTION :

The data collection work was started on 10th Dec. 1987 and it was completed on 5th May 1988. The data collection work took longer time than what the researcher had expected. The researcher has to pay repeated visits to the units. The nature and the purpose of the research work was clarified to the unit owner/manager. There were 25 to 30 units where the researcher got the information immediately. But in the remaining units the researcher had to visit 3 to 4 times. Due to this the data collection period took more time than what the researcher had expected. Generally it required more than half an hour to collect the detailed information for the question in the interview schedule. Majority of the interviews were conducted at the unit itself whereas some of the interviews were conducted at the homes of the unit owners/managers.

#### 7. DATA FROM SECONDARY SOURCE :

The annual reports from the estate office were obtained and discussion was done on the points wherever the researcher had some doubts. The estate manager Mr. Salati B.N. provided estate maps, annual reports and detail information regarding the estate.

The photograph while collecting the information by the researcher from Mr. Salati B.N. Manager of the Industrial Estate in the estates office is presented on page 45.



— COLLECTION OF INFORMATION BY THE RESEARCHER FROM  
Mr. SALATI B.N. MANAGER OF THE ESTATE. —

8. ATTITUDE TOWARDS RESEARCHER :

- 1) Many unit owners tried to avoid to give information as they thought that the researcher may be official from the government.
- 2) Some of the unit owners were not willing to give the details as they were not interested in giving the information.
- 3) Many of the unit owners particularly in the powerloom sector have appealed to the researcher to supply the information regarding the economic crises in their units to the government of Maharashtra.

9. PRESENTATION OF DATA :

The data were manually classified and tables were presented. The data on Industrial Estate are presented in separate chapters of -

- 1) Development of The Ichalkaranji Industrial Co-operative Estate, and
- 2) Units in Industrial Estate : An Enquiry into different aspects.