

## Socio-Economic Impact of Sugar Industry in the North-Eastern Part of Kolhapur District

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### Abstract

In this paper an attempt has been made to analyze the socio-economic impact of sugar industry in the north-eastern part of Kolhapur district. In this area included two tahsils. The tahsil of the Shirol and Hatkanangale are important due to development in agriculture, cooperative movement & industrial activity for western Maharashtra. It is based on secondary data collection. The network of cooperative organization spread all over the respective region. The tahsil is also well known as sugarcane belt due to Datta, Gurudatta Panchganga, Jawahar and Sharad sugarcane industry. All of the sugar factories have been playing pivotal role.

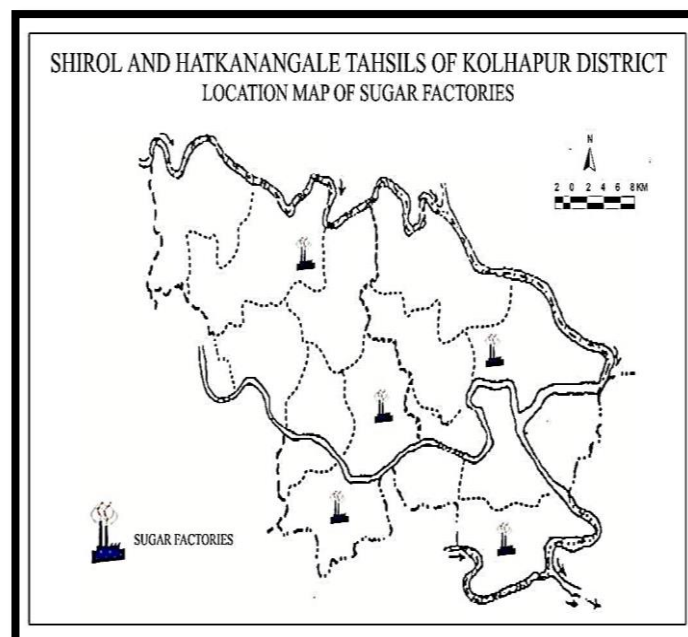
**Keywords:** Socio-economic, Co-operative, Sugar factories.

### Introduction:

Sugarcane has brought many positive changes in economy of study region. The sugar industry in study region plays a vital role towards development in the rural areas by mobilizing rural resources and generating higher income and employment opportunities. This sugar industry can provide numbers of growth centers in rural regions. This sugarcane farming has brought about several socio-economic activities in the study region. Sugarcane is more significant in cropping pattern. It influences commercialization and mechanization of agriculture.

### Study area:

The Study region is bounded in the north by district Sangli, and west by Panhala and Karveer tahsils, in the south by the Karnataka state. The study region is situated between 160 30' to 160 55' North latitudes and 740 27' and 740 42' East longitudes, with a height of 522 to 600 mt. from MSL. Administratively, study region is divided into 14 circles. There are 112 villages and 7 municipalities. According to 2011 census the total population of study region is 11, 98,766.



**Methodology:**

Secondary sources of data collected, processed and represented through the tables, graphs and maps. Secondary data is collected from various sources and used for present study. Data have been collected from socio-economic abstract of Kolhapur district.

**Objectives**

In the light of the above discussion the specific objectives of the present study are:

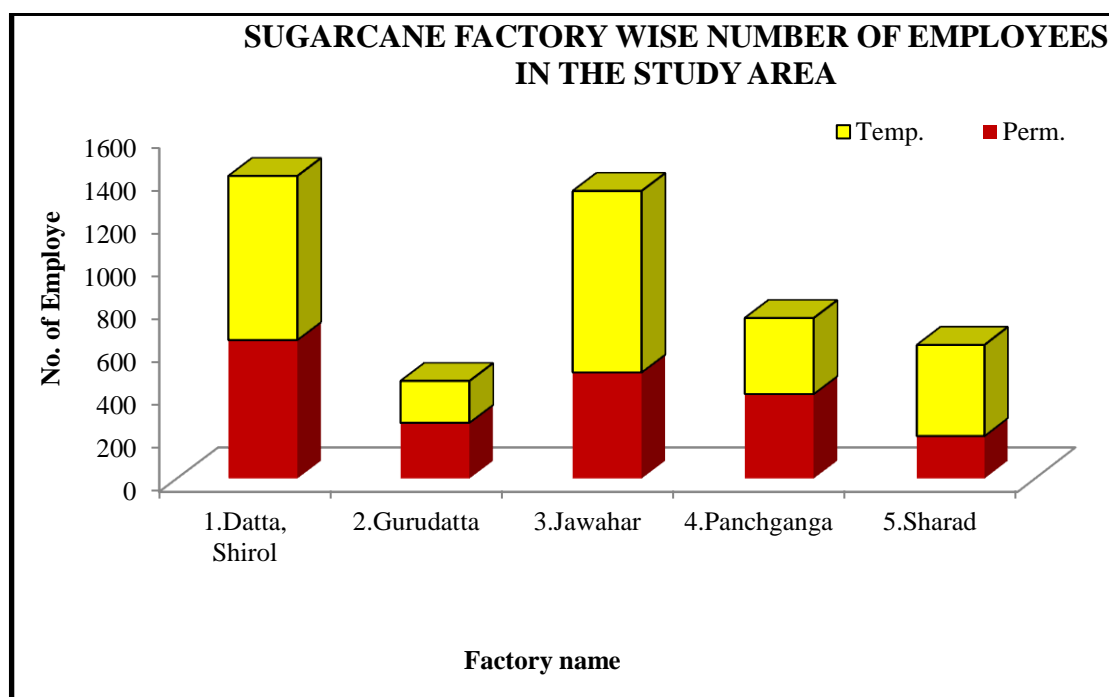
1. To study the Physical and Socio-Economic factors of the study region.

2. To assess agricultural practices and role of sugar factories.

**Economic Impact of Sugar Industry in the Study Region:**

Along with the increasing sugarcane yield in the study region, the sugarcane factories affecting social, economic and political scenario have been increased. Out of the total five sugar factories in the study region, four factories are based on cooperative basis. There are three factories are situated at the western part whereas two are established at the eastern part of the study region.

| Tahsil        | Name of sugar factory | Co-op./Private | Number of Employees |       | Crushing Capacity In met. tones | Crushing In met. tones | Sugar Prod. In met. tones | By-products           |                     |              |                      |
|---------------|-----------------------|----------------|---------------------|-------|---------------------------------|------------------------|---------------------------|-----------------------|---------------------|--------------|----------------------|
|               |                       |                | Perm.               | Temp. |                                 |                        |                           | Ethanol in met. Tones | Paper in met. Tones | In 000'litr. | Elect. In metr. watt |
| Shiroli       | 1.Datta, Shirol       | Co-op.         | 647                 | 763   | 7000                            | 1196219                | 1512380                   | 328155                | 0                   | 6474         | 36                   |
|               | 2.Gurudatta           | Private        | 261                 | 195   | 4200                            | 570709                 | 763880                    | 0                     | 0                   | 971          | 0                    |
| Hatkana ngale | 3.Jawahar             | Co-op.         | 496                 | 844   | 12000                           | 1345005                | 1664550                   | 0                     | 0                   | 0            | 27                   |
|               | 4.Panchganga          | Co-op.         | 395                 | 354   | 5000                            | 622790                 | 770170                    | 0                     | 0                   | 0            | 30                   |
|               | 5.Sharad              | Co-op.         | 199                 | 425   | 2500                            | 558013                 | 715860                    | 0                     | 0                   | 0            | 2                    |
| TOTAL         |                       | 5              | 1998                | 2581  | 30700                           | 4292736                | 5426840                   | 328155                | 0                   | 7445         | 95                   |
|               |                       |                | 4579                |       |                                 |                        |                           |                       |                     |              |                      |



All of the sugar factories have been playing pivotal role in generated employment, education, Agriculture, electricity and consumer store as well as enrichment of human life in their respective area. So far, employment generated by these factories is 1998 on permanent basis and 2581 employee working on the temporary basis. Whereas, 328155 mt. tonnes ethanol, 7445000-liter alcohol, and 95

mt. watt electricity have been generated by the sugarcane factories under the study area. Due to the sugar industry in the study area, a lot of socio-economic facilities have been made available. Mainly, sugar production along with clinics, nurseries, consumer stores, schools-colleges, industrial training centers, temples and **hotels** etc. These facilities are available to the employees and

members of the sugar factory as well as the farmers at a low cost.

**Findings**

The tahsil is also well known as sugarcane belt due to Datta, Gurudatta Panchganga, Jawahar and Sharad sugarcane industry. All of the sugar factories have been playing pivotal role in generated employment, education, Agriculture, electricity and consumer store as well as enrichment of human life in their respective area. There are some active sugarcane factories like Datta and Sharad mills various socio-economic activities for improving the economic conditions and standard of living of the villagers in the area e.g. Hospitals, Industrial Training Center (ITC), and Consumer stores, Zunaka Bhakar Kendra, Agriculture College etc.

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