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SOCIO-ECONOMIC DEVELOPMENT SCHEMES.

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CHAPTER - 5

SOCIO-ECONOMIC DEVELOPMENT SCHEMES

In this chapter an attempt is made to review the progress of socio-economic development schemes carried out by the Mahankali Co-operative sugar factory, Kavathe Mahankal. There are various schemes such as -

1. Sugarcane Development Scheme.
2. Mahankali Vahtuk Yojana
3. Factory's Sponsored Lift Irrigation Schemes.
4. Consumer's Co-operative Society (Mahankali Bazar)
5. Workers Credit Co-op Society
6. Primary School
7. Plantation
8. Civil Works
9. Conclusion

The factory has started these schemes in view to provide basic infrastructural facilities in the rural area. With the help of all these schemes the people in this area are enjoying the facilities to upgrade

the social and economic status. This leads to the overall development of the rural area.

The detail progress of all above schemes are examined as below

5.1 SUGARCANE DEVELOPMENT SCHEMES

The factory has independent agricultural development department. The main object of this department is to assist and give proper guidance for improving the sugarcane production in the jurisdiction of factory. The location of the factory is situated in the scarcity zone area. Hence due to shortage of water the sugarcane production within jurisdiction was very low. With the help of central and state sugarcane development funds the factory has established various schemes in the jurisdiction, such as supply of seeds, fertilisers, land development, drip irrigation, guidance of sugarcane cultivation by taking experiment plots etc.

5.1.1 SUPPLY OF SEEDS

The Mahankali Co-operative Sugar factory has supplied improved various of seeds to the farmers within jurisdiction area. The details are give in table no. 5.1

TABLE NO. 5.1**Supply of Improved Varieties of Seeds**

Year	Sugarcane variety supplied	Agencies	Area of sugarcane under cultivation (Acre)
1985-86	Ko-7704 KO-C 671	Maharashtra State agri board Sakhawadi & Shripur & Karnataka state	70
1991-92	KO-671, 7219, 740, KO-7527, 8014,7714.	Central sugarcane research institutePudegaon, Kolhapur, Shirol, Kupwad, Kasbe Digraj.	720
1995-96	KO-C-671, KO-7714,8011 KO-8014,740	Central sugarcane research institutePudegaon, Kolhapur, Shirol, Kupwad, Kasbe Digraj.	1518
1999-2000	KO-86032,7714 KO740, KO-C-671	Central sugarcane research institutePudegaon, Kolhapur, Shirol, Kupwad, Kasbe Digraj.	123

Source : Compiled from Annual Reports of the factory

It is seen from above table that the factory has supplied improved varieties of seeds to the farmers so as to increase the area under sugarcane cultivation in its jurisdiction. Also factory develops demonstration plot improved varieties of sugarcane seeds for every year on the fields of members, non-members of factory within jurisdiction. Varieties such as KO 77704, KOC 671 and other are being supplied to the farmers

5.1.2 SUPPLY OF FERTILISERS

To increase the sugarcane yield per hectre and to increase the average recovery percentage of sugarcane, the Mahankali co-operative sugar factory Kavathe-Mahankal has supplied the chemical fertilisers, micro-fertilisers, compost fertilisers etc, to the members and non members of the factory. The details of fertilisers supplied by the factory are given below.

TABLE NO. 5.2
SUPPLIED FERTILISERS

Year	Fertilisers supplied sugarcane fields (in Ha)	Amount of fertilisers supplied (in Rs.)	Remarks
1985-86	13.60	Rs. 24887	-
1991-92	843.00	Rs. 1665315	Supplied on 50% Subsidy basis
1995-96	585.85	Rs. 2629099	-
1999-00	344.49	Rs. 1859443	-

Source : Compiled from Annual Reports of the factory

From Table No. 5.2 it is stated that the factory has been adequate attention to supply the fertilisers so as increase the sugarcane yield of improved virtily is juridition. During 1985-86 fertilizer worth of Rs. 24887 has provided which increased to 26.299 lakh in 1995-96 & Rs. 18.59 lakh in 1999-2000.

5.1.3 LAND DEVELOPMENT

The sugar factory has assisted the farmers in its juridition area to improve land for sugarcane cultivation by providing agricultural equipment's such as Bulldozers and Krshivectors etc, on hire basis.

Also, to cultivate the land for sugarcane yields the factory has supplied roters and ledgers on 25% sibsidy basis for the members of the factory.

5.1.4 DRIP IRRIGATION SCHEMES :

To increase the sugarcane area under cultivation and also to the increase to sugarcane yield per hectre within the juridition of the factory, the Mahankali factory has encouraged the members and non members for using drip irrigation for optimum use of water by provider sets on their farms. For this purpose the factory has given

subsidy for the members who are using drip irrigation sets for sugarcane yields.

The details of subsidy given as below :-

TABLE NO. 5.3

Area under drip irrigation (in Ha.)

Year	Area under drip irrigation (in Ha)	Remark
1991-92	8.87	Subsidy of Rs. 3250 per ha. is given for maintenance of sets
1995-96	N.A.	Subsidy of Rs. 5000 per Ha. is given maintenance.
1999-00	5.10	Subsidy of Rs. 5000 per Ha. is given maintenance.

Source : Compiled from Annual Reports of the factory.

At present the Mahankali Sugar Factory Kavathe Mahankal has announced the subsidy of Rs. 10,000 per hector to the members for increasing the yield and area of Sugarcane by optimum use of water considering the scarcity of water. As a result area under drip irrigation has increased from 8.87 hectares in 1991-92 to 5.10 hectares 1999-2000.

5.1.5 SEMINARS ON SUGARCANE CULTIVATIONS

The Mahankali Co-operative Sugar Factory has arranged successfully five seminars in the jurisdiction of factory for giving guidance on sugar cane cultivation in year 1999-2000. The experts from agricultural universities and other research institutes expressed their views and given guidance the farmers.

5.2 MAHANKALI VAHATUK YOJANA

The Mahankali Vahtuk Yojana is established in view of the factory objectives -

- 1] To supply fresh sugarcane within time for the factory from the sugarcane fields.
- 2] To provide employment for the labours and bulluck carts of the members in the jurisdiction.
- 3] To solve the financial problems of the Vahtuk contractors and sugarcane harvestors, to supply the sugarcane to the factory regularly.

With the help of Mahankali Vahtuk Yojanes proper management the harvesting and supply of sugarcane is done regularly, continuously. The functioning of this yojna is in good progress.

5.3 FACTORY SPONSORED LIFT IRRIGATION SCHEMES

The Mahankali Co-operative sugar factory lies in scarcity zone. The water for irrigation is done of the major problem in increasing the sugarcane area and production in this area. To ensure the adequate supply of water for irrigation the factory has established two co-operative lift irrigation schemes. These schemes are namely - 1) Nanasaheb Sagare Co-operative water supply scheme, Kadamwadi and 2) Birdeo, Irali moghumwadi co-operative water supply scheme ltd. Irali.

i) Nanasaheb Sagare Co-operative water supply scheme ltd. Kadambwadi :-

This scheme is established in year 1995-96. The total approved command area of this scheme is of 50 Acres from the irrigation department. The water for irrigation is lifted from the government tank nearby. The Mahankali Sugar Factory has invested Rs. 5.00 lakhs in this scheme. The scheme is working in good progress due to which supply of sugarcane for this area is ensured for the factory.

ii) Birdev, Irali, Moghamwadi co-operative water supply scheme

ltd. Irali :-

This scheme also established in year 1995-96. The total approved command area by the irrigation department to this scheme is of 250 Acres. The Mahankali Sugar factory has invested Rs. 16.47 lakhs for this scheme in 1995-96. This scheme is also in good progress. Due to this scheme the 250 acres brought under and ensured sugarcane for the sugar factory.

5.4 CONSUMER CO-OPERATIVE SOCIETY (MAHANKALI BAZAR)

The Mahankali Central Co-operative consumer store ltd. Rajarambapunnagar is established in the year 1992. The main purpose of this consumer store is to provide essential consumer goods to the members. A nonmembers, factory workers, staff officers and to other people in this area at reasonable prices. The factory has invested Rs. 12 lakhs. This scheme an amount of Rs. 12 lakhs in year 1992. This society has made good progress.

All essential goods are at one place with low prices is the specialty of Mahankali Bazar. This helps the peoples of other Taluka

such Kavathe Mahankal to a great extent. Now the credit card facility is made available for the workers of the Mahankali Co-operative Sugar factory.

5.5 WORKERS CREDIT CO-OPERATIVE SOCIETY

The workers credit co-operative society was established in the factory campus with an object to provide financial assistance to the worker of the factory and to increase the independence, co-assistance and saving habits in the workers. The workers co-operative society was established in 1991 at the factory site. The working of this society is in good progress.

5.6 PRIMARY SCHOOLS

The Mahankali Co-operative Sugar Factory, Kavathe Mahankal has opened nursery school and primary school in the factory campus. To provide educational facility to the children's of the workers and officers living in colony area of factory campus the primary school and nursery schools are established. In this way the factory has taken care of the children's of the workers.

5.7 PLANTATION

The Mahankali Co-operative Sugar, Kavathe Mahankal has given proper attention on plantation at work site of factory and in jurisdiction to help the policy of government on plantation for balancing environment. The factory has planted the trees every year at the worksite and enhanced the farmers in the jurisdiction by supplying the young plants of trees with nominal cost. The plantation details of plantation of the factory are given in Table.

TABLE NO. 5.4

Plantation of Trees by the Factory (Nos.)

Year	Total No. Trees Planted	Type of trees planted on work site
1985-86	1490	Fruit trees & flower trees
1991-92	465	Fruit trees such as coconut, mango and show trees
1995-96	1686	Fruit trees such as coconut, mango and show trees
1999-00	200	Fruit trees such as coconut, mango and show trees

Source : Compiled from Annual Reports on the factory.

It is seen from above table no. 5.3 that enough attention has been given by the factory on plantation at work site. The trees are in well developed stage now. To increase the plantation in the jurisdiction of the factory, the Mahankali Co-operative sugar factory has supplied the young plants to farmers with nominal cost from the nursery of factory.

TABLE 5.5

Supply of Young Plants to the Members

Year	No. of Plants supplied	Cost per plant (Rs)	Plant Type Supplied
1990-91	9000	0.50	Teak, Nilgiri Suru, etc.
1990-91	5000	10.00	Banwadi verity coconut
1991-92	1500	1.50	Teak, Nilgiri
1991-92	3600	10.00	Banwadi verity coconut
1993-94	N.A.	10.00	Banwadi verity coconut
1994-95	N.A.	-	Mango, Coconut
1995-96	N.A.	-	Mango, Coconut
1999-2000	500	-	Coconut

Source : Compiled from Annual Report on the factory

With the help of plantation the factory has taken efforts to bring the equilibrium of environment of their various plants, Teak, Nilgiri, Suru are major plants provided by the factory.

5.8 CIVIL WORKS

The Mahankali Co-operative Sugar Factory has done various civil works at the factory site and also in the jurisdiction of the factory. These are as follows. Residential quarters colony roads with asphalt, sanitary facilities, cement, gutters, tree guards, school building, godowns, garden samadi of late Nanaso Sagare, Krida Sankul etc. Moreover, the following are the civil works carried out by the factory in the jurisdiction.

Well contribution at Borgaon for supply of water, construction of various bore wells in the near by jurisdiction, for supply of water to the factory. Renovation of Dandoba Temple, Building of Mahankali Bazar, Diesel Pump, Well construction at Landgewadi for supply of water, R.C.C. section office building at Kuchi, Hingangaon for public relation purpose. Approach road construction from Nangole to Kavathe Manhakal, Jat, Including cross drainage works on it. Road

construction from village Raiwadi to M.T. Tank at Raiwadi section office building at Alkud (s) and Kokale.

It is seen that various Civil works are carried out by the sugar factory is its jurisdiction due to which much problems have been solved of the factory and also to improve the socio-economic condition of people.

Thus it could be concluded that Mahankalli co-operative sugar factory kavathe mahankal has carried out various rural development schemes in its's the jurisdiction areas. All these various schemes have made significant impact on the rural area to improve socio- economic condition of the people.

5.9 CONCLUSION

The Mahankali Sugar factory K.M. has implemented various schemes within jurisdiction. The socio economic condition of the farmers and people within jurisdiction has been improved. The schemes such as supply of seeds, supply of furniture's, land development, subsidy on drip irrigation sets and lift irrigaion schemes etc comes under sugarcane development schemes. Due to these schemes the

sugarcane yield within jurisdiction have been increased and hence the dependability for sugarcane on other state has been declared.

The factory has established credit co-operative society which provide financial assistance to the workers and mobilise saving from its members - the Mahankali Bazar is also established to provide consumer goods at reasonable price. The factory has also opened primary school in factory campus to provide educational facility to the children's of factory workers.

Various civil works are done by the factory in its campus and within jurisdiction such as roads, buildings, schools, section buildings, borewells, etc. due to these infrastructure facilities, the socio economic condition of the farmers in the jurisdiction area has increased.