

## **“IMPACT OF IRRIGATION PROJECT ON CROPPING PATTERN”**

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### ***ABSTRACT***

*The most important input required for agricultural development is irrigation as it facilitates multiple cropping and increase crop productivity. In fact the irrigation projects have made security of life, they have increased the yield and the value of land and the revenue derived from it. Therefore, irrigation projects are quite essential for the agricultural development of region. The Jangmhatti Irrigation Project is located in Chandgad taluka of Kolhapur District. This project was started on Jan 1981. At present command area of the project is 4457 hectares. Moreover 14 villages have been covered under this project. The project was completed and implemented in June 1995. The main objectives of the study are -to examine the role of irrigation on cropping pattern and land utilization in agriculture as well as to study the impact of Jangamhatti irrigation project on socio - economic status of the farmer in the Chandgad taluka. This study was mainly depends on primary data. Out of total farmers of the village, hundred farmers have been selected and other relevant variables were collected through field work for the year 2018-19. For this purpose scheduled method was used. Moreover, appropriate quantitative techniques were used to assess the impact of irrigation on agricultural production. It was concluded that expansion of irrigation brings about crop diversification in agriculture and there by stimulates growth prospects of agriculture. Jangamhatti irrigation project has brought up a total change in the socio - economic life of Chandgad taluka through crop diversification.*

***KEYWORDS:*** *Agriculture, Cropping Pattern, Irrigation, Socio – Economic*