



IMPACTS OF INDUSTRIAL DEVELOPMENT ON SATARA TEHSIL

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ABSTRACT:

There is impact of industrial development on the Satara tehsil mostly in economic some positive and negative impact on the study region. In economic impact it increased the living cost but it gives economic security to the local people. It also increases facilities and standard of living. Here educational facility, health facility and road network improved. But workers think that insecurity also increased. Because of the pressure in the industry, sound, mostly smoke number of diseases has been increased. Therefore here to decrease impact on health here need to practice regular meditation and yoga in company. The rate of land and rent should be controlled by government.

INTRODUCTION:

In Satara tehsil 2 big MIDC area and 2 small industrial estates are located, as well as the several small and medium scale industries located in number of villages in Satara tehsil. This development of industrial sector has made remarkable impact on the villages and city in Satara tehsil. Hence these impacts are tool for measuring the level of development. Therefore here attempt has been made to assess the impact of industrial development on the study region as well as the local people of that region.

Industrial development is a cause of social cultural and economical change and this is brings the economical and socio-cultural benefit to the society in terms of larger employment opportunity, economical development, income growth, improve quality of life, development of backward area, increase business opportunities and increase consumption

level etc. so all these \benefits are achieved because of industrial development.

Manufacturing industry is the major sector to increase the economical status of and growth throughout the world. It has created jobs to the service sectors. So the manufacturing industry is an important sector for economic development. When we consider the industrial impacts that time we think about environmental impacts but other sense it is realize that because of industrial development having economical, socio-cultural environmental and agricultural impacts associated with the positive and negative impacts.

The various impacts of industrial development on study area can be grouped into 3 categories.

1. Economic impact.
2. Socio-cultural impact.
3. Agricultural and environmental impact.

In this each category includes positive and negative impacts.

This economic impacts include component related to improvement in living standard, increased income, land rate has been increased, skill developed, economic security, employment opportunity increased, business opportunity increased, financial assistance became easy and number of shopping centres increased.

The socio-cultural impacts include components like Roads network developed. Bus facilities improved, Education institutes increased, Quality of education change, Number of health centre increase, Quality of health facilities improve, Number of recreational facilities increased, Communication facilities have been improved, Consumption level increased, Literacy rate increased, Growth of population, Crime rate increased, Insecurity increased, Immigration increased, Social contact increased.

The environmental impacts include components like increase in diseases regarding hearing, increases problem like allergy, heart trouble increase, stress level increase, sound level increased, getting polluted water.

DATABASE & METHODOLOGY:

To analysis of impact here attitudinal survey has been used. In this survey to the workers are asked to indicate there attitude and feeling towards the impact of industrial development with set of question or

statements. This kind of survey can give in necessary information about the types of impacts but it must be remembered that what is being recorded is the workers or respondents' perception of those impacts and these may and may not be accord with reality. (P. Talekar)

These impacts study is a based on empirically, impacts of the industrial development examine on the half of workers in the study area. It's an investigation of workers perception of impacts of industrial development rather a measure of actual impacts.

For the analysis of industrial impacts consider attitude of workers in the in the selected study region. A set of questions was considered into listed for the measurement of Economic, Socio-cultural and physical impacts etc. as per the considered group of impacts, for the assessment of Economic impact considered 9 questions, for the socio-cultural impacts consisted 15 questions and the physical impacts included 6 questions of industrial development impacts. This is the workers opinion of how impacts are done because of industrial development. Hence all this questions are help to understand the economic, socio-cultural and physical impacts of industrial development on the study region and there people. For the analysis of impacts calculated from total 1820 questionnaires and the workers was rated to each question on 6 points 'Likaret scale' ranging from -3 to +3 for the result of industrial development impact.

'Likert scale' is a technique for the measurement of attitude a scale giving values for individual reactive attitude. The test is required to choose from possible answer per item and thus to show his degree of agreement or disagreement with the attitude represented. This method is developed by Rensis Likert who is psychologist. (P.Talekar)

In this analysis use 6 choices for every attitude statements. These six points scale could be represented ranging from -3, -2, -1, +1, +2, and +3, it shows the strongly disagree, moderately disagree, disagree, agree, moderately agree and strongly agree.

So this method is simple for calculating the impacts, in this method of Likert scale that workers asked to indicate his or her opinion to giving a scale of that statement. The workers approach is represented by his or her scores across all the statements in the scale.

ECONOMIC IMPACT OF DEVELOPMENT OF INDUSTRY ON THE SATARA TEHSIL:

Industrial development made a major effect on the economies of that region as well as country economies. Manufacturing industry is an important aspect to source of income and capital of that regions local people.

Because of establishment of manufacturing industry in the region there is increase and established of other sectors related to the manufactory products. It brings new business opportunities, services and other income sources as well as capitals. So it encourages the economic benefits of that region.

Industrial developments positive economic impacts are emphasis on the motivating of economic development of that region. Industrial developments can create employment opportunity, business opportunity, increase service sectors opportunity, it is helps to generate job and business to local population and as a result increase revenue to the government and therefore increase standard of living and support to the government and local people. Hence it is the main approach towards the economic impacts of industrial development.

Here components has been chosen to find out whether region having impact of industries or not. It shows positive as well as negative components. For this analysis about 8 components has been chosen. These are related to cost increased do to industrial development this is actually negative aspect but other positive aspect has been considered as skill, economic security, employment, finance, shopping and life standard.

INDICATERS OF ECONOMIC IMPACT

1. Land rent cost increase.
2. Skilled developed.
3. Economic security.
4. Employment opportunities increased.
5. Business opportunities increased.
6. Financial assistance became easy.
7. Number of shopping centers increased.
8. Standard of life improved.

WORKERS RESPONSE TO ECONOMIC IMPACT:-

For the assessment of economic impact of industrial development in that workers response were collected in different types of industries in the

Satara tehsil. Industrial economics impact is calculated through mean deviation and that is given in the following table.

Table -: Workers Response to Economic Impact of Industrial Development on Satara Tehsil.

Table No. 1: Economic Impact of Industrial Development of Satara District

Economic Impact	Mean	SD
Land rent increase.	1.90	0.54
Skilled developed.	1.19	0.46
Economic security.	1.45	0.49
Employment opportunities increased.	1.24	0.47
Business opportunities increased.	1.19	0.46
Financial assistance became easy.	0.94	0.44
Number of shopping centre increased.	1.47	0.49
Standard of life improved.	1.65	0.51
Land cost increase	2.1	0.56
Average	1.46	0.49

Source: field work.

Above table shows the impact on economy of the region because of industrial development. It shows that table shows high impact on negative component like increase cost of land and even increase in rent. In positive high positive impact showing in economic security, shopping centre increased, standard of life improved. Low impact is showing on financial assistance easily availability. Workers are saying that they are not getting financial assistance from the factory and not even bank easily therefore for this point it shows low impact but overall economic impact is here.

SOCIO-CULTURAL IMPACT OF INDUSTRIAL DEVELOPMENT ON THE SATARA TEHSIL:

Social and cultural impacts are essential because it refers to change the quality of life of people of study region.

INDICATORS OF SOCIAL AND CULTURAL IMPACT

1. Roads network developed.
2. Bus facilities improved.
3. Education institutes increased.
4. Quality of education change.
5. Number of health centre increase.
6. Quality of health facilities improve.

7. Number of recreational facilities increased.
8. Communication facilities have been improved.
9. Consumption level increased.
10. Insecurity increased.
11. Immigration increased.
12. Social contact increased.
13. Social integration increased.

WORKERS RESPONSE TO SOCIO-CULTURAL IMPACT

Here calculating the socio-cultural impact of industrial development of Satara tehsil and it presented in following table.

Table No. 1: Socio-Cultural Impact of Industrial Development of Satara District

Social and cultural impact	Mean	SD
Roads network developed	1.53	0.49
Bus facilities improved	0.95	0.43
Education institute increased	1.83	0.53
Quality of education change	1.51	0.49
Number of health centre increased	1.24	0.47
Quality of health facilities improved	1.61	0.50
Number of recreational facilities increased	1.40	0.48
Communication facilities have been improved	2.35	0.60
Consumption level increased	1.51	0.49
Insecurity increased	1.78	0.52
Immigration increased	1.18	0.46
Social contact increased	1.10	0.45
Social integration increased	0.58	0.42
Average		

Source: field work.

Above table shows the socio – cultural impact of industrial development on the region. Here it shows that there is overall impact of industrial development on socio – cultural aspects of the region. But it shows very high impact on improved communication facilities because now it became easy to buy mobile and use communication facilities because of improved economic level. Even it shows that there is increase in educational facilities. Here high impact shows on negative aspect that is insecurity. It shows that insecurity increased mostly in life insecurity and even economic insecurity industry can leave you at any time. Other

positive impact it shows on quality of education improved and road network improved it observed that because of industrial development roads between industry and villages has been improved. Very low impact observed on social integration. Workers are think that there is no impact on integration of industry but few are thinking caste and religious barriers are became less rigid because they work together in industry.

ENVIRONMENTAL IMPACTS OF INDUSTRIAL DEVELOPMENT ON THE SATARA TEHSIL:

Assessment of environmental impact is very important to assess whether development is proper or not. Industrial development cause number of diseases like hearing problem, high BP, heart disease, high stress level, diseases regarding polluted water etc. it increase level of pollution. Therefore here attempt has been made to assess environmental impact. Following indicators are consider to assess environmental impact.

INDICATORS OF ENVIRONMENTAL IMPACT

1. Increase in diseases regarding hearing,
2. Increases problem like allergy,
3. Heart trouble increase,
4. Stress level increase,
5. Sound level increased.
6. Getting polluted water

WORKERS RESPONSE TO ENVIRONMENTAL IMPACT OF INDUSTRIAL DEVELOPMENT

Table No. 1: Physical Impact of Industrial Development of Satara District

Physical impact	Mean	SD
Increase in diseases regarding hearing	1.25	0.50
Increases problem like allergy	1.49	0.49
Heart trouble increase	1.91	0.54
Stress level increase	0.84	0.43
Sound level increased	1.03	0.45
Getting polluted water	1.19	0.37
Average		

Above table shows that there maximum workers are saying because of industrial pressure and sound and air pollution heart trouble has been increased. After that second number goes to allergic diseases like asthma is also increased due to industrial pollution. Even diseases regarding

hearing and polluted water is also increased due to industrial pollution but very few workers are agree to increase stress level due to industrial development. Over all it shows positive environmental impact of industrial development in Satara tehsil.

CONCLUSION:

Above analysis shows that there is impact of industrial development on the Satara tehsil mostly in economic some positive and negative impact on the study region. In economic impact it increased the living cost but it gives economic security to the local people. It also increases facilities and standard of living. Here educational facility, health facility and road network improved. But workers think that insecurity also increased. Because of the pressure in the industry, sound, mostly smoke number of diseases has been increased. Therefore here to decrease impact on health here need to practice regular meditation and yoga in company. The rate of land and rent should be controlled by government.

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