



A Study on Availability of Resources and Industrial Development

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Abstract

Raw material is very important factor of production in industries. Industrial development is completely dependss on availability of resources. It is also observed that industries are located in those places where the sufficient amount of resources available. It is mainly because the cost. If resources are long away from industries the transport cost may minimizes the profit and nobody wants such situation. Availability of resources, industrial development and economic growth are interlinked. To get this benefit industries must be started nearby resources. By taking the case of Chandgad Taluka the researcher wants to understand the availability of raw material in Chandgad taluka for industrialization. The researcher also wants to undertake analysis of the gaps in raw material availability and industrialization in the above taluka.

Key Words- Raw material, Resources, Industrial production, Industrial Development, Infrastructure, Location, Gaps, Micro level Study

1. Introduction

Raw material is very important factor of production in industries. Industrial development is completely dependss on availability of resources. It is also observed that industries are located in those places where the sufficient amount of resources available. It is mainly because the cost. If resources are long away from industries the transport cost may minimizes the profit and nobody wants such situation. Availability of resources, industrial development and economic growth are interlinked. To get this benefit industries must be started nearby resources. By taking the case of Chandgad Taluka the researcher wants to understand the availability of raw material in Chandgad taluka for industrialization. The researcher also wants to undertake analysis of the gaps in raw material availability and industrialization in the above taluka.

The process of development is multifaceted. Its economic, social, cultural and educational aspects are required to be taken in to account. The economic development provides the basic

foundation of further social, cultural and educational development. This is true both at macro and micro level development. The studies so far undertaken put more emphasis on macro level. Very few attempt have been made to undertake the study at micro level development. The present study measure resources gaps for industrialisation at micro level, i.e. at taluka level. For this purpose the single taluka namely Chandgad Taluka is taken for the study.

This being a micro level study is expected to reveal valuable facts about availability of resources, location and industrial development in the Chandgad taluka. These facts are certainly to become valuable inputs for formulating the development plan of the taluka.

2. Review of Literature

Naik R N (2009) in his research entitled `*Industrial Development Pace, Pattern and Gaps- A Case Study of Chandgad Taluka`* studied the Micro, Small and Medium industries and found how the resources impacts on the industrial development in taluka. It was a micro level study and covered only Chandgad taluka. Researcher suggested to the government and politician that the Chandgad taluka has abundant number of resources and the scope for further development is awaiting so it need to be considered in future for overall development.

3. Statement of the Problem

A Study on Availability of Resources and Industrial Development is basically a case study in which raw material gaps in industrial development is studied.

4. Objectives of the Study

Researcher has the following objectives to study.

1. To study the availability of industrial resources in Chandgad taluka.
2. To study the gap between availability of industrial resources and industrial development in Chandgad taluka.

5. Scope of the study

The study is conducted to know the industrial raw material gaps in the Industrial development of Chandgad taluka (Chandgad taluka is located in Kolhapur district of Maharashtra state). The study only focuses on the resources gaps with considering the selected industries in the taluka. To study the resources gaps researcher covered Total 110 industries in the taluka. To make micro study the industries are classified in five circles of chandgad taluka. These circles are Chandgad (12), Date(17) Here(10), Turkewadi(60), and Kowad(11)

6. Sampling technique and Sample Design

Convenient sampling method is used to study the resources gap for industrial development. To make more convenient the study, industries are classified in to Micro, Small, Medium and Large industries according to the criteria laid by the MSME Government of India. It is summarized in the below table.

Samples

Industry	Total	Micro	Small	Medium	Large
Cashew	16	6	8	2	0
dairies	3	0	1	2	0
Oil and Rice	15	8	7	0	0
Poultry	23	22	1	0	0
Sugar	2	0	0	0	2
Textile	7	2	5	0	0
Engineering	28	24	4	0	0
Foundry and Metal	6	0	0	4	2
Other	10	0	5	5	0
Total	110	62	31	13	4
%In Total Industries	100	56.36	28.18	11.81	3.64

Further these industries are classified in five circles of chandgad taluka. Namely Chandgad (12), Date(17) Here(10), Turkewadi(60), and Kowad(11)

7. Sources of data

Both the primary and secondary data is used for the study. Government reports are used as source of secondary data. Where as the primary data is collected by the researcher by conducting interview, personal visit and own observations. Separate questionnaire is used to collect the data from respondents. Personal observation, site visit and discussion with the respondents helps researcher to know the resources pattern of industries in the taluka. Present study deals with the resources gaps in industrial development in the study area.

8. Data analysis and Interpretation

Raw material gap in Industrial Development of Chandgad taluka

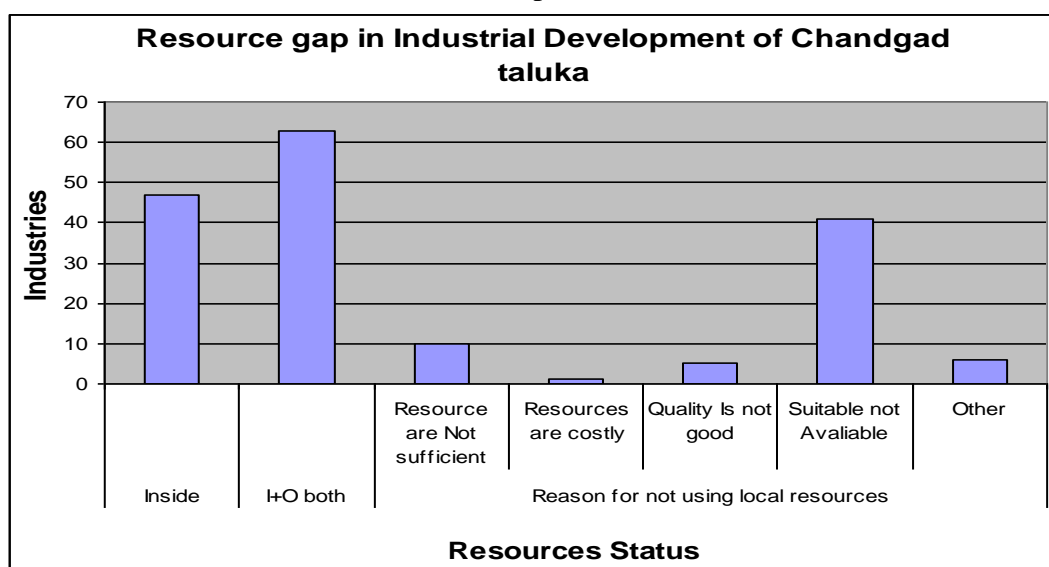
Under this title researcher has studied the industries in respect of utilizing of resources availed in the study area. It helps to understand how much industries are using resources from study area, how much industries are using resources from outside the study area and how much from both. If they are using these resources from outside the study area then what is the reason behind this. The information of the resource gap is summarized in table 1

Table 1 Raw material gap in Industrial Development of Chandgad Taluka

Type of Industries	No of Industries	Used from Local Area	Used from both	Reason for import of Raw Material				
				Not sufficient	Low Quality	costly	Not Suitable	Other
I	2	3	4	5	6	7	8	9
Cashew	16	5	11	5	1	5	0	0
%	14.55	10.64	17.46	50.00	100.00	100.00	0.00	0.00
Dairies	3	0	3	3	0	0	0	0
%	2.73	0.00	4.76	30.00	0.00	0.00	0.00	0.00
Oil and Rice	15	15	0	0	0	0	0	0
%	13.64	31.91	0.00	0.00	0.00	0.00	0.00	0.00
Poultry	23	0	23	0	0	0	23	0
%	20.91	0.00	36.51	0.00	0.00	0.00	56.10	0.00
Sugar	2	0	2	2	0	0	0	0
%	1.82	0.00	3.17	20.00	0.00	0.00	0.00	0.00
Textile	7	0	7	0	0	0	7	0
%	6.36	0.00	11.11	0.00	0.00	0.00	17.07	0.00
Engineering	28	22	6	0	0	0	4	2
%	25.45	46.81	9.52	0.00	0.00	0.00	9.76	33.33
Foundry and Metal	6	0	6	0	0	0	6	0
%	5.45	0.00	9.52	0.00	0.00	0.00	14.63	0.00
Other	10	5	5	0	0	0	1	4
%	9.09	10.64	7.94	0.00	0.00	0.00	2.44	66.67
Total	110	47	63	10	1	5	41	6
%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	100.00	42.73	57.27	15.87	1.59	7.94	65.08	9.52

Source : Compilation of field data

Graph 2



The above data shows the availability of raw material in the study area(local area) and its import on Industrial Development of Chandgad Taluka. It is observed that the majority of the

Industries (63) 57.27% is using raw materials from local and outside both of the study area. Where as (47) 42.73% industries are using Raw material from local area. The reason for import of raw material from outside area are either it is not in sufficient quantity, costly or it is not suitable for the existing production or it is of poor quality.

The industry wise analysis shows that out of (63) 57.27 % industries. The 23 poultries are using resources from both places i.e local and outside the local area followed by Cashew (11) 17.46%, textile (7) 11.11, engineering (6) 9.12%, foundry and metal (6) 9.12%.

9. Findings and Conclusion

The poultries are using home made poultry feed and also importing from out side the local area. Particularly, the medicine and the chicks are importing from the outside the study area i.e. from their company (Saguna and Quality). Cashew industries are using raw material from both places. Industrial opinion shows as follows, Five industries are reported that Raw material in the local area is not sufficient, five industries are reported that resources in local area are costly. Engineering industries are using both resources because the industries have not suitable resources in the local area.

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