

## A CASE STUDY OF THE PRODUCT SECTOR AND THE SERVICE SECTOR INDUSTRIES OF SATNA DISTRICT IN MADHYA PRADESH DURING 2007-2012



### Abstract:-

This is a case study of the service industries and the product industries in Satna from 2007 to 2012. These are sources of large employment generation for the Satna district of Madhya Pradesh. These played important role for the economic development of the district. Tried to analyse the situations and correlations among different factors too. This study is based on secondary data and an interdisciplinary nature of study which is important from various point of view. But it can serve purpose for further research and study for economic growth and development of the district

### Keywords:

Satna, service industries, product industries, employment, employees & economic development..



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## INTRODUCTION

Satna is situated in the vrindh region of Madhya Pradesh. It plays a very important role in the economic arena of the state, as Satna is a major player in the cement production of the country. Various other agro based, food product based and service industries are there in this district and all these are vital for the economic development and employment generation. This study is a descriptive analysis and mostly secondary data has been used for the purpose. Secondary data has been collected from the district statistical office, published matters, magazines and various annual reports. Satna in Madhya Pradesh has been subjected for the study of the said topic.

## ANALYSING THE PRODUCT SECTOR OF SATNA

There are food product industries, textile industries & thread industries, chemical industries, plastic & related industries, lime stone & allied industries, bauxite industries and many other industries in Satna. All these have been analysed on the basis of authorized secondary data.

**Table NO. 01 Product industries**

Year (Satna-MP)	Number of food product industries	Number of cloth/thread & saw-mills/industries	Number of chemical/plastic industries	Number other product industries	Total of the mentioned product industries
2007-2008	10	-	19	216	245
2008-2009	10	-	19	216	245
2009-2010	8	-	-	641	649
2010-2011	-	-	-	648	648
2011-2012	21	30	9	440	500

Source – District statistical booklet Satna (MP) 2012

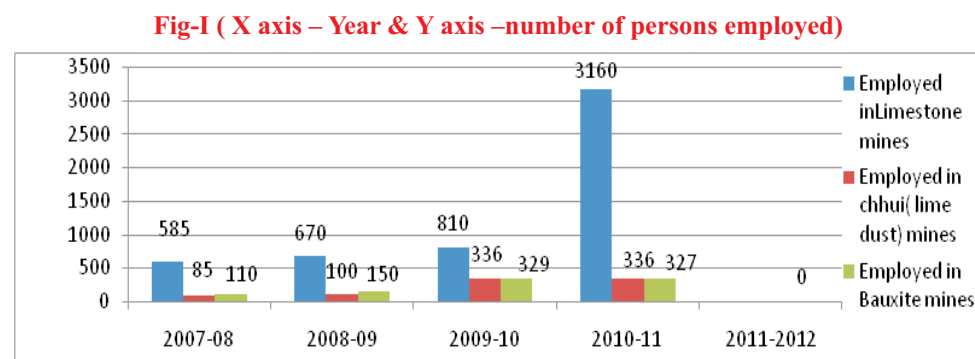
It is clear from the above mentioned data that the food product industries grew in Satna in a reasonable rate and obviously it supported employment in and around this area. In the year 2007-2008 the number of such units were 10 but it doubled up to the year 2011-2012. Thus there is a trend of food product industries to grow in this region of Madhya Pradesh. It has been found that during the time period of 2011-2012 there was 30 cloth/thread industries in Satna. It is predictable that the number of chemical and plastic industries has reduced drastically and care has to be taken in this sector by the state government. There was an increase in the other form of product industries in the region up to the period of 2010-2011 but they reduced in numbers in the next slot of time that is 2011-2012 which is a great matter of concern and it affects the economic development. There is a decrease in the overall number of industries in the Satna district of Madhya Pradesh.

**Table NO. 02 Mines**

Year (Satna-MP)	Number of lime stone mines	Number of workers in the lime stone mines	Number of lime dust (chhui) mines	Number of workers in the lime dust (chhui) mines	Number of bauxite mines	Number of workers in the bauxite mines
2007-2008	177	585	10	85	30	110
2008-2009	275	670	18	100	80	150
2009-2010	260	810	14	336	23	329
2010-2011	260	3160	14	336	23	327
2011-2012	-	-	-	-	-	-

Source – District statistical booklet Satna (MP) 2012

Here we will analyse the status of the mines and the employment support that has been provided by these mines. The mines can be included in the product sector as it gives out various products and by-products as its output. The number of lime stone mines was 177 in the year 2007-2008 but they increased to 260 in number in the year 2010-2011 i.e the quantity has increased. In the time period of 2007-2008 there were 585 employees that drastically increased to 3160 during 2010-2011. The employment in the limestone mines are the most so, it can be said that the economic development of Satna depends more on the lime stone mines and the allied activities. Further it is clear that raw materials for the cement industries are available in Satna. So a number of corporate players has established cement industries in Satna which generated employment and worked as catalyst of economic development. Graph depicting the employment trend in various mines of Satna (MP)



Thus it is noticeable that variety of product industries are there in Satna but a trend has been detected that the quantity of the product industries reduced in the year 2011-2012. Among different types of mines the limestone mines supported maximum for the employment of various categories of workers refer figure –I.

#### Analysing the service sector of Satna

The service industries of Satna contains the state government administrative services, businesses, shops, hotels, cinema houses, art& craft, transport and banking services .

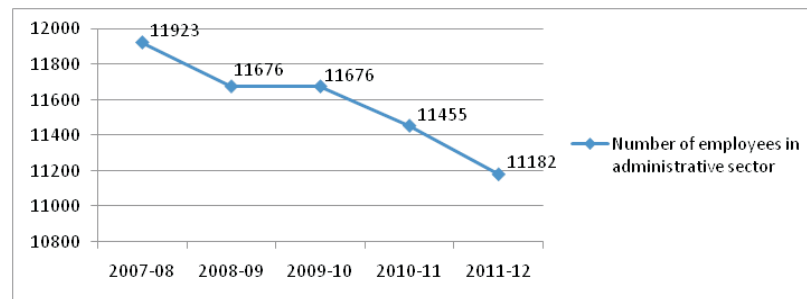
**Table NO. 03 Administrative Employees**

Year/Satna(MP)	Class – I employees	Class – II employees	Class – III employees	Class – IV employees	Total
2007-2008	100	771	9628	1424	11923
2008-2009	113	736	9432	1395	11676
2009-2010	113	736	9432	1395	11676
2010-2011	107	703	9272	1373	11455
2011-2012	102	630	9110	1340	11182

Source–District statistical booklet Satna (MP) 2012

Among different types of service sector the railways, the BSNL , post-office and the administrative sector are among the distinct and major job generators. The quantity of class-I employees are almost the same in the last five–six years, class-II employees reduced as time passed, and similar is the case for class – III and class –IV employees. The average trend of employment in the administrative sector is shown in figure – II.

**Figure – II (x –axis denotes years/time period & y-axis denotes the number of employees in the administrative sector of Satna – MP )**



From the graph it is understood during the period 2007-2008 there were maximum number of administrative employees(all the classes that is class-I,II,III &IV) in Satna, but they kept on reducing in numbers which is shown by the downward slope of the graph. Refer figure –II.

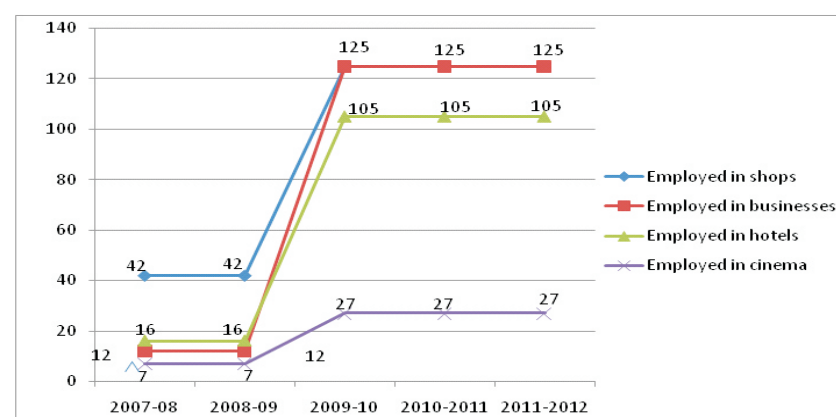
Year/Satna	Shops		Businesses		Hotels		Cinemas	
	Quantity	Employees	Quantity	Employees	Quantity	Employees	Quantity	Employees
2007-2008	225	42	39	12	8	16	3	7
2008-2009	225	42	39	12	8	16	3	7
2009-2010	9025	125	125	125	50	105	3	27
2010-2011	9025	125	125	125	50	105	3	27
2011-2012	9025	125	125	125	50	105	3	27

Table NO. 04 Registered shops/business/hotels/cinema & their respective Employees

Source –District statistical booklet Satna (MP) 2012

The number of shops has increased but the number of employees in the shops has not increased in the the same proportion. But the cinema grew in numbers in small quantity but showed an increasing trend in employment .The number of businesses and hotel are constant since 2009. Cinemas were very less in numbers in Satna since long.

Figure – III (x – axis showing years/time period & y-axis showing number of employees employed in various services)



From figure –III we can very well deduct that there was a sharp increase in employment in the

services like in shops, businesses, hotels and in the cinemas in Satna in the period 2009-2010. But as the quantities of all the above mentioned grew there was no proportionate growth in employment in all these services.

**Table NO. 05 Number of Banks in Satna**

Year/Satna	Central co-operative banks (number of branches)	Land development banks (number of branches)	Scheduled business & other banks (number of branches)	Total Branches of Banks in Satna upto 2012
2007-2008	15	8	141	164
2008-2009	15	8	141	164
2009-2010	15	8	141	164
2010-2011	15	8	158	181
2011-2012	15	8	158	181

Source – District statistical booklet Satna (MP) 2012

Since last 5-6 years various types of banks in Satna have not grown in numbers. The number of central co-operative banks, land development banks and other banks are almost constant since 2007. Refer table 5.

Correlations between the number branches of banks and the shops, businesses, hotels and cinemas in Satna (MP) respectively. (Refer table – 4 & 5)

Simple correlation between the total numbers of banks with the total numbers of shops, then with the businesses, and then with the hotels been calculated out. This has been done so as to study any relation is there with the quantity of shops, businesses and hotels with the quantity of banks or not. It was found that the total numbers of banks was moderately correlated with the total numbers of shops, businesses and hotels. Values mentioned below in table 6.

**Table.No – 6 Correlations**

	Number of shops	Number of businesses	Number of hotels	Number of cinemas
Total number of banks	.6666	.6666	.6666	—

## CONCLUSION

Satna which is a part of Madhya Pradesh is a small city (district) but play a very important role in the employment generation and in the economic growth and development of Madhya Pradesh. It is better known for its cement industries and has got storage of raw materials for supporting the same too. There are different types of product industries and service industries in Satna which supports the economy and generates employment. The study has been conducted on the base of secondary data but apart from the registered product and the service sector industries there are many others which has not been registered. Still the unregistered sectors of products industries and services industries contribute for the economic development of the region too. The study been conducted for registered data upto 2012. This showed a trend and direction of movement of the industries and employment.

The study showed that there is a trend of food product industries to grow in this region of Madhya Pradesh. It has been found that during the time period of 2011-2012 there was 30 cloth/thread industries in Satna. There was an increase in the other form of product industries in the region upto the period of 2010-2011 but they reduced in 2011-2012 which is a great matter of concern. The number of lime stone mines was 177 in the year 2007-2008 but they increased to 260 in number in the year 2010-2011. In the time period of 2007-2008 there were 585 employees that drastically increased to 3160 during 2010-2011. The quantity of the product industries reduced in the year 2011-2012.

From figure -II it is understood during the period 2007-2008 there were maximum number of administrative employees (all the classes that is class-I, II, III & IV) in Satna but kept on reducing in numbers which is shown by the downward slope of the graph. There was a sharp increase in employment in the

services like in shops, businesses, hotels and in the cinemas in Satna in the period 2009-2010 - refer figure –III . . It was found that the total numbers of banks was moderately correlated with the total numbers of shops, businesses and hotels - refer table -6 .

Thus it can be said that the registered and the unregistered sector both are responsible for the economic development and the employment generation. Many private banks and educational institutes are coming up in satna to increase the rate of economic growth and prepare a base for future skill development. Number of medicinal plants are found in the region so related industries can come and further there are scopes to develop the agro-sector in amore commercialized and professional manner.

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