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CRITICAL ANALYSIS OF TOTAL PRODUCTIVITY OF STEEL INDUSTRIES

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Abstract
The Indian steel industry is developing enormously everyday . The Indian steel industry is getting all support from the government as well as the private sector for boosting up and expand more. The government of India is supporting the steel industry by helping them with the industrial reforms. On the other hand the private sector is also backing up the industry by huge investments in the sector which are almost worth billions of dollars. It has been observed that during difficult times too the industry has stood up backing up the economy and also supporting other sectors such as automobile, infrastructure etc. The company has made its place in the industry and is doing extremely well. This paper presents the trends in the growth of total productivities by analyzing the various factors and computing the comparison.

Research Methodology

This research is mainly based upon the secondary data. The study has descriptive nature and hence is reliable upon secondary data only. No primary data has been collected.

For the study of 'CRITICAL ANALYSIS OF TOTAL PRODUCTIVITY OF STEEL INDUSTRIES ' secondary data has been used. Secondary data is the data that has been collected from the official websites, legal papers and only the quoted figures. It does not involve collecting the data in person that is conducting the survey by oneself and then observing the trends. Hence the study is based only on the claimed figures and does not involve primary data.
For this study the data has been collected from Ministry of Steel. The official websites of the following industries were referred for the exact figures and the data:

- Steel Authority of India
- Tata Steel Ltd.
- Jindal Steel Ltd.
- JSW
- FARCO
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The above mentioned company's annual reports were also referred. Thus the main aim was to select a certain no of companies and then collect the data from their official papers and analyze and compare the total productivities of these companies by analyzing the data and comparing as to which company is performing better .

Period of Study

The selected 5 companies were analyzed for a time period of 6 years i.e. from 2010-11 to 2015-16. The total productivity of these companies were calculated and then all the companies were compared as to which company is working efficiently.

Objectives of Study

- To calculate the total productivity of selected companies
- to find out the growth trends in productivity over last six years of selected companies
- to estimate and compare the technical efficiency of the selected companies

Conclusion

S_no	Name of the insurance company (DMU)	Technical Efficiency (TE) Score	Relative Inefficiency (in %)
1	SAIL	0.87	13 %
2	JSL	1.00	0.0 %
3	JSW	0.90	10 %
4	TATA STEEL	1.00	0.0 %
5	FACOR	1.00	0.0 %

From the above table it is evident that the companies JSL,TATA STEEL, FACOR are doing exceptionally well as their technical efficiency is equals to 1. Hence they are working efficiently and their total productivities is fine. But the companies Sail and JSW are lagging behind in the race since their technical efficiencies is quite less than 1. Also from the table it is

clear that their relative efficiencies too are not upto the mark. So these companies should do better and make changes in order to compete with others.

As a brief conclusion, it is emerged from the technical efficiency based on four inputs and two outputs that by and large all the companies are equally performing better with only two companies namely SAIL and JSW are not significantly behind the other three companies. This clearly indicates that all the sample companies are almost efficiently with the required inputs and getting the maximum outputs.

References

- Kumari, Anita, 1993: "Productivity in Public Sector", Economic and Political Weekly, Nov 27, pp. M145-M162.
- Radhakrishna, B.P., (2007). Boom in India's Iron and Steel Industry, Current Science, 1210 Vol. 92, NO. 9, 10 May 2007.
- Sidhu, Shivinder S., 1983: The Steel Industry in India: Problems and Perspective, Vikas Publishing House PVT Ltd., New Delhi, India.
- Steel Authority of India Ltd., 1996: Statistics for Iron & Steel Industry in India, New Delhi.
- http://www.worldsteel.org.
- http://www.ibef.org/industry/steel/showcase.
- http://www.equitymaster.com/stockquotes/sector.asp?sector=construction.