

Productivity of Bharat Coking Coal Limited: An Economic Analysis

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ABSTRACT In 1972 the coking coal industry in Indian economy was nationalized which ultimately formed Bharat Coking Coal Limited at Dhanbad. For the first time, a concentrated effort was put in the Industry for an integrated development of the mines and the worker's welfare was taken up after the formation of Bharat Coking Coal Limited. This study is highly essential because it is an "Economic Analysis" highlighting the performance of Bharat Coking Coal Limited since its inception. This research study is an attempt to high light the behaviour of the Economic parameters of Bharat Coking Coal Limited, through which a clear picture can be achieved about the nature of performance of this public sector since its inception. Therefore, the fundamental objective of the study is to analyse the nature of the performance of different economic parameters analysis can be highlighted and future policies of the management can be formulated relating to Bharat Coking Coal Limited. In this study, time series data will be collected from 1975 to 1998. The data will be collected relating to production, productivity, employment, wage price, welfare measures and profit/loss of Bharat Coking Coal Limited. The trend will be fitted with the help of the equation. Annual rate of change (%) =

$$= \frac{(Y_t - 1) - (Y_t) * 100}{Y_t}$$

Where,

Y_{t-1} = Variable of Base Year

Y_t = Variable of Current Year

After studying the trend of growth of each economic parameter, attempt will be made to study the nature of there relationship among these economic parameters. While studying the nature of Inter-dependence among the economic parameter, the *Econometric Model* will be fitted with the help of *Co-relation, Analysis and Regression Analysis*. Thus, with the help of econometric modeling, a complete economic analysis relating to the performance of Bharat Coking Coal Limited will be prepared through this research study.