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Thesis Title : Forecasting Number of Skilled Worker and Technician Graduates in 1990-1994 from Technical Colleges Located in Eastern Seaboard Industrial Development Area  
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### Abstract

The demand and supply of manpower in industrial business is one of the key data to educational institution and infact to the educational administrators as well. This study is to estimate the outcome of manpower in both skilled worker and technician levels of those Technical Colleges located at the Eastern Seaboard Industrial Development Area.

The study was conducted by using exponential equation and asking estimated number from responsible administrators and industrialists. The results of the forecasting for all three means were that the number of graduates in both levels tended to increase correlatively in every trades. The result of chi-square test for the significant difference among the three means showed that only the increasing number of skilled worker graduates in Machine Shop was significantly different; and for the technician level, only those in the fields of Petrochemical Technology and Auto Mechanics were statistically significant different at  $P < .05$ .