

Impact of Technology on Product Quality, Speed up Delivery and Cost

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Abstract : This paper explores the hypothesis that technology can be used to improve product quality, speed up delivery and reduced cost. For companies improving the quality of their products, reducing the cost and improving the speed of delivery makes them favorable to the client who feels like all their needs have been met. The research occurs between the months of January 2018 to April 2018 which is about four months. The research experiment design uses the pretest-posttest experimental design set up between two companies both using the traditional method of manufacturing with no technology. In one company technology is introduced while in the other company the process remains the same traditional method of production. Both companies analyze the results at the end of a four-month period before a conclusion is drawn from both the pretest and the final test. The experiment results show that technology improves quality of the product, improves the speed of delivery while at the same time reduce cost benefiting both the producer and the client. Technology should, therefore, be implemented in companies to give them an edge over the competition. With technology in companies, the United States can reclaim production from overseas companies that have taken over by providing cheap labor. Better satisfied customers mean more production which in turn means more jobs for the people in the United States.

Keywords : technology, quality of product, speed up delivery, cost

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