

A Coordination of Supply Chain Disruption in Different Types of Manufacturing Environments: A Case Study of Sugar Manufacturing Company

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Abstract : Coordinating supply chain process within a manufacturing environment is a very critical aspect of any organization. Nowadays, most manufacturing industries turn to look at only the financial indicator which in real life situation on the shop floor, there are a number of supply chain disruptions that are been ignored. In this work, we had to look at different types of supply chain disruption and their various impact within the organization. A number of Industrial engineering tools are employed which includes, Multifactor productivity, activity on arrow and rescheduling plans. The final result shows that supply chain disruption varies with different geographical area where the production plant is operating.

Keywords : supply chain, disruptions, flow shop scheduling, uncertainty

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