



جلسه ارائه علمی دانشکده مهندسی صنایع

Supply Chain Strategy

ارائه دهنده: دکتر جواد فیض آبادی

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Abstract

Specialisation and differentiation is a must to design and run any economic organisation including supply chain. However, the challenge of unifying and integrating differentiated organisational units would arise to achieve higher performance in the firm. In designing any supply chain the firms should have specialised and differentiated units within the firm and externally the suppliers and customer are highly focused and specialised on their activities. This brings a huge challenge for supply chain managers to ensure all the differentiated units internally and externally are aligned to fulfil end customer demand. Integrating internal and external actors of supply chains are a very daunting task yet it has a huge implication on firm's bottom line. In this presentation the latest approaches and methods to achieve cross-functional and cross-organizational integration will be articulated. The supply chain integration will be discussed in the various contexts such as low and high uncertainty of supply and demand. The appropriate policies and solutions for the companies to effectively cope with uncertainty in supply and demand will be discussed in light of achieving an integrated supply chain to fulfil end-customer demand. Some of the topics that will be covered is as follows:

1. Overview of latest challenges and trends on SCM
2. Necessity and importance of SC contracts
3. SC contracts in Make-To-Stock and Make-To-Order supply chains
4. Implementation of SC contracts
5. Effective SC contracts to align SC member's incentives and achieve integration

Biography

Dr. Javad Feizabadi is an assistant professor of MIT Global SCALE Network. This network spans four continents and provide a world-class higher education on supply chain management. He is also a research associate with Massachusetts Institute of Technology. He worked in various industries for over 8 years and has a certificate from Harvard Business School for case study teaching. Before joining to MIT, he worked as research associate at IMD in Switzerland. He is also a regular visiting professor at MIT.