

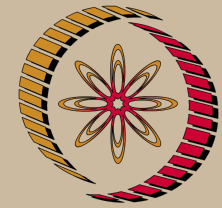
Global Supply Chain Management - Video course

COURSE OUTLINE

Supply chains are generally considered as a network of nodes with each node adding value to products that swiftly flow through the *logistics and IT pipelines* connecting the nodes, finally emerging out as finished products for consumption. From the single owner vertical integrated network, supply chain networks have evolved into a globally dispersed multiple owner networks, each controlling the respective nodes and the links, in coordination and collaboration with other stakeholders. Further, many networks currently are global with majority of the nodes and links in emerging economies. The evolution of vertical foreign investments has increased the global trade and lead to the evolution of world class service organizations such as logistics firms, consulting organizations, etc. However, recent events have demonstrated that the efficiency contributors of SCNs can turn into risk creators. This is evident from the aftermath of the 2008 financial crisis and decline in trade threatening de-globalization and the 2011 March 11, earthquake, tsunami, nuclear crisis & plant shutdowns in Japan that threatened supplies of semiconductors to car parts to the globe. There are also lots of government interventions in the production matters in the form of protectionist regulations and preferences to local firms in government procurements. Thus we see that the supply chains are affected by factors other than those relating to their partners and their performance such as the political and economic climate in the locations of the partners, delivery infrastructure in those locations, availability of the resources and host of other factors. There is a tremendous need for supply chain redesign. This course is a first step in that direction. The material of this course can be extended in several directions for further research.

COURSE DETAIL

Module	Lecture	Name
Supply Chain Networks	1	Introduction to Global Supply Chain Networks Part- 1
	2	Introduction to Global Supply Chain Networks Part -2
	3	Zara- fast fashion
Introduction to Supply Chain Ecosystem	4	The Supply Chain Eco-System Framework
	5	Supply Chain Eco-System Framework: Supply Chains & Resources
	6	Supply Chain Eco-System Framework: Delivery services& Institutions
	7	Metro Cash and Carry
Analysis of Global Supply Chains Using the Ecosystem	8	Performance Analysis
	9	Supply Chain Risk-part1
	10	Supply Chain Risk-part2
	11	Supply Chain Risk-part3



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Management

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	12	Mattel Toy Recalls and Supply Chain Management
	13	Innovation in Emerging markets
	14	Innovations in Supply Chain Ecosystem
	15	Indian Telecom and Bharti Airtel
	16	CEMEX-part1
	17	CEMEX-part2
	18	Governance
	19	Governance of networked organizations
	20	The Orchestration Governance Model
	21	Orchestration-Examples
	22	Li& Fung-part1
	23	Li& Fung-part2
Supply Chain Design	24	Supply Chain Design-part1
	25	Supply Chain Design-part2
Applications of the Ecosystem	26	Green supply chain design-part1
	27	Green supply chain design-part2
	28	Green Supply Chain Ecosystem Analysis
	29	GRIP Framework
	30	Location Selection
	31	Ecosystem Aware Location Analysis
	32	Food supply chain in India
	33	Food supply chain ecosystem - Grip frame work
	34	Food Security in India
	35	Smart Villages and Cities-part1

	36	Smart Villages and Cities-part2
Review & How to use the book	37	Overview of the Course
	38	How to use the Video lectures

References:

- N. Viswanadham and S. Kameshwaran, Ecosystem Aware Global Supply Chain Management, World Scientific Publishing, 2013

Harvard Cases:

- Metro Cash & Carry, Tarun Khanna, Krishna Palepu, Carin-Isabel knoop, David Lane, Case : 9-707-505, May 2007
- Cemex: Transforming a Basic Industry Company, Case: GS-33 , David Hoyt and Hau Lee, July 2005
- Unsafe for children: Mattel's toy recalls and Supply chain management Case: GS-63
- Li & Fung 2006, F.Warren Mcfarlan, William C Kirby, Tracy Yuen Manty 9-307-077
- Zara fast fashion, Pankaj Ghemavat, Jose Luis Nueno, 5-703-497, Dec 2006