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Japan-ASEAN Cooperation



Sustainable Human Resource Development in logistics services for ASEAN Member States

Course Name: Sustainable Human Resource Development in logistics services for ASEAN Member States		Rev / Date : Version 1 / June 2014	
Module: Supply Chain Collaboration & Logistics Solutions		Session no : 1	
		No of hours : 5 hours 45 mins	
<p>Module Objectives:</p> <ul style="list-style-type: none"> • Revisit definition of supply chains. • Define supplier chain collaboration. • Understand the use of Strategic Alliance model to examine the process of collaboration. • Examine the steps on trust development between supply chain partners. • Examine how collaboration facilitates supply chain initiatives of JIT, MRP, CPFR and VMI. In turn each of these will be examined. 			
<p>Learner's Outcome</p> <ul style="list-style-type: none"> • Able to use Strategic Alliance Model to explain collaboration between supply chain entities. • Understand that collaboration is the mechanism necessary to implement supply chain initiatives. • Able to examine and explain definition, advantages & disadvantages of supply chain initiatives JIT, MRP, CPFR and VMI. 			
Subject / Content	Time (mins)	Teaching Methods	Reference Materials
21 Nov 2014 10.00am – 5.00pm			

<u>Basic Principles of Supply Chain</u> What are supply chains and why do they exist? Why do they need to be protected?	10.00am – 10.15am 15	Lecture	Lecture notes Lecture powerpoint slides
<u>Supplier & 3PL Selection</u> How suppliers and 3PL are selected using the Purchasing 4-stage model.	10.15am – 10.45am 30	Lecture	Lecture notes Lecture powerpoint slides
<u>Collaborative Partnership – Procurement & Supplier</u> Examine how relationships are fostered, how they are nurtured and how trust is developed and ways of overcoming conflicts.	10.45am – 11.30am 45	Lecture	Lecture notes Lecture powerpoint slides
<u>Outsourcing</u> Understand that facilitation role of supply chain collaboration in outsourcing and appreciate other sourcing modes of insourcing, offshoring and nearshoring and e-sourcing.	11.30am – 12.00pm 30	Lecture	Lecture notes Lecture powerpoint slides
Lunch	12.00pm – 1.00pm		
<u>Inventory Management & Bullwhip Effect</u> Understand the role and functions of inventory and able to carry out simple forecasting and explain why bullwhip occurs and how it can be avoided.	1.00pm – 1.15pm 30	Lecture	Lecture notes Lecture powerpoint slides
<u>JIT</u> Understand what JIT is and the environment necessary for its operation and explain its advantages & disadvantages.	1.15pm – 1.30pm 15	Lecture	Lecture notes Lecture powerpoint slides
<u>MRP</u> Understand what MRP is and its role in inventory management and advantages & disadvantages.	1.30pm – 1.45pm 15	Lecture	Lecture notes Lecture powerpoint slides
<u>CPFR</u> Understand CPFR via the CPFR model and importance of collaboration in driving CPFR and advantages & disadvantages of CPFR.	1.45pm – 2.00pm 15	Lecture	Lecture notes Lecture powerpoint slides
<u>Case Study</u> Supply Chain Collaboration	2.00pm – 3.00pm 60	Group Presentation	
Tea-break	3.00pm – 3.15pm		
<u>Formative Assessment</u> Written Test	3.15pm – 3.30pm 15		Closed book test

<u>VMI</u> Understand VMI and its various models and conditions necessary for VMI to operate and VMI benefits & issues.	3.30pm – 4.00pm 30	Lecture	Lecture notes Lecture powerpoint slides
<u>Summative Assessment</u> Case Study	4.00pm – 4.45pm 45		Case study on collaboration
<u>Conclusion</u> Summary of Supply Chain Collaboration & Logistics Solution	4.45pm – 5.00pm 15		
Total Contact Time + Aseessments (mins)		345	