

Module Specifications

a	Module title	Supply Chain Planning & Control
b	Module code (enter code or 'NEW')	EC4
c	Module Leader	Professor Chandra S Lalwani
d	Credits	One (over twelve)
e	Level	Master
f	Semester	Period 2 / EUROPEAN HUB
g	Pre-requisites	Knowledge of supply chain operation and logistics management principles
h	Concurrent modules	Inclination to learn and apply tools to enhance logistics performance
i	Post-requisites	None
j	Mandatory constraints	None
K	Advisory constraints	None
L	Rationale	Learning through case companies analysis and application
M	Aims and distinctive features	Introduce recent trends in logistics and supply chains. Develop skills to understand the application of tools for improving performance.
N	Learning outcomes	Skills to develop and apply tools and strategies for supply chain planning and improving operational performance
O	Learning and teaching strategy	Face to face lecturing (12/24), research paper analysis (12/24), personal work (readings and group work).
P	Arrangements for revision and private study	None
Q	Methods of assessment	Class Participation Research Paper Analysis and Presentation (Group Project) Individual Assignment

U	Estimated number attending module	15-20
V	Indicative content	
	<ol style="list-style-type: none"> 1. Supply Chain Management and paradigms 2. Tools for Supply Chain Analysis and Modelling 3. Data Collection using Quick Scan and Mapping Supply Chains 4. Supply Chain Dynamics , Simulation and Modelling Supply Chains 5. Supply Chain Network Design 6. Integrating Transport in Supply Chains 7. Simulation & Optimisation 8. Supply Chain Strategies (Factory Gate Pricing, CPFR, and Vendor Managed Inventory) 9. Supply chain performance 10. Next Generation Supply Chain Issues 	
W	Indicative reading	
	<p>Chopra S & Meindl P (2007) "Supply Chain Management: Strategy, Planning, and Operation" 3rd ed. Pearson Prentice Hall</p> <p>Mason R. J. and Lalwani C. S. (2006) "Transport Integration Tools for Supply Chain Management" <i>International Journal of Logistics: Research & Applications</i>, March Issue.</p> <p>Mangan J, Lalwani C, Butcher T.(2008) Global Logistics and Supply Chain Management, J. Wiley, UK</p>	