

Module Synopsis

Diploma (Conversion) in Supply Chain Sustainability & Innovation

PDC 1:	Post-Diploma Certificate in Certificate in Supply Chain Sustainability	(150 hours)
1. BA8109:	Sustainable Supply Chain & Circular Economies	(30 hours)
The aim of this module is to provide participants with a comprehensive understanding of sustainable & resilient supply chain management, and circular economy principles. It covers the critical components & stakeholders of supply chains, emphasising sustainability's importance for business success through the triple bottom line and materiality assessments. Participants will gain an overview of sustainable procurement, learn about risk assessment methodologies, and understand the significance of due diligence, traceability, and resilience in supply chain operations. Additionally, the module will distinguish circular economy principles from linear models, exploring cradle-to-cradle design, closed-loop supply chains, system thinking, and innovative business models, ultimately aiming to integrate sustainability, resilience, and circularity effectively in real-world applications.		
2. BA8110:	Sustainable Procurement & Strategy	(30 hours)
The aim of this module is to equip participants with the knowledge and skills to implement sustainable procurement practices that maximise value while benefiting the environment, society, and the economy. Participants will learn to integrate ESG (Environmental, Social, and Governance) factors into the procurement cycle, emphasising resource efficiency, reducing carbon footprints, ethical sourcing, fair labour practices, and supporting local businesses. The module will also cover the application of circular economy principles, the importance of social responsibility, and the promotion of transparency and integrity to build trust and effectiveness in procurement. The goal is to balance economic growth with the well-being of current and future generations.		
3. BA8111:	Sustainable Global Trade & Distribution	(45 hours)
Provide participants with a comprehensive understanding of how global trade and distribution management shape business strategies amidst the complexities of international marketplace and trade regulation. By incorporating sustainable practices learned in previous modules, participants will design global trade systems, optimise inventory management, and develop efficient distribution networks. They will also gain a deeper understanding of customs procedures, trade documentation, and compliance with international trade laws. This course blends theoretical insights with practical applications, ensuring competitive advantage and the creation of sustainable and resilient supply chains.		
4. BA8112:	Sustainable Transportation & Warehousing	(45 hours)
Equip participants with an in-depth understanding of future transportation and warehousing operations that are digitalised, resilient, agile, and sustainable. This module covers key topics such as transportation optimisation, delivery management, warehouse design and processes, performance metrics, understanding data analytics, and implementing sustainable practices in warehouse and transportation. By the end of the course, participants will be equipped with the		

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knowledge and skills to enhance efficiency and sustainability in logistics and warehousing, preparing them to meet the demands of modern supply chain management.

PDC 2: Post-Diploma Certificate in Supply Chain Innovation		(135 hours)
1. BA8038: Supply Chain Analytics & Finance		(45 hours)
This module introduces the basic business analytics skills and financial performance from Supply Chain perspective to participants. It enables them to gain business insight, use Supply Chain Operations Reference (SCOR) metrics on supply chain financial performance and adopt best practices as a key competitive advantage in today's dynamic business environment. Going beyond Excel to identify patterns and trends, participants will apply interactive visualisation tools and Linear Regression technique to create demand forecast models to increase resilience in the supply chain.		
2. BA8039: Supply Chain Process Automation		(45 hours)
Provide participants with a comprehensive understanding of supply chain process automation and how to integrate new solutions with existing technologies to enhance cost efficiency and performance. Key areas include Enterprise Resource Planning (ERP) and digitalisation, process mapping, robotic process automation (RPA), and the application of generative AI in supply chains. Hands-on activities will offer practical experience in implementing these technologies to improve supply chain operations, ensuring participants are equipped to drive innovation and efficiency in supply chain management.		
3. BA8040: Supply Chain Innovation Management		(45 hours)
This course aims to understand how each department contributes to customer value and to innovate the Supply Chain to enhance customer experience. Participants will apply design thinking, business model innovation, and LEAN processes to improve customer experience, operational understanding, and innovative thinking, while recognising the importance of supply chain. Through practical applications and business case studies, participants will learn to drive innovation and efficiency in their supply chain operations.		