

# Emerging Business

## International Supply Chain Technology Professional

### Curriculum

#### **Program Outline :**

#### **Module 1:Fundamentals of International Supply Chain Technology Professional**

- **Global Supply Chain Management:**

Understand the complexities and dynamics of managing global supply chains, including sourcing, procurement, production, and distribution.

- **Technological Integration:**

Learn how to integrate advanced technologies such as IoT, blockchain, and AI to enhance supply chain visibility, efficiency, and resilience.

- **Risk Management and Compliance:**

Develop skills in identifying, managing, and mitigating risks within the supply chain. Ensure compliance with international regulations and standards.

#### **Module 2: Advanced International Supply Chain Technology Professional**

- **Advanced Technological Integration:**

Mastery of integrating advanced technologies such as IoT, blockchain, AI, and machine learning to enhance supply chain visibility, efficiency, and resilience.

- **Global Risk Management and Compliance:**

Develop advanced skills in identifying, assessing, and mitigating risks within the global supply chain. Ensure compliance with complex international regulations and standards.

- **Strategic Supply Chain Planning:**

Gain expertise in strategic planning for global supply chains, including demand forecasting, capacity planning, and network optimization.

### **Module 3: Practical Applications**

- **Technological Integration**

Implement advanced technologies such as IoT, blockchain, and AI to enhance supply chain visibility, efficiency, and resilience. Utilize these technologies to track shipments in real-time, predict demand, and optimize inventory levels.

- **Global Risk Management:**

Develop strategies to identify, assess, and mitigate risks within the global supply chain. Use data analytics and risk management tools to anticipate disruptions, such as natural disasters or geopolitical events, and implement contingency plans.

- **Sustainability Practices:**

Incorporate sustainability and ethical practices into supply chain management. Implement green logistics solutions, such as eco-friendly transportation and packaging, to reduce environmental impact and promote social responsibility.

### **Module 4: Capstone Project**

- **Supply Chain Assessment:**

Conduct a comprehensive assessment of the current global supply chain to identify inefficiencies and areas for improvement.

Analyze data to understand the performance of various supply chain components, including sourcing, procurement, production, and distribution.

- **Technological Integration:**

Implement advanced technologies such as IoT, blockchain, AI, and machine learning to enhance supply chain visibility and efficiency.

Utilize these technologies to track shipments in real-time, predict demand, and optimize inventory levels.

- **Risk Management and Compliance:**

Develop strategies to identify, assess, and mitigate risks within the global supply chain.

Ensure compliance with international regulations and standards to minimize disruptions and maintain smooth operations

## **Elective Modules**

- **Global Trade and Logistics:**

Explore the complexities of global trade and logistics, including international shipping, customs regulations, and cross-border transportation.

- **Advanced Data Analytics for Supply Chains:**

Gain expertise in using advanced data analytics tools and techniques to optimize supply chain operations, forecast demand, and improve decision-making.

- **Sustainable Supply Chain Practices:**

Learn how to implement sustainable practices in supply chain management, focusing on reducing environmental impact and promoting social responsibility.

## **Websites:**

- <https://chools.in/>
- <https://ramaqschools.com/>
- <https://www.choolsgroup.com/>