

# Emerging Business

## **Certified in Production and Inventory Management (CPIM)**

### Curriculum

#### **Program Outline :**

#### **Module 1: Fundamentals of Certified in Production and Inventory Management (CPIM)**

##### **1. Basics of Supply Chain Management**

- Understand the complete flow of goods and services from suppliers to customers.

##### **2. Master Planning of Resources**

- Develop strategies for balancing demand with supply.

##### **3. Detailed Scheduling and Planning**

- Create detailed schedules for production to meet customer demands effectively

##### **4. Execution and Control of Operation**

- Ensure production processes are carried out efficiently and meet quality standards.

#### **Module 2: Advanced Certified in Production and Inventory Management (CPIM)**

##### **5. Advanced Supply Chain Management**

- Deepen understanding of supply chain dynamics and strategic planning.

##### **6. Advanced Scheduling and Planning**

- Develop sophisticated scheduling techniques to optimize production.

## **7. Advanced Inventory Management**

- Implement advanced inventory control techniques to balance supply and demand.

## **8. Advanced Materials Management**

- Enhance materials management practices to improve efficiency and reduce costs.

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

#### **9. Certified in Production and Inventory Management (CPIM) Project Development**

- Developing and implementing Certified in Production and Inventory Management (CPIM) projects.

#### **10. AI Applications in Certified in Production and Inventory Management (CPIM)**

- Enhancing Certified in Production and Inventory Management (CPIM) solutions with AI.

#### **11. Data Analysis and Visualization**

- Analyzing Certified in Production and Inventory Management (CPIM) data and visualizing results.

#### **12. Business Intelligence Applications**

- Using Certified in Production and Inventory Management (CPIM) data for decision making.

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

#### **13. Integration of Learned Skills**

- Apply tools and techniques to real-world Certified in Production and Inventory Management (CPIM).

#### **14. Advanced Certified in Production and Inventory Management (CPIM) Systems**

- Developing complex Certified in Production and Inventory Management (CPIM) systems.

#### **15. Cloud Data Management**

- Utilizing cloud platforms for scalable Certified in Production and Inventory Management (CPIM) solutions.

## **16. AI for Certified in Production and Inventory Management (CPIM)**

- Implementing AI solutions in Certified in Production and Inventory Management (CPIM) .

### **Elective Modules**

## **17. Data Ethics and Privacy**

- Ethical considerations, privacy laws, compliance strategies.

## **18. Predictive Analytics with Data Management**

- Building and validating predictive models.

## **19. Certified in Production and Inventory Management (CPIM) Project Management**

- Leading Certified in Production and Inventory Management (CPIM) projects, ensuring successful delivery.

## **20. Certified in Production and Inventory Management (CPIM) for Smart Cities**

- Developing Certified in Production and Inventory Management (CPIM) solutions for smart city applications.

### **Websites:**

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