



# PRODUCTION & INVENTORY MANAGEMENT

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## MODULE 1

### Supply Chain Management

#### Learning outcomes

- Introduction of SCM, Demand Management.
- Material Requirements Planning.
- Inventory Management.
- Execution and Control.
- Physical Distribution.
- Strategic Management of Resources.
- Operations Strategy.

#### Duration (In hours):-

15 Hours (Theory – 7hrs  
Practical – 8hrs)



## MODULE 2

### Production Control Management

#### Learning outcomes

The development, scope, and objectives of production control. Scheduling, releasing and tracking of production orders and associated schedules, and the reporting of materials and resources used in the production process. Business strategy through CRP, ERP, MRP and MPS activities.

#### Duration (In hours):-

15 Hours (Theory -7hrs  
Practical – 8hrs)



## MODULE 3

### Inventory Control

#### Learning outcomes

Forecasting inventory requirements based upon customer and consumer demand, understanding inventory management as related to production planning, modeling various scenarios based upon demand information, and recognizing the various processes and technology used in inventory management today.

#### Duration (In hours):-

15 Hours (Theory – 6hrs  
Practical – 9hrs)



## MODULE 4

### Execution and Control of Operations (ECO)

#### Learning outcomes

Execution of Operations,  
Scheduling and Authorization,  
Quality, Communication and Continuous Improvement,  
Design Concepts and Trade-Offs.

#### Duration (In hours):-

15 Hours (Theory – 6hrs  
Practical – 9hrs)



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 [www.coskills.in](http://www.coskills.in)

 [info@coskills.in](mailto:info@coskills.in)

 9976 352 352

**23A-3-32, 2nd floor,  
Lalitha & Co Building,  
Beside Hotel Madhulatha,  
Gubbalavari Street,  
R R Pet, Eluru- 534002.**