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Management Development Programme

MATERIALS MANAGEMENT

3-4 November 2012

Venue

IIT Extension Centre, Salt Lake City, Kolkata – 700106



Prof. Jitesh Thakkar

Principal Coordinator

Prof. S.P. Sarmah

Coordinator

Department of Industrial Engineering and Management

Indian Institute of Technology Kharagpur

Kharagpur 721 302, INDIA

Why Materials Management:

Materials management means different things to different people. Typically, it includes all activities in the flow of materials from the supplier to the consumer. Such activities include physical supply, operations planning and control, and physical distribution. Other terms sometimes used in this area are *business logistics* and *supply chain management*. Often, the emphasis in business logistics is on transportation and distribution systems with little concern for what occurs in the factory (i.e. MATERIALS MANAGEMENT).

Key Issues:

- **How to obtain materials at the minimum price, however, this minimum price must not compromise on the quality of goods and the continuity of supply?**
- **How to minimize the inventory of an organization without sacrificing the timely availability of materials.**
- **How to free working capital of an organization for other useful organization purposes?**

How this Programme is Different:

Material Management is all about purchasing mix. It involves the procurement of material of in store and the ability to know the total number of available goods that are to be issued out on request. All the functions are primarily carried out by the store manager whose mission is to ensure that goods are not below average as to satisfy the demands of customers. The primary and general importance of material management is to ensure that he/she streamlined the

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issues/demand/sales of the company as to enable him/her to be aware of when the management is short goods and will not go to the extent of making use of their buffer stock.

This programme intends to sensitize practicing managers on critical issues in materials management. A realistic and integrated materials management framework is what is essential for reducing product cost and becoming more competitive in global scenario. This programme is primarily designed to meet this purpose.

Course Objectives:

- Describe the strategic role of material management and its interfaces
- Identify the scope of material management in supply chain planning
- Understand the strategic significance of materials function as a profit center in the present competitive environment.
- Deciphering the role of inventory-from harmful inhibitor to helpful inferences in order to leverage the financial advantage of cost benefit decision

What You Can Expect:

The programme will help practicing managers to answer following questions:

- 1.** How to develop an integrated materials management function within an organization to ensure an unbroken chain of components for production to manufacture goods on time for the customer base?
- 2.** How to ensure accuracy of inventory which results in production shortages, premium freight, and often inventory adjustments?
- 3.** How materials managers can handle incorrect bills of materials, inaccurate cycle counts, un-reported scrap, shipping errors, receiving errors, and production reporting errors?

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For WHOM:

The Materials Management programme is for managers seeking to evaluate their materials function and ensure better control over transactions. It is most appropriate for managers holding positions of responsibility within functional departments of medium to large businesses.

Pedagogy:

The pedagogy involves:

- Class room teaching and lecturing
- Group activities and presentation
- Case studies

Topics Covered:

- ❖ Changing Nature of Materials Function
- ❖ Review of Materials Practices
- ❖ Integrated Procurement and Stores Management
- ❖ Inventory Management
- ❖ Physical inventory and warehouse management
- ❖ Outsourcing
- ❖ Materials Requirement Planning (MRP)
- ❖ Enterprise Resource Planning (ERP)

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Application and Fee:

The interested candidates are requested to send their applications to one of the coordinators by filling in the **Registration Form** provided with the brochure **on or before 15th October 2012**. Alternatively, the brochure can be downloaded from the website <http://www.iitkgp.ac.in/topfiles/stc.php>

A certificate of participation will be issued from the Office of Dean (Continuing Education), Indian Institute of Technology Kharagpur, to all the participants.

Late registrations are regretted!

Total number of seats is restricted to 20

The fee for the TWO-DAY programme is Rs. 12,000 per candidate. The **course fee includes** training kits, working lunch and tea/ coffee during lecture schedule. The **course fee DOES NOT include** boarding and lodging for the participants. Payment is to be made through bank draft drawn in favor of “CEP-STC, IIT Kharagpur” payable at Kharagpur.

Venue: IIT Kharagpur Kolkata Campus, HC Block, Sector – III, Salt Lake City, Kolkata – 700106

Address for Communication:

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Registration Form

1. Name: _____
2. Affiliation: _____
3. Educational Qualification: _____
4. Address for Correspondence:

5. Telephone: _____
6. Mobile: _____
7. E-mail: _____
8. Bank Draft Details:
Draft No. _____
Date: _____
Amount Rs. _____
Bank: _____
Branch: _____

Signature of the participant

Signature of the Sponsoring Authority

(with Seal)