



# Warehouse Design and Management

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January 23 - 27, 2017



Executive Education  
Indian Institute of Management, Ahmedabad

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Warehouses play a critical role in matching product demand with supply across different levels in the supply chain. No supply chain design and management is adequate without deciding the location, design and management of warehouses. Today warehouses operate not only as centers for storage but also as centers for value-addition. Several warehouses have assembly, packaging, and repair facilities made available within its premises.

With costs exploding in the market, the location of a warehouse is crucial for an organisation's profitability. While the location of warehouses depends on the level of customer service, location of suppliers, tax incentives and mode of transport, the design of the warehouse primarily depends on the type of commodity, level of mechanisation and throughput capacity. Further, an understanding of warehouse management principles can play a bigger role in improving the efficiency of operations, reducing employee fatigue and turnover, and improving customer service levels.

While the Indian warehousing sector is expected to grow at a rate of 35-40% every year, about 80% handling and warehousing facilities are not mechanised and traditional manual methods are used for loading, unloading and handling of food grains and other commodities. With ageing population and shortage of skilled labour, mechanisation of warehouse activities is very likely to occur in the near future. Few warehouses in India can showcase sophisticated design and automation technologies when compared to American and European warehouses. Further, to prevent food produce losses and to provide better conditions for product storage and retrieval, better cold storage facilities need to be designed and managed.



## Pedagogy

This course is designed to develop warehouse management expertise through a set of design, management case modules and simulation games.

## Target Audience

Professionals currently managing (or considering to setup) manufacturing distribution centers, export/ import warehouses, e-commerce warehouses, courier and packaging centers, cold rooms, bulk storage, 3PL services, agri-warehouses, CFS/ ICDs, who would like to gain a better understanding of warehouse operations, design and management, will potentially benefit from this programme.

## Content

- Warehouse operations (Unit-load, cold storage, bulk storage)
- Warehouse location
- Warehouse design
- Warehouse assessment
- Warehouse automation
- Item pick methods
- Warehouse storage and retrieval strategy
- Performance measures and setting service levels
- Warehouse team performance
- Warehouse simulation
- Warehouse contracts
- PPPs in warehousing
- Implications of GST on warehouse network design
- Legal and regulatory aspects
- Digital strategies and IT infrastructure

## Faculty

- Agarwal, Anurag
- Raghuram, G.
- Roy, Debjit (Faculty Chair)  
E-mail: debjit@iima.ac.in
- Venkateshan, Prahalad
- Vohra, Neharika

## Nominations and Inquiries

Nominations should reach the Officer - Executive Education latest by **January 09, 2017**. The last date for early bird discount is **January 02, 2017**.

Organisational sponsorship is generally required, but can be waived in case the participant is likely to gain significantly from the programme for personal improvement or greater job effectiveness.

All nominations are subject to review and approval by the programme faculty (usually after the due date for receiving nominations). A formal acceptance letter will be sent to selected nominees accordingly. Nominees are requested to make their travel plans only after receiving the acceptance letter.

For nomination forms and more information, please contact:

### Officer - Executive Education

Indian Institute of Management, Ahmedabad  
Vastrapur, Ahmedabad 380 015.  
Phone: +91-79-6632 4472 to 77 and 4461 to 69  
Fax: +91-79-2630 0352 (ExEd)/ 2630 6896 (General)  
E-mail: [exed@iima.ac.in](mailto:exed@iima.ac.in)  
Website: [www.iima.ac.in/exed](http://www.iima.ac.in/exed)

## Venue and Accommodation

The programme will be held at the Indian Institute of Management, Ahmedabad. Participants would get a full board and air-conditioned single room accommodation on the Institute campus.

IIMA norms do not allow participants to have guests stay with them during the programme.

## Programme Fee and Payment

INR 1,20,000 (+15% Service Tax) per person for participants from India and its equivalent in US Dollars for participants from other countries. The fee includes tuition fees, programme materials, boarding and lodging.

The programme fee should be received by the Executive Education Office latest by **January 09, 2017**. In case of cancellations, the fee will be refunded only if a request is received at least 15 days prior to the start of the programme. If a nomination is not accepted, the fee will be refunded to the person/organisation concerned.



The programme fee can be paid in one of these three ways:

### [A] Electronic Fund Transfer:

1. Name of Beneficiary:  
**Indian Institute of Management, Ahmedabad**
2. Savings Bank A/c No. 9369EEP, YES Bank Limited, C. G. Road Branch, Ahmedabad  
(IFSC: YESB0000007, SWIFT Code: YESBINBB)
3. Name of Remitter: \_\_\_\_\_ (Please mention the name of the sponsoring organisation)
4. Purpose of Remittance:  
**Warehouse Design and Management**
5. IIMA Permanent Account Number (PAN):  
AAATI1247F
6. IIMA Tax Deduction Account Number (TAN):  
AHMI00189A
7. IIMA Service Tax Registration Number:  
AAATI1247FST001

After making the payment, please e-mail us the complete transaction details immediately so that we can link your remittance with your nomination.

### [B] Payment Gateway

Please visit the IIMA website  
([www.iima.ac.in/exed](http://www.iima.ac.in/exed)) for more information.

### [C] Demand draft/ cheque payable at par at Ahmedabad

The cheque/ draft should be in favour of **“Indian Institute of Management, Ahmedabad”** and sent directly to Executive Education Office through courier or speed post.

## Discount

**Early Bird Discount:** Nominations received with payments on or before **January 02, 2017** will be entitled to an early bird discount of 7%. Early submission of fee and nomination does not however guarantee acceptance of the application.

**Group Discount:** Any organisation sponsoring four or more participants will be entitled to a discount of 7% on the total fee payable provided that at least four participants actually attend the programme. Organisations can avail themselves of both the discounts subject to a maximum overall discount of 10%.

Any organisation sponsoring 25 or more participants across all the programmes in one academic year will be entitled to an overall discount of 15% on the programme fee payable.

The above discounts will be applicable only when the requisite numbers of participants actually attend the programmes.

## Alumni Association

Participants who are attending short-duration Executive Education Programmes for the first time on or after April 1, 2012, will have to attend for a total of 21 days in one or more programmes in order to be eligible for alumni status and the alumni identity card, both of which will be awarded on the payment of a one-time alumni fee of INR 10,000.

## Indian Institute of Management, Ahmedabad (IIMA)

IIMA was set up by the Government of India in collaboration with the Government of Gujarat and Indian industry as an autonomous institution in 1961. The Institute provides education, training, consulting and research facilities in management.

### Major Programmes Offered by IIMA

- Two-Year Post-Graduate Programme in Management (equivalent to MBA)
- Two-Year Post-Graduate Programme in Food and Agribusiness Management (equivalent to MBA)
- Fellow Programme in Management (equivalent to Ph.D.)
- One-year Post-Graduate Programme in Management for Executives
- Executive Education Programmes (EEP) for industry, business, agricultural and rural sectors, and public systems covering education, health, transport and population
- Faculty Development Programme for teachers in universities and colleges

The Institute has about 97 faculty members working in the following management areas and sectors:

### Disciplinary Areas and Groups

- Business Policy
- Communications
- Economics
- Finance and Accounting
- Information Systems
- Marketing
- Organisational Behaviour
- Human Resource Management
- Production and Quantitative Methods
- Public Systems Group

### Interdisciplinary Centres

- Centre for Innovation, Incubation and Entrepreneurship
- Centre for Infrastructure Policy and Regulation
- Centre for Management in Agriculture
- Centre for Management of Health Services
- Centre for Retailing
- Gender Resource Centre
- IIMA-Idea Telecom Centre of Excellence
- India Gold Policy Centre
- Insurance Research Centre
- Ravi J. Matthai Centre for Educational Innovation



**Kasturbhai Lalbhai Management Development Centre (KLMDC)** located on the IIMA main campus and the **International Management Development Centre (IMDC)** located on the new campus, provide an academic and learning environment for participants of the Executive Education Programmes. All rooms at KLMDC and IMDC are air-conditioned and have internet connectivity. They have separate dining halls, a reading lounge, classrooms and auditorium (with audio-visual and computer projection facilities), syndicate rooms and computer lab. The campus is Wi-Fi enabled. Recreation facilities exist for indoor and outdoor games (badminton, basketball, billiards, carrom, chess, cricket, football, squash, TT and volleyball). Participants can also take advantage of the Institute's library.



कार्यकारी शिक्षा कार्यक्रम  
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