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PHD CHAMBER
OF COMMERCE AND INDUSTRY



International Exhibition and Conference on **India ExCon**
Air-Conditioning, Refrigeration, Ventilation and Cold Chain

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PHD House, New Delhi

Making the Robust Cold Chain Infrastructure



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ABOUT INDUSTRY

The Indian cold chain industry is rising from a nascent scaffold, making it one of the encouraging fields in the warehousing and logistics industry. Cold storage facilities in India had only been limited mainly to storing perishable horticulture produce such as fruits and vegetables but now have expanded to numerous other products as well. According to the Research and markets new report, India Cold Chain Market is expected to reach US\$ 53.07 Billion by 2027

Indian Cold Chain Industry will grow with double CAGR of 13.66% from 2021 to 2027 due to consumers demand in numerous other products like many biopharmaceutical products, chemicals, flowers, & plants, which are temperature-sensitive commodities requiring a cold chain infrastructure and setting up a robust cold chain infrastructure will be a crucial step in efficiently controlling their supply chains with multipurpose cold storage to catering end-to-end services across the value chain

The pandemic has positively impacted the cold chain industry, fuelling the market for cold chain market. The widening adoption rate of packaged food & beverage products due to restricted trade during the pandemic is an encouraging take and propelled the growth of cold chain in India.

About ARC

- ARC will develop & plan strategies for boosting the sector to prepare for the global competitiveness.
- ARC will showcase the latest technology, products and services in the entire cold chain industry.
- ARC will provide a platform to interact closely with leading global Cold Chain organisations to explore business opportunities
- ARC will share insights to how to build the robust cold chain infrastructure and enhance the entire value chain by making Smarter Cold Chain
- The conference will exchange, the review and discussion of theoretical advances, research results, and industrial experiences, among scientists, researchers, decision makers, practitioners and students dealing with the topics under the umbrella of Cold Chain, Warehousing & Logistics.

EXHIBITOR PROFILE:

Cold Chain Infrastructure

- ❖ Cold Rooms & Allied Equipment
- ❖ Compressors & Condensing Units
- ❖ Conveyors Belts
- ❖ Cooling Towers
- ❖ Customized Flooring
- ❖ Data Loggers & Low Temperature Instruments
- ❖ Dock Levelers
- ❖ Fire & Security
- ❖ Generators
- ❖ Heat Exchangers
- ❖ Humidifiers & Dehumidifiers Equipment
- ❖ Refrigerator in Food Display
- ❖ Portable Refrigerator
- ❖ Refrigeration Equipment in the Laboratory
- ❖ Refrigerated Storage
- ❖ Cryogenic Quick Freezers
- ❖ Cold Storage Door
- ❖ Cold Storage Shelves
- ❖ Temperature Control Technology
- ❖ Pallet & Racks/ Forklift
- ❖ Insulation Materials
- ❖ Cold Chain Monitoring Management System
- ❖ Automatic Identification Equipment
- ❖ Cold Chain Logistics and Procurement System
- ❖ GPS & RFID Management Software

Why To Participate:

- ❖ Perform on a Global Stage
- ❖ Capitalise on an Emerging Market
- ❖ Showcase Your Capabilities
- ❖ Set Yourself Apart
- ❖ Return on Investment
- ❖ Make Powerful Connections
- ❖ Accomplish Your Aims, Faster Than You Imagine



Conference Topics:

Framework for Energy Efficiency

- ❖ New Refrigerants and phasing out ODS and refrigerants with high GWP (Way forward)
- ❖ **Digital Eco System** – Use of Electronic to Conserve and improvement in energy efficiency in Cold-Chain sector.
- ❖ **Technology** – Latest trends in technology and Status Quo of Indian Cold-Chain viz-a-viz use of modern technology
- ❖ Use of Renewal Source of Energy in Cold-chain sector, Present Scenario, Trends and Cost benefit Analysis

Cold Chain Infrastructure & Gaps-Case Studies

- ❖ Status of Controlled Atmosphere Storages' in J&K and HP and future trends and new areas of Development and future requirement
- ❖ Need to Develop Multipurpose multiproduct based cold-chain infrastructure etc.
- ❖ Ripening : Ripening in Infrastructure and its development, importance & Shortcomings
- ❖ What should be the improvement that should be taken into consideration for advancing cold-chain infrastructure and reducing post-harvest losses

Cold Chain Integration, Logistics & processing

- ❖ Necessity of Integration : cold-chain and synergizing it with multimodal transport system necessity for growth & last mile connectivity
- ❖ Need to focus on export of produce and open up new markets – Challenges & opportunities
- ❖ What should be the next step to increase the awareness about procured food, preexist bottleneck both in terms of demand & Infrastructure
- ❖ Govt has also incentivized retail outlets so as to maintain last mile cold-chain. What are the issues that is not allowing organized retail to grow and compliment backend cold chain

Cold Supply Chain

- ❖ Cold Chain Consultants
- ❖ Cold Storage Lease Companies
- ❖ Cold Storage owners
- ❖ IT Support & GPS companies
- ❖ Supply Chain Companies

Cold Transport Equipment and Accessories

- ❖ GPS tracking systems
- ❖ Mobile Generators
- ❖ Mobile refrigeration units
- ❖ Reefer Containers & Vehicles
- ❖ Trucks & Pick up Vans
- ❖ Frozen box/ Warm-box
- ❖ Coolbag/ Ice Bag
- ❖ Thermal Covers

Why to Visit:

- Discuss short-term and long-term capabilities development is with important industry and government speakers who can give you an accurate industry report
- In addition to attending news-making ARC sessions, you will be able to meet with decision makers and successful companies who can help structure benefits for your own organization.
- Identify and monitor the capabilities and required technologies, including identifying those in progress, those planned, and those for which no current plans exist.
- Learn about new programs, learn about what has been done and what is being planned Connect and share knowledge with your peers.
- Meet and build relationships with officials, policy makers and regulators from Central, state and local governments.
- Participate in forums with high-level industry participants and make your voice heard in an interactive dynamic environment

Visitor Profile

- ❖ Food Manufacture & Supply
- ❖ Fruits & Vegetables
- ❖ Meat & Dairy
- ❖ Seafood & Fish
- ❖ Frozen & Chilled Foods
- ❖ Agriculture & Horticulture
- ❖ Wholesale Distribution & Retail
- ❖ Transportation
- ❖ Pharmaceuticals & Healthcare
- ❖ Cold Storage Owners
- ❖ Ports
- ❖ Shipping Companies
- ❖ Horticulture Departments
- ❖ Hotels & Restaurants
- ❖ Pharma Laboratories
- ❖ Pharma Companies
- ❖ Research & Development Organizations
- ❖ Cold Chain Logistics

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