

KEY HIGHLIGHTS AND TAKEAWAYS

FROM

CII
Confederation of Indian Industry

CII Institute of Logistics

INDIA @ 75
a CII initiative


75
Azadi Ka Amrit Mahotsav

Conference on Solution de Technology, Automation & Robotics

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The vision was to build the biggest and best paint plant


5x more budget requirement than initially estimated

The management took the bet

Losses reduced from about 1.5% to 0.2%

THEY HADN'T ENVISAGED THIS HUGE GAIN!





Young people don't want to join manufacturing

They need advanced tools to enable them

Apart from increasing efficiency, Industry 4.0 technologies
will attract young people to manufacturing





Automation results into

Higher scale, increased speed and land saved

Better health of shop floor worker

Higher throughput with lesser manual work and

Significant reduction in losses





Automation will create more high-skill jobs
It is not a means of Manpower reduction

It can give 10x more production with the same plant size and
the same number of workers

The onus lies on the companies and industry fraternity to
educate people to take the first step




Some people change when they see the light

Some people change when they feel the heat


Fail at both, then you meet the fate of the dinosaurs

BECAUSE EVOLUTION IS THE LAW OF NATURE!



Addressing the industry needs of
Technology (T), Automation (A) and Robotics (R)

But if you don't add Solution (S) to it, which must be very
customer-centric & user-centric, all that remains is TAR





To maximize P

Increase Numerator, Decrease Denominator

Things in Numerator

3V's – Volume, Velocity & Visibility

Safety, Working Conditions and Quality

Things in Denominator

Space, Manpower, Cost of Poor Quality





Customer Case

3 Lack SKUs with up to 12% of wrong dispatches

Why are Logistics costs high today?


High Leakages, Multi-point interactions and
Lack of visibility about where things are

On-Road Truck Time

USA – 70-80%, India – 40-50%

NEED FOR MASSIVE IMPROVEMENTS IN INDIA!





Logistics solution providers should partner to solve the specific problems of the customers

MOST CUSTOMERS ARE LOOKING FOR THAT!

KPIs

Speed of delivery

Manpower utilization

Packaging automation





Severe semiconductor supply shortage in COVID time

Now, there is a semiconductor glut – a huge surplus of inventory due to ordering about 3x of the need

For about 95-98% of the time, goods are reaching on time
It is important to fix 2-5% because it is critical for visibility





After 2002,
A lot of Innovation
A lot of Consolidation
Happened in Supply Chain

The Supply Chain is no more a service provider
It has become make or break for businesses

Post GST (2017 onwards), warehousing took off
Automation is starting to take off now





Two Models

Pull – Hasn't worked in India (needs Innovation)

Push – Needs Monopoly

Model effectiveness depends on product type

Push Examples

Consumer FMCG Products (Coca-Cola, Haldiram's, etc.)





Hyundai never stopped producing, even in the peak of COVID

Because they had invested in Industry 4.0 and automation

Only about 16-17 people were able to manage almost the same production from all their plants at different locations

THEY ARE NOW THE MARKET LEADERS!





SPEAKERS AND PANELISTS

- Mr Sangeet Kumar, Co-founder and CEO, Addverb Technologies
- Mr Rishi Diwan, COO TVS Supply Chain Solutions,
- Mr Srinivas Garimella, MD Daifuku Intralogistics,
- Mr Anil Syal, President Safexpress
- Mr Devang Mankodi, VP Shared Service, DP World
- Mr Manish Kumar Gupta, Head Spare Parts Logistics, Honda Cars India
- Mr Rajesh Gupta, Head Supply Chain Management, JK Tyre
- Mr Vikash Kalra, Head Supply Chain Management, Hindware Home Innovation
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Found this insightful?

And looking to leverage Industry 4.0 for your manufacturing
and / or logistics operations in your business?

Reach out to us for a free expert assessment.

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Hope the information is beneficial to your business!

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Your attention is much appreciated!
Thank you.

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