



# Faculty Development Program Report

**Name of the FDP:** “Next-Gen Operations Management: Circular Economy, Industry 5.0 & Sustainable Logistics”

Organized by: KL Business School

**Date(s): 22-09-2025 to 26-09-2025**

## Mode: Online meet

## Day 1: Online Inauguration:



The Faculty Development Program (FDP) on “Next-Gen Operations Management: Circular Economy, Industry 5.0 & Sustainable Logistics” commenced with the inaugural session delivered by Dr. Subhodeep Mukherjee. In his address, he emphasized the importance of integrating sustainable practices with advanced technologies.

to redefine operations management in the era of Industry 5.0. He highlighted how circular economic principles and resilient logistics frameworks can create long-term value for businesses and society. His insights set a constructive tone for the sessions ahead, encouraging participants to explore innovative approaches towards sustainable operations.

#### **HOD Talk:**

**HOD: Dr. S. Ramesh Babu, Head of the Department**, addressed the gathering with a brief 2-minute talk. He welcomed the participants, stressed the significance of the FDP theme for academic and industry relevance, and encouraged faculty to actively engage with the sessions for enhanced learning outcomes.



#### **Resource Person: Dr. Prashanth Beleya**



The Faculty Development Program (FDP) on “*Next- Gen Operations Management: Circular Economy, Industry 5.0 & Sustainable Logistics*” commenced with the inaugural session delivered by **Dr. Subhodeep Mukherjee**, who emphasized the integration of sustainable practices with advanced technologies to redefine operations management in the

era of Industry 5.0. He highlighted the role of circular economic principles and resilient logistics frameworks in creating long-term value for businesses and society. Following this, **Dr. S. Ramesh Babu, Head of the Department**, addressed the gathering with a brief 2-minute talk. He welcomed the participants, underlined the importance of the FDP theme in the current academic and industrial context, and motivated faculty members to engage actively in the sessions. The technical session was conducted by the resource person, **Dr. Prashanth Beleya**, who delivered an insightful one-hour lecture. He elaborated on emerging trends in operations management, the practical applications of circular economy, and the transition toward Industry 5.0-driven sustainable logistics. His detailed session provided participants with both conceptual understanding and real-world perspectives, sparking meaningful discussions and engagement.

Stay in the know. Turn on desktop notifications. Turn on

Activity 56:05 Chat People Raise React View Apps More Camera Mic Share Leave

Participants

Type a name Share invite

In this meeting (95) Mute all

BP Bachina Lakshmi Priya AP A. Priya (Unverified) AM aburi mahesh (Unverified) AG ABRAHAM GUTTULA (External)

Prashanth Belava Ts. Dr. (External)

VALUE CREATION

The diagram illustrates the concept of Value Creation through six interconnected states:

- Captured:** I give and I get a return
- Missed:** I give but don't get a return
- Destroyed:** I give but you don't want
- Surplus:** I give or have too much
- Absence:** You want but I don't give
- Opportunity:** I discover new value

Value is at the center, with arrows indicating the flow between these states.

Value uncaptured

Stakeholder → Planet People Profit

Value uncaptured			Living systems	Earth resources	Employees	Customers and end users	Society	Government, NGOs	Owners/shareholders	Suppliers
Missed	We've created it...	...but we don't capture value from it	Food waste							
			Employee skills underused Surplus stock Selling non-seasonal food from distant sources Change in land use for outlets and logistics infrastructure Water run-off from buildings							
Destroyed	What we create...	...has a negative impact	Fossil fuel extraction (and mining waste) Pollution: air, water, soil (and clean up costs/taxes) Demotivation eq zero hours contract, low pay Noise – operations and vehicles Accidents Non-reusable packaging (and taxes)							
			Inefficient back door systems							
Absent	There is a need...	...but we fail to deliver it	Temporary lack of labour/materials Packaging does not biodegrade Limited learning and development Limited career prospects (~ demotivation/high staff turnover) Inconsistent service level							
Surplus	We create this...	...but it's not needed	Low productivity / idle time Next-day delivery for three-day lead time Labour overcapacity Excess packaging Selling less than we could							

s. Dr. (External) — +

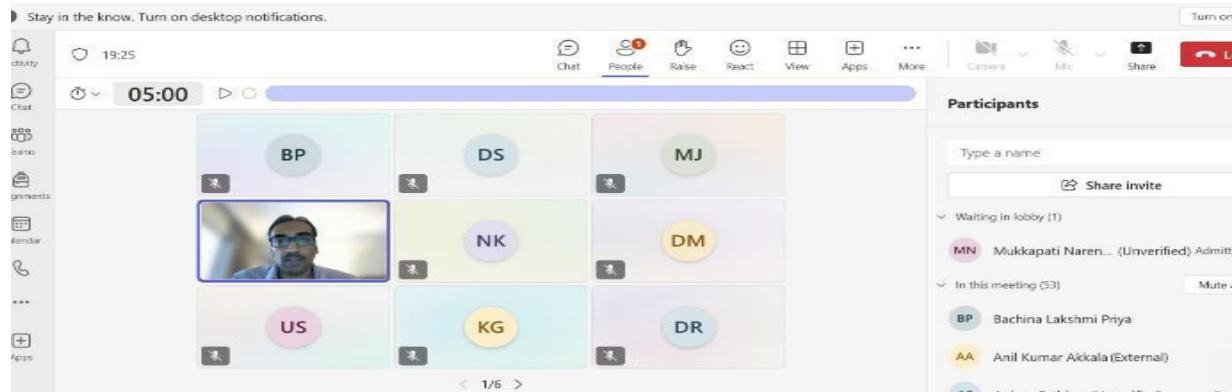
# AREAS OF FOCUS – FUTURE

- Sustainable Infrastructure
- Digital Innovation
- Design & Services
- Regulatory Excellence
- People Mobility

## Day 1 vote for thanks

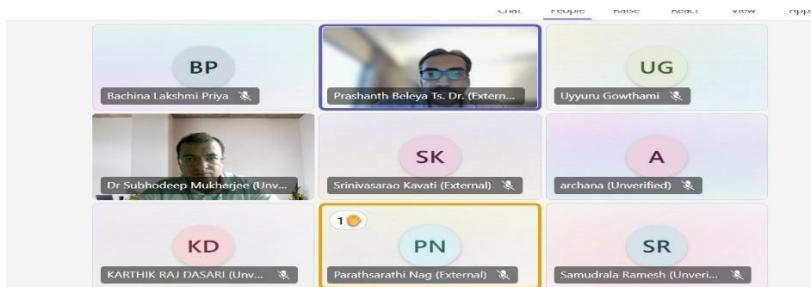
The Day 1 session concluded with a Vote of Thanks proposed by the organizing team. They extended heartfelt gratitude to the resource person, **Dr. Prashanth Beleya**, for delivering an engaging and insightful one-hour session. Appreciation was also conveyed to all participants for their active involvement and support. The team expressed hope that the upcoming sessions of the FDP would be equally enriching and impactful.

## Day 2:





### Vote for Thanks:



The Day 2 session concluded with a Vote of Thanks proposed by the organizing team. They extended heartfelt gratitude to the resource person, **Dr. Prashanth Beleya**, for delivering an engaging and insightful one-hour session. Appreciation was also conveyed to all participants for their active involvement and support. The team expressed hope that the upcoming sessions of the FDP would be equally enriching and impactful.

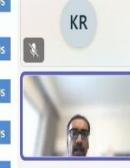
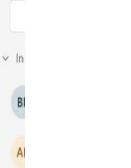
### Day-3:



Exploring Malaysia's Logistics Sector



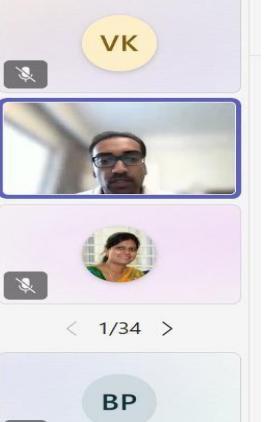
**Shaping Industrial Landscape**

Established-1967	Global Network-21	Shaping Industrial Landscape
		2020s Digital Economy, Industry 4.0, E-Commerce, ESG
		2010s Innovation, ETP & High Income
		2000s Services & Economic Corridors
		1990s Technology-Intensive
		1980s Resource-Based & Heavy Industries
		1970s Export Oriented & Labour Intensive
		1960s Import Substitution

State Offices-12  
Prashanth Beleya Ts. Dr. (External)

## Q&A (Last 5 min Discussion with participants)





## Vote for Thanks:

BP

Bachina Lakshmi Priya

DM

Dr Subhodeep Mukherjee (Univ...)

Prashanth Beleya Ts. Dr. (External)

B Sahiti

BS

Sankar Siddhartha (External)

A Priya

Ch Venu Gopala Rao

CR

MALYAVANTHAM SRI LAKS...

< 1/10 >

**Participants**

Type a name

Waiting in lobby (1)

MS Mohammad

In this meeting (89)

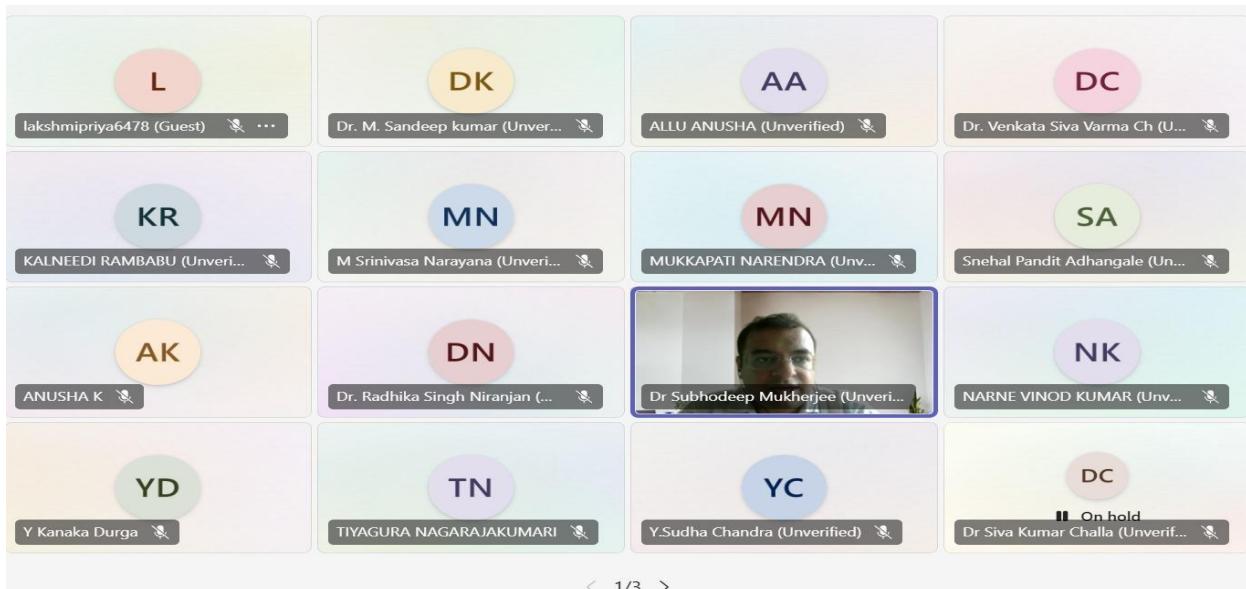
BP Bachina Laks

A Priya

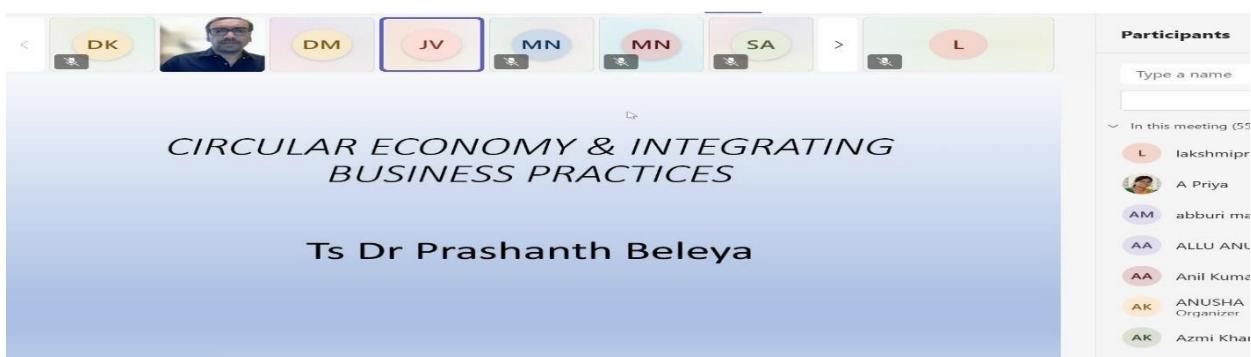
The Day 3 session concluded with a Vote of Thanks proposed by the organizing team. They extended heartfelt gratitude to the resource person, **Dr. Prashanth Beleya**, for delivering an engaging and insightful one-hour session. Appreciation was also conveyed to all participants for their active involvement and support. The team expressed hope that the upcoming sessions of the FDP would be equally enriching and impactful.

## Day 4:

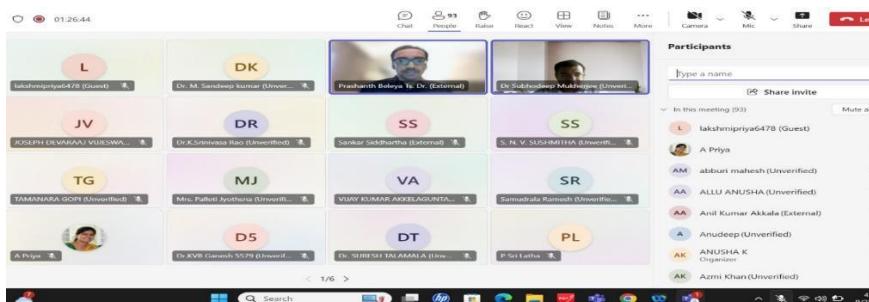
Session starts:



Topic : Circular Economy & Integrating Business Practices

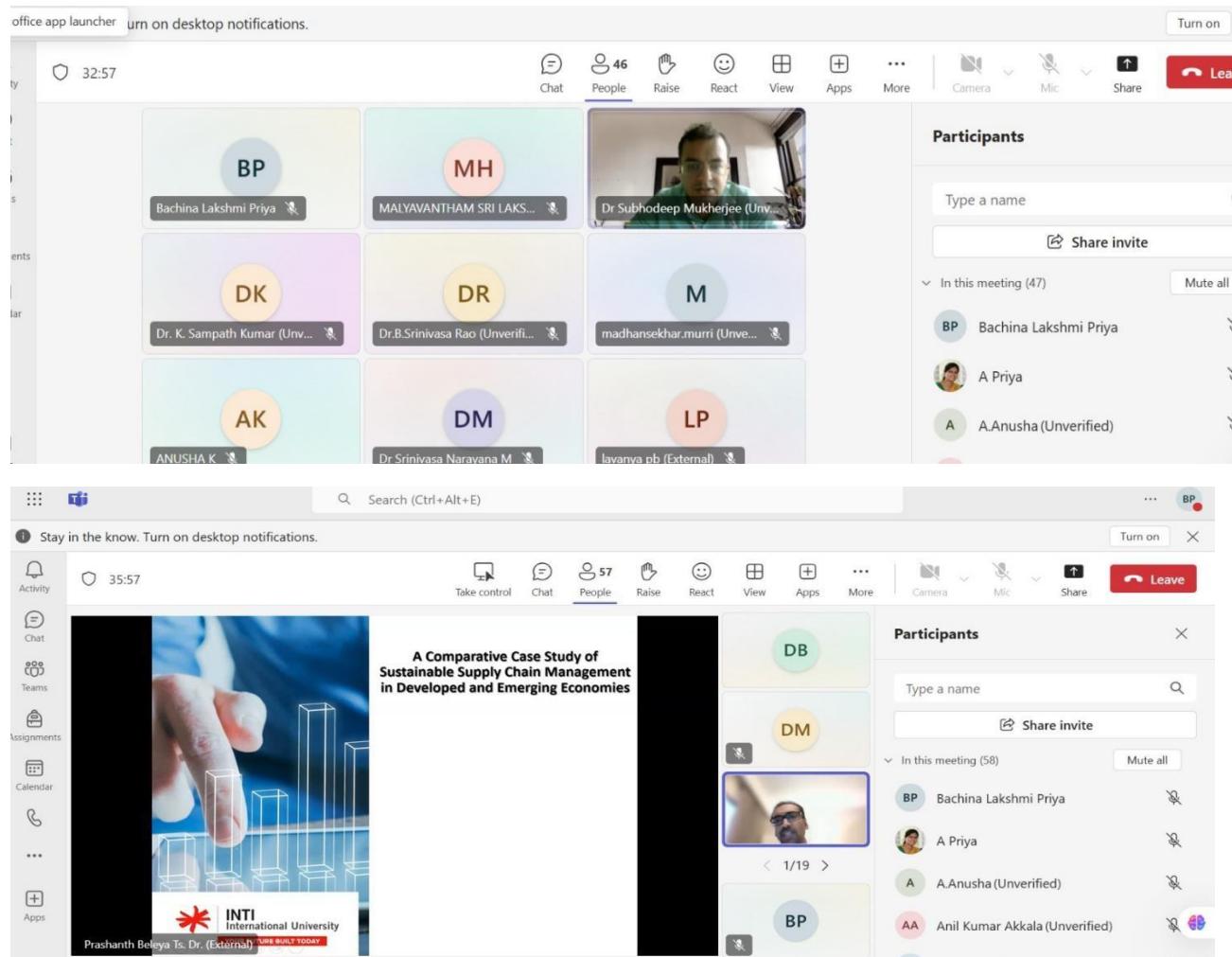


Vote for Thanks:



The Day 4 session concluded with a Vote of Thanks proposed by the organizing team. They extended heartfelt gratitude to the resource person, **Dr. Prashanth Beleya**, for delivering an engaging and insightful one-hour session. Appreciation was also conveyed to all participants for their active involvement and support. The team expressed hope that the upcoming sessions of the FDP would be equally enriching and impactful.

## Day 5: Case study Discussion



The image shows two screenshots of a Microsoft Teams video call interface. The top screenshot displays a grid of participant icons and names, with one participant, Dr. Subhodeep Mukherjee, shown in a video feed. The bottom screenshot shows a shared slide titled "A Comparative Case Study of Sustainable Supply Chain Management in Developed and Emerging Economies" with a bar chart graphic. The slide is presented by Prashanth Beleya, Ts. Dr. (External) from INTI International University.

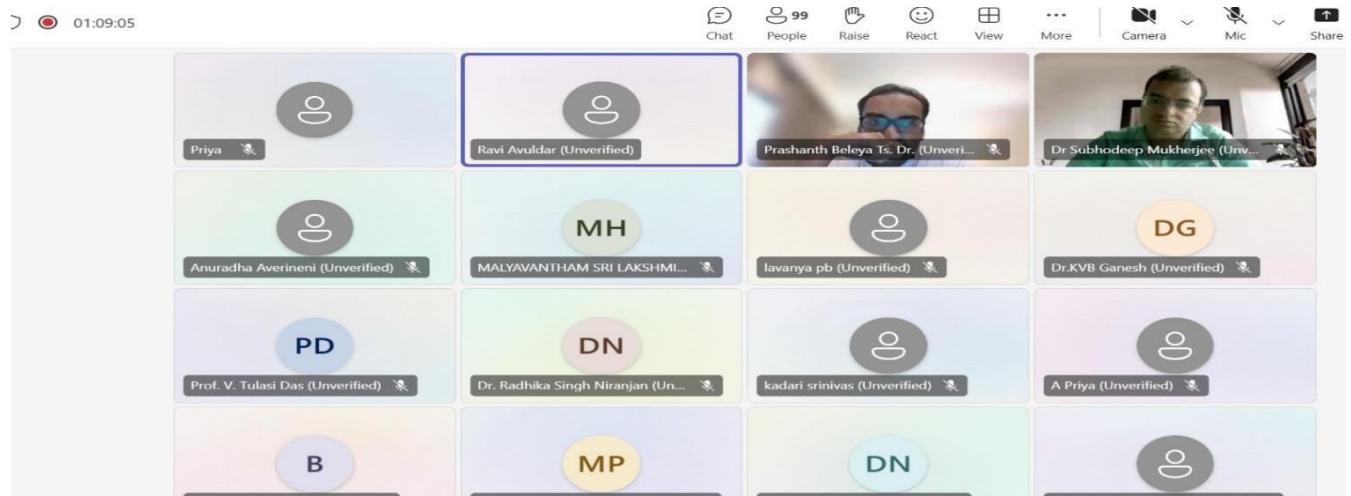
**Participants (Top Screenshot):**

- BP: Bachina Lakshmi Priya
- MH: Malyavantham Sri Laks...
- Dr Subhodeep Mukherjee (Univ...
- DK: Dr. K. Sampath Kumar (Univ...
- DR: Dr.B.Srinivasa Rao (Univerfi...
- M: madhanselkhar.murri (Unive...
- AK: ANUSHKA K
- DM: Dr Srinivasa Narayana M
- LP: lavanya pb (External)

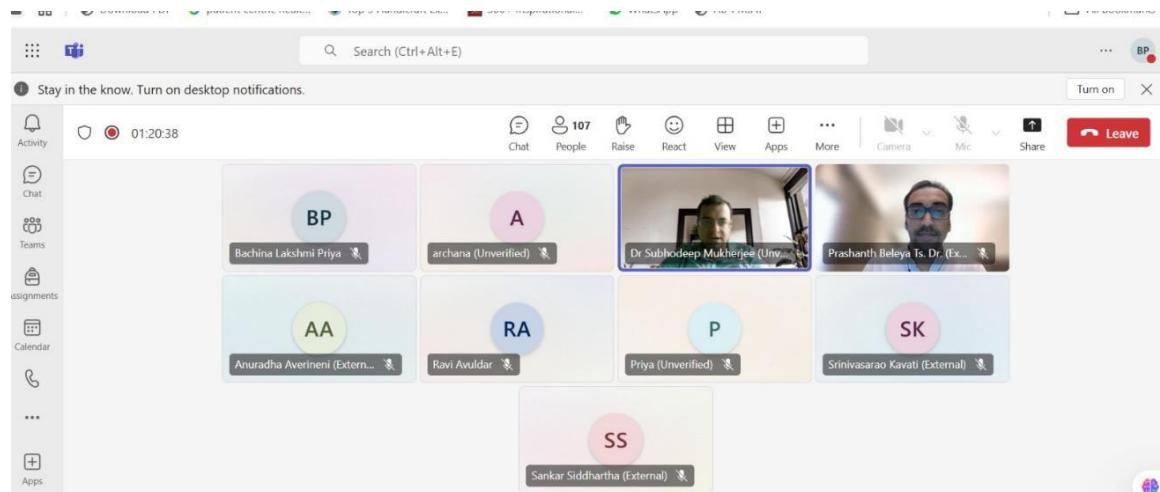
**Participants (Bottom Screenshot):**

- BP: Bachina Lakshmi Priya
- A Priya
- A. Anusha (Unverified)
- AA: Anil Kumar Akkala (Unverified)

## Q&A Session:



## Final Vote for thanks:



The Faculty Development Program on “**Next-Gen Operations Management: Circular Economy, Industry 5.0 & Sustainable Logistics**” successfully concluded on 26th September 2025 with an insightful case study discussion and engaging Q&A session.

On behalf of KL Business School, I extend my deepest gratitude to our esteemed resource person, **Dr. Prashanth Beleya**, for his consistent dedication and enriching sessions throughout the FDP. His thought-provoking lectures, real-world insights, and interactive discussions have added immense value to the participants’ learning journey.

A special note of thanks goes to organizer **Dr. Kanagala Anusha** & Head of the Department, **Dr. S. Ramesh Babu**, and for his constant guidance, encouragement, and support in making this FDP possible.

We are also grateful to all the participants who joined from different institutions and actively contributed to the success of this program through their engagement, questions, and enthusiasm.

With this, we formally bring the FDP to a close, carrying forward the knowledge, insights, and inspiration gained during these sessions.

### **Participants List:**

#### **Link:**

[\*\*FDP Participants final list.xlsx\*\*](#) Sample

#### **Certificate:**



-----Thank you -----