

Maharaja Surajmal Institute of Technology
Department of Computer Science and Engineering

Report on Industry Interaction Session on Celonis

Name of the Expert	Poonima Dhall, Celonis
Date and Time	19-03-2026, 10:30AM-11:30PM
Target Audience	B.Tech students
Total Students	110
Organized By	CSE Department

Introduction

On 19th March 2026, CSE department, MSIT , organized an seminar on “Industry Interaction Session on **Celonis**, the global leader in **Execution Management** and **Process Mining**. This seminar aimed to bridge the gap between academic theory and industrial application. The session moved from theoretical definition of a process to practical application of the **Celonis Execution Management System (EMS)**, emphasizing how data-driven insights can bridge the gap between how processes are designed and how they actually run.

Objective of the Session:

The primary goals of this session were:

- **To Understand Process Mining:** Define how Celonis uses data from ERP and CRM systems to create a "digital twin" of business processes.
- **To Identify Inefficiencies:** Learn how to spot "shadow processes," bottlenecks, and manual workarounds that hinder productivity.
- **To Explore Career Pathways:** Gain insight into the roles of Process Analysts and Celonis Consultants in the modern job market.
- **Practical Demonstration:** Observe real-time dashboards and the Celonis EMS (Execution Management System) in action.



Session Highlights

I. Process Mining Theory & Fundamentals

The session defined a process as a collection of structured activities (e.g., a "Pizza Order-to-Delivery" flow). A key takeaway was the visual contrast between the **Ideal Process Design** vs. **Reality**. While enterprises think their processes run linearly, the Celonis "Digital Twin" reveals a complex web of deviations that occur in real-world activities.

II. Data Requirements for Mining

For a business to be "process mining ready," it must provide three essential data points from its event logs:

1. **Unique Identifier (Case ID):** To track a specific "job" from start to finish.
2. **Activity Name:** To represent the specific task being executed.
3. **Timestamp:** To record the exact date and time of completion, allowing for duration and bottleneck analysis.

III. The Celonis Platform Architecture

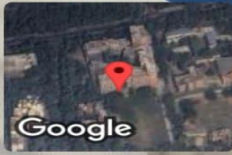
The session showcased the **Celonis Platform** as a multi-layered ecosystem:

- **Data Core:** Secure extraction of data from source systems (SAP, Salesforce).
- **Process Intelligence Graph:** Enriches raw data with business context.
- **AI & Automation Layer:** Utilizes AI Agents and "Action Flows" to automate business operations and coordinate people and systems.

IV. The Rising Stars Learning Path

The program outlines a clear certification journey:

Level 1 & 2: Process Mining Fundamentals (~9 hours).



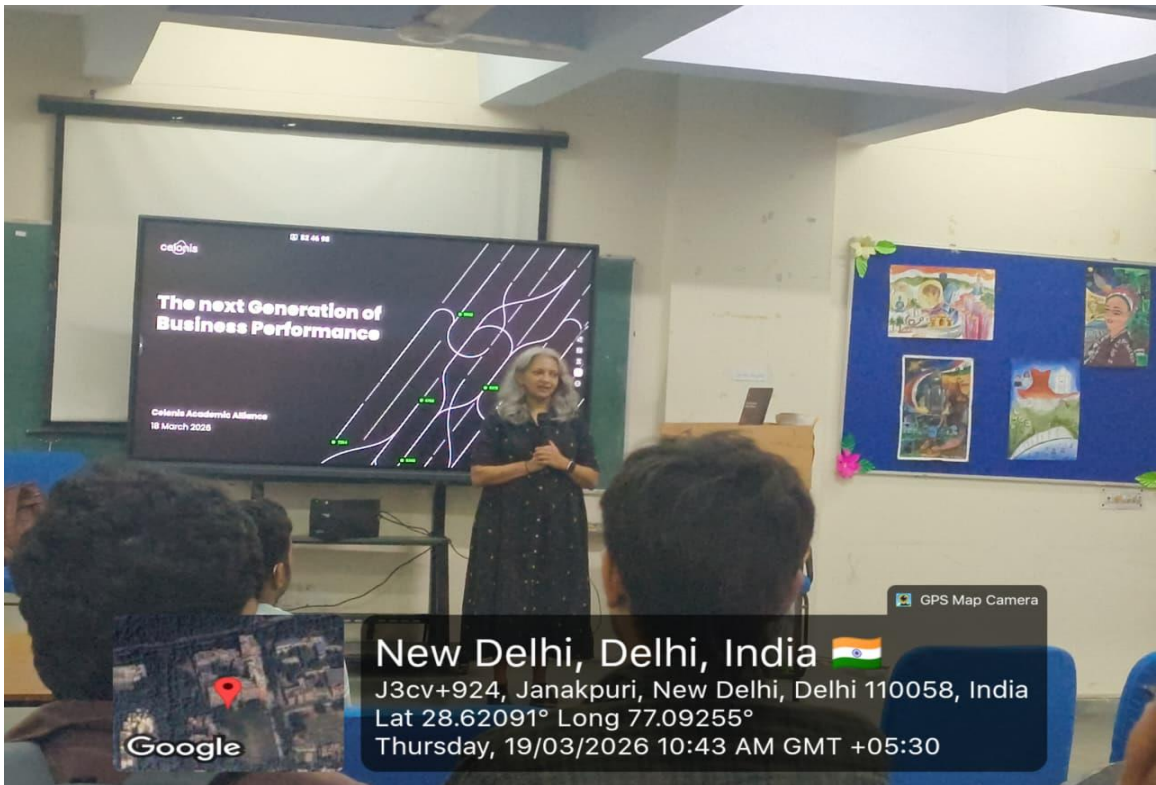
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J3cv+924, Janakpuri, New Delhi, Delhi 110058, India

Lat 28.620983° Long 77.092556°

Thursday, 19/03/2026 10:43 AM GMT +05:30

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Level 3: Specialized pathways (Business, Technical, or Automation) ranging from 19 to 24 hours.**Level 4:** Consultant Bootcamp to earn the "Celonis Consultant" badge.

Conclusion

The session successfully demonstrated that Celonis is more than just a visualization tool; it is a comprehensive **Execution Management System**. By mastering the ability to derive root causes and quantify business impact, participants are positioned to become "Rising Business Stars." The transition from theoretical Process Mining to AI-driven operations represents a significant shift in how modern enterprises maintain their competitive edge. The Department of Computer Science Engineering extends its sincere gratitude to Ms.Poornima Dhall from the Celonis for conducting an insightful and engaging session.

Faculty Co-coordinators

Dr. Kavita Sheoran

Dr. Sapna Malik

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HOD CSE (First Shift):

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