

Event Details	
Event Type	Career Counseling
Topic	Mastering Aviation Operations: Real-Time Analytics and Data-Driven Decision-Making
Date	2024-12-26 to 2024-12-27
Mode	Online
Organizer Name	Dr. Nayhel Sharma, Department of SCM & General Management
Resource Person	Pankaj Mathur CEO
No. of Participants	65
SDG No	SDG 4: Quality Education, SDG 17: Partnership for the Goals

Objective:

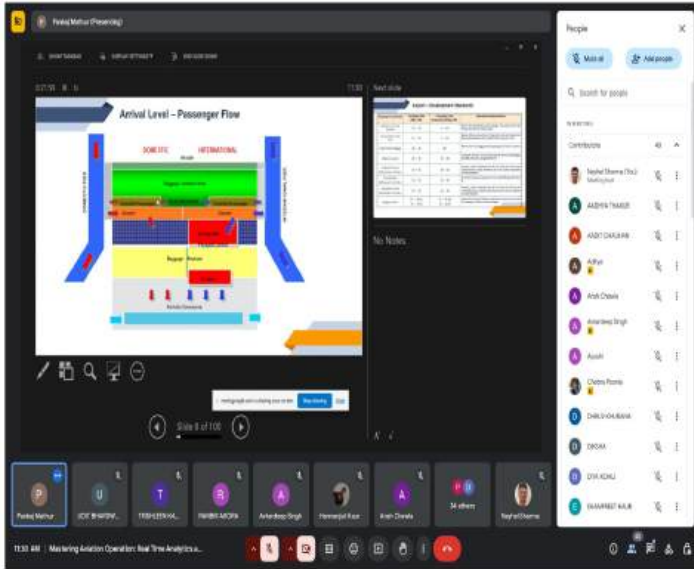
- To help students gain insights into optimizing airport operations and resource management.
- To help students learn how real-time analytics improves decision-making in aviation.
- To help students understand sustainable practices in airside and ground operations.
- To help students explore practical applications of predictive maintenance and cost efficiency.
- To help students develop skills to tackle operational challenges using data-driven strategies.

Description:

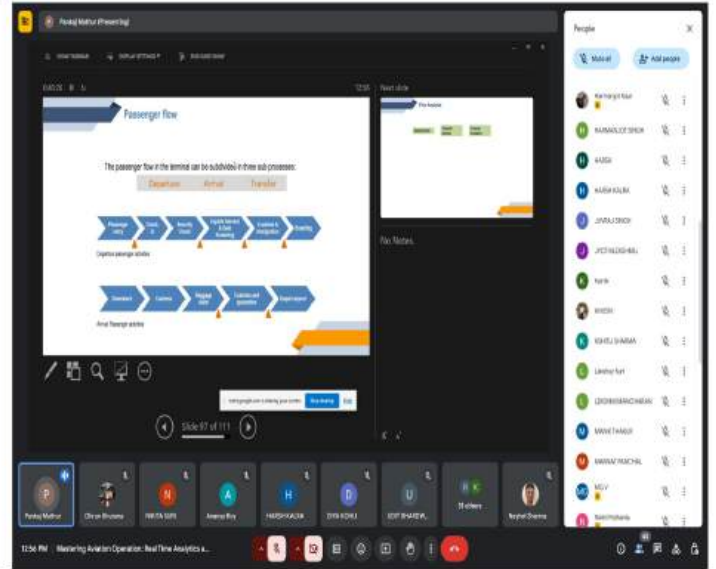
The first day of the two-days Session, "Mastering Aviation Operations: Real-Time Analytics and Data-Driven Decision-Making" was conducted on December 26, 2024, at Chitkara Business School, Chitkara University, Punjab. Led by Mr. Pankaj Mathur, CEO of Aerotech, the session aimed to equip BBA Aviation Management students of the 2023 and 2024 batches with insights into modern aviation operations, emphasizing data-driven strategies and real-time analytics. The session began with an introduction to Mr. Mathur's extensive industry experience and vision for leveraging aviation technology. The initial discussion focused on airport capacity management and the significance of public-private partnerships (PPP) in ensuring efficient operations and infrastructure development. Highlighting the importance of diversified revenue sources, Mr. Mathur detailed aeronautical and non-aeronautical income streams, stressing how airports can sustain financial stability.

Outcomes:

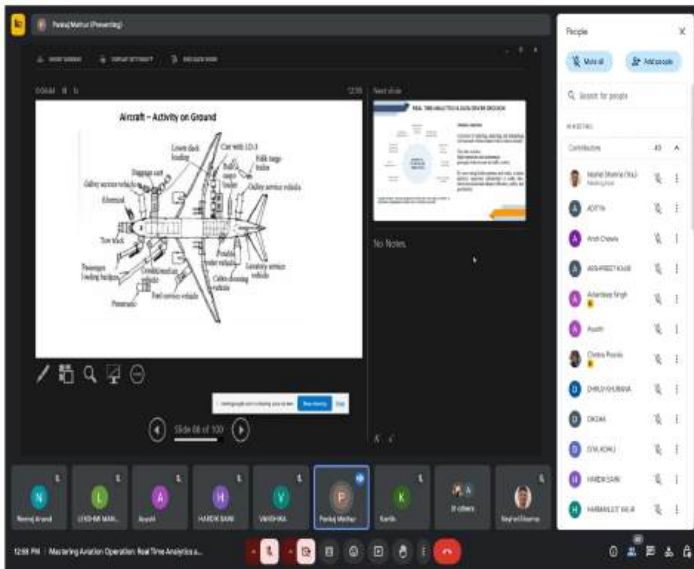
- Students identified key operational areas in aviation, such as airport capacity management, passenger flow optimization, and turnaround time.
- Students explained the application of real-time analytics in improving decision-making for fuel efficiency, route planning, and cost management.
- Students demonstrated an understanding of sustainable practices like taxibots and ICAO's CORSIA initiative in aviation operations.
- Students analyzed the impact of predictive maintenance and fraud detection on the efficiency and safety of aviation operations.



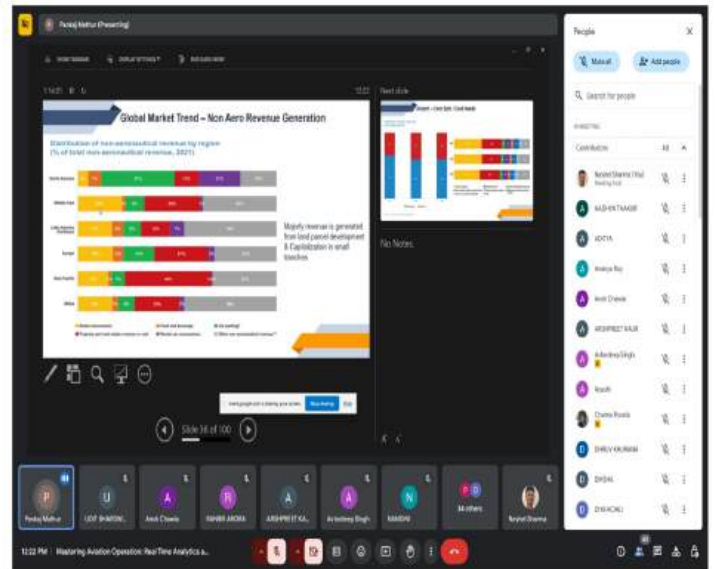
Trainer addressing the students (26-12-2024)



Student clearing his doubt during session (27-12-2024)



Presentation screenshot of the workshop (27-12-2024)



Screenshot of the Training (26-12-2024)