

 **Day 5 – Friday, March 13, 2026**

Theme: Strategic Integration & Future Directions



राजीव गाँधी राष्ट्रीय विमानन विश्वविद्यालय
RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

Fursatganj, Amethi- 229302, Uttar Pradesh, India

Website: www.rgnau.ac.in



5-Day Residential MDP Schedule (9:00 a.m. – 6:00 p.m.)



Theme: Application of AI & Agentic AI in Aviation Management

Dates: March 9–13, 2026

Venue: RGNAU, Fursatganj, Amethi (UP)

Program Summary

Key Feature	Details
Total Duration	5 Days (Residential, 9:00 a.m. – 6:00 p.m.)
Pedagogy	Lectures, Case Studies, Workshops, Simulations, Panels
Faculty	RGNAU Professors + Senior Industry Practitioners
Outcome	Strategic AI Adoption Plan for Aviation Organizations
Deliverables	Certificate of Participation, Program Kit, Networking Opportunities



SCAN ME

REGISTER
NOW

Registration & Contact

Nominations Invited From:
Airlines, Airports, MROs, Regulators, and Aerospace Organizations

Fee per Participant: ₹30,000 (Residential & All-Inclusive)

Includes accommodation, meals, course materials, and training sessions.

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👤 Contact Person: Dr. Anup Kumar, Associate Professor, RGNAU



Day 1 – Monday, March 9, 2026

Theme: AI Foundations & Aviation Context

Time	Activity / Session	Facilitator
09:00 – 09:30	Registration & Welcome Tea	MDP Secretariat
09:30 – 10:15	Inaugural Session & Program Orientation	VC/Dean (SW) / Program Director
10:15 – 11:30	Session 1: Introduction to AI & Agentic AI – Concepts, Evolution & Industry Impact	Dr. Anup Kumar
11:30 – 11:45	Tea Break	–
11:45 – 13:15	Session 2: AI Landscape in Global Aviation – Trends & Opportunities	Guest Speaker (DGCA / MoCA)
13:15 – 14:15	Lunch Break	–
14:15 – 15:45	Session 3: AI in Airline Operations – Predictive Maintenance & Safety Analytics	RGNAU Faculty
15:45 – 16:00	Tea Break	–
16:00 – 17:30	Session 4: Case Study: Lufthansa & Air India – Data-to-Decision Systems	RGNAU Faculty
17:30 – 18:00	Reflection & Q&A Discussion	Program Coordinator
19:30 – 21:00	Networking Dinner	Participants & Faculty



Day 2 – Tuesday, March 10, 2026

Theme: Agentic AI & Smart Aviation Systems

Time	Activity / Session	Facilitator
09:00 – 10:30	Session 5: <i>Agentic AI – Concept, Architecture & Decision-Making Frameworks</i>	Guest Expert (AI Specialist)
10:30 – 10:45	Tea Break	–
10:45 – 12:15	Session 6: <i>Applications in Air Traffic Management & Airport Operations</i>	Speaker from AAI / GMR Operations
12:15 – 13:15	Lunch Break	–
13:15 – 14:45	Session 7: <i>Human–Machine Collaboration in Aviation Environments</i>	Dr. Anup Kumar
14:45 – 15:00	Tea Break	–
15:00 – 16:30	Session 8: <i>Workshop: Visualizing Aviation Data using AI Tools (Power BI / Tableau)</i>	RGNAU Lab Instructor
16:30 – 17:30	Group Discussion: <i>How Agentic AI can reshape Aviation Roles</i>	Facilitator
17:30 – 18:00	Daily Wrap-Up & Insights Sharing	Program Chair



Day 3 – Wednesday, March 11, 2026

Theme: AI in Revenue, Marketing & Customer Experience

Time	Activity / Session	Facilitator
09:00 – 10:30	Session 9: <i>AI in Airline Revenue Management & Dynamic Pricing</i>	Faculty (School of Management)
10:30 – 10:45	Tea Break	—
10:45 – 12:15	Session 10: <i>Case Study: IndiGo & Emirates – Revenue Optimization Models</i>	RGNAU Faculty
12:15 – 13:15	Lunch Break	—
13:15 – 14:45	Session 11: <i>AI-Driven Customer Experience – Chatbots, Loyalty, and Personalization</i>	Airline CRM Head
14:45 – 15:00	Tea Break	—
15:00 – 16:30	Session 12: <i>Hands-On Workshop: Designing AI-Enabled Passenger Journey Maps</i>	Facilitator / Group Work
16:30 – 17:30	Panel Discussion: <i>The Future of Smart Aviation Marketing</i>	Industry + Faculty
17:30 – 18:00	Summary Reflection	Program Coordinator



Day 4 – Thursday, March 12, 2026

Theme: AI Data, Governance & Ethics in Aviation

Time	Activity / Session	Facilitator
09:00 – 10:30	Session 13: <i>Building AI Data Infrastructure & Digital Twins for Aviation</i>	Expert (Honeywell / Collins Aerospace)
10:30 – 10:45	Tea Break	—
10:45 – 12:15	Session 14: <i>Ethics, Bias, and Transparency in AI Decision Systems</i>	RGNAU Faculty (Ethics in Technology)
12:15 – 13:15	Lunch Break	—
13:15 – 14:45	Session 15: <i>Regulatory & Policy Framework for AI in Indian Aviation</i>	DGCA / MoCA Panel
14:45 – 15:00	Tea Break	—
15:00 – 16:30	Session 16: <i>Simulation: Managing AI Risks in Airline Operations</i>	Group Simulation
16:30 – 17:30	Interactive Debrief & Risk Mitigation Discussion	RGNAU Faculty
17:30 – 18:00	Daily Reflection & Feedback	Program Team