राजीव गांधी राष्ट्रीय विमानन विश्वविद्यालय
RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

UDAAN

नागर विमानन मंत्रालय
MINISTRY OF CIVIL AVIATION

ABHYUDAYA

Chasing the Singularity of Excellence

RULE BOOK

SMART CITY INNOVATION CHALLENGE

1. About the Challenge

The Smart City Innovation Challenge aims to encourage students to design innovative, implementable, and sustainable solutions for urban problems using technology, design thinking, and interdisciplinary approaches. The challenge promotes creativity, problem-solving, teamwork, and presentation skills aligned with real-world smart city needs.

2. Focus Domains / Themes

Participants may choose one or more of the following domains:

- Smart Transportation & Mobility
- Waste Management & Circular Economy
- Smart Water Management
- Renewable Energy & Energy Efficiency
- Urban Safety & Surveillance
- Smart Healthcare

3. Eligibility

- Open to all undergraduate students from any discipline
- Team size: 1–4 participants
- Interdisciplinary teams are encouraged
- Each participant must carry a valid student ID during registration/presentation

4. Competition Format

Round 1: Design Concept Submission (Online)
Format: PPT or PDF submission
Content Requirements:

- Problem statement and short introduction
- Conceptual sketches / design diagrams
- Logic / flow diagrams explaining working (if applicable)
- Brief explanation of feasibility and potential impact

Submission Guidelines:
File type: PPT or PDF

राजीव गाँधी राष्ट्रीय विमानन विश्वविद्यालय
RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

ABHYUDAYA

UDAAN 2K26

नागर विमानन मंत्रालय
MINISTRY OF CIVIL AVIATION

Round 2: Final Pitch Presentation (Offline)

- **Format:** Live presentation before judges
- **Duration:** 10 minutes presentation + 5 minutes Q&A
- **Visual aids:** PPT slides, diagrams, prototypes, or videos encouraged

Shortlisted teams from Round 1 will refine their concepts with detailed research, technical specifications, and implementation strategy.

5. Evaluation Criteria

Round 1 Evaluation

- Relevance to Smart City Theme – 20%
- Innovation & Originality – 20%
- Feasibility & Practicality – 20%
- Design Quality & User-Friendliness – 30%
- Clarity & Structure – 10%

Round 2 Evaluation

- Content & Technical Depth – 40%
- Innovation – 20%
- Feasibility & Scalability – 20%
- Presentation Skills – 10%
- Clarity, Coherence & Q&A – 10%

6. Objective of Final Round

Expand the initial idea into a detailed and implementable solution
Integrate research, technical design, and implementation roadmap
Explain environmental, social, and economic impact
Highlight industry relevance and benefits

7. Judging Parameters

- Understanding of the urban problem
- Uniqueness and innovation of the solution
- Technical and commercial viability
- Sustainability and long-term impact
- Communication skills and confidence during Q&A

8. Winner Determination

Winners will be decided based on:

- Total cumulative score across round
- Overall impact and presentation quality
- Top teams will be awarded certificates, prizes, and recognition.

राजीव गाँधी राष्ट्रीय विमानन विश्वविद्यालय
RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

ABHYUDAYA

UDAAN 2K26

नागर विमानन मंत्रालय
MINISTRY OF CIVIL AVIATION

9. General Rules

- Plagiarism will lead to immediate disqualification
- All decisions by the judging panel are final
- Organizers reserve the right to modify rules if required

10. Venue

- Round 1: Online (PPT/PDF Submission)
- Round 2: On-Campus / Offline (Rajiv Gandhi National Aviation University)

11. Disclaimer

- The organizers reserve the right to modify, reschedule, or cancel the event if required
- Separate passes or permissions may be required for participants from other institutions
- Any change in rules or schedule will be communicated of oficially

12. Contact Details (Point of Contact)

Event Coordinator:

- Name: Atifa Parveen
- Phone: 7081405113
- Email: 25AE114005@rgnau.ac.in

- Name: Priyanshi Yadav
- Phone: 8103097302
- Email: 25AE114023@rgnauac.in

"No fears. No limits. Technological domination. Good luck!"

राजीव गाँधी राष्ट्रीय विमानन विश्वविद्यालय
RAJIV GANDHI NATIONAL AVIATION UNIVERSITY

ABHYUDAYA

UDAAN 2K26

नागर विमानन मंत्रालय
MINISTRY OF CIVIL AVIATION