



# National Aviation Olympiad 2026

*Joint Aviation Outreach Collaboration Proposal*

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**Centre for Scientific Outreach**

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## 1. About the Centre for Scientific Outreach (CSO)

The **Centre for Scientific Outreach (CSO)** is a national-level not-for-profit organization committed to promoting scientific awareness, STEM education, and emerging technology exposure among students across India. CSO works closely with educational institutions, industry professionals, and academic partners to design programs that bridge the gap between classroom learning and real-world scientific and technological applications.

Through structured initiatives, hands-on programs, and large-scale outreach efforts, CSO focuses on nurturing curiosity, building foundational understanding, and inspiring students especially from Tier 2, Tier 3, and rural regions to explore future-ready careers in science and technology.

## 2. Why Aviation? The National Imperative

India is currently the **3rd largest aviation market globally** and is projected to become the fastest growing over the next two decades. Consider these figures:

Indicator	Data
<b>Aviation Market Size (2023)</b>	USD 12.58 Billion
<b>Projected Market Size (2030)</b>	<b>USD 26.54 Billion</b>
<b>New Jobs Required by 2040</b>	<b>1.1 Million+</b>
<b>Pilots Needed by 2030</b>	31,000+
<b>Technicians Needed by 2030</b>	26,000+

Despite this explosive growth trajectory, school-level exposure to aviation careers remains critically limited. Most students particularly in Tier 2, Tier 3, and rural India are unaware of the vast career opportunities beyond becoming a pilot. NAO addresses this gap at the grassroots level.

## 3. About the National Aviation Olympiad (NAO) 2026

The **National Aviation Olympiad (NAO)** is India's **1st Pan-India aviation-focused Olympiad** exclusively designed for school students from **Grades 8 to 12**. NAO introduces students to aviation, aerospace, drones, and emerging air mobility technologies at an early stage while highlighting career pathways in these domains.

### 3.1 Program Reach & Impact

Parameter	Target
<b>Target Schools</b>	<b>10,000+ across 28 States &amp; 8 UTs</b>
<b>Direct Student Participants</b>	<b>100,000+</b>
<b>Indirect Engagement (Parents &amp; Educators)</b>	250,000+
<b>Expert Committee Members</b>	100+ (Academia, Industry, Policy)
<b>National Finalists</b>	145 (from all States & UTs)



### 3.2 Olympiad Structure (Three Phases)

Phase	Format	Timeline	Outcome
<b>Phase 1</b>	Online Screening Test at school level (60 MCQs, 90 Marks)	August 2026 (Zone-wise: 19–23 Aug)	Top 3 per school per grade advance
<b>Phase 2</b>	State/UT Rounds (90 MCQs + 2 Subjective, 250 Marks)	October 2026 (3rd week)	Top 5 per State/UT advance
<b>Phase 3</b>	National Grand Finale in New Delhi (Practical Quizzes & Viva)	<b>7 December 2026</b>	National Winners declared

### 3.3 Awards & Recognition for Participating Students

NAO offers substantial recognition at every level, making it highly attractive for schools and students:

Level	Awards	Applicable To
<b>All Participants</b>	Digital Certificate + Lifetime NAO newsletters + 20% discount on future editions	Every registered student
<b>School Toppers</b>	Physical Certificate of Achievement signed by 100+ Expert Committee members	Top 3 (Middle) & Top 3 (Higher) per school
<b>State/UT Winners</b>	<b>Cash prizes up to ₹10,000</b> + Medal + 2-month internship coupon in aviation firms/airports	Top 5 per State/UT
<b>National Winners</b>	<b>Cash prizes up to ₹1,00,000</b> + Trophy + Free college education scholarships through NAO partners	Top 5 National per grade
<b>National Finalists</b>	<b>Fully paid DGCA Drone Pilot License</b> training + Aviation Learning Kits + Exposure trips to airports/ATC towers	All 145 finalists

## 4. Purpose of College Aero Club Collaboration

To ensure widespread, practical, and regionally relevant aviation outreach, CSO seeks to collaborate with **college-level Aero Clubs and Aviation Societies** that are actively engaged in aero-modelling, drones, aviation projects, and technical education initiatives.

College Aero Clubs serve as strong **local enablers** within the aviation education ecosystem. With their technical expertise, student leadership, and regional presence, these clubs are well-positioned to take aviation awareness directly to school students in a way that is both relatable and impactful.

A key objective is to enable outreach that is **locally contextualized**, including conducting workshops or awareness programs in **regional or local languages** to improve understanding and engagement among school students, particularly in Tier 2, Tier 3, and rural areas.

#### 4.1 Types of Outreach Activities

Through this collaboration, Aero Clubs may design and conduct a variety of aviation-focused outreach programs, such as:

- Hands-on aero-modelling and flight demonstration workshops
- Basic drone awareness, safety, and regulatory orientation sessions
- Introductory lectures on aviation, aerospace, and emerging air mobility
- Career awareness talks highlighting pathways in aviation and related fields
- Activity-based STEM programs aligned with aviation concepts
- NAO awareness drives and registration support at schools

#### 4.2 Target Venues for Outreach

- Middle and senior secondary schools (preferred for maximum outreach impact)
- The Aero Club's own college campus
- Joint programs with nearby colleges or institutions
- Government and private schools, particularly in rural and semi-urban regions

This flexibility allows Aero Clubs to tailor programs based on regional needs, language preferences, and available resources while remaining aligned with NAO's broader objectives.

### 5. Benefits of Collaboration

#### 5.1 For the Aero Club

- Financial support from CSO for conducting aviation outreach events (details in Section 7)
- Official recognition and visibility on the CSO website and social media handles
- One-year valid certificate for the designated Aero Club Coordinator
- Participation and volunteering certificates for student organizers
- Opportunities to connect with aviation industry experts and professionals through NAO's Expert Committee network
- Skill development in outreach planning, public engagement, event management, and leadership

#### 5.2 For the Institution

- Recognition as an Official Outreach Partner of a national-level STEM and aviation education initiative
- Enhanced outreach footprint and community engagement across the region

- Strengthened industry-academia linkage through association with NAO's Expert Committee (100+ professionals from IITs, NITs, airlines, DGCA, AAI, ISRO, HAL, and DRDO)
- Co-branding visibility in NAO communications, outreach materials, and event promotions
- Potential to serve as a local exam centre for NAO examinations

### 5.3 For School Students

- Early exposure to aviation, aerospace, and drone technologies through relatable college-level mentors
- Practical, activity-based learning beyond textbooks through RC aircraft and drone demonstrations
- Awareness of aviation-related career pathways – pilots, AMEs, ATC officers, drone operators, aerospace engineers, and more
- Direct pathway to NAO 2026 participation with access to cash prizes, scholarships, internships, and DGCA drone pilot licenses
- Interaction with college students and industry professionals serving as near-peer mentors

## 6. Expectations from the Aero Club

### 6.1 Event Frequency & Format

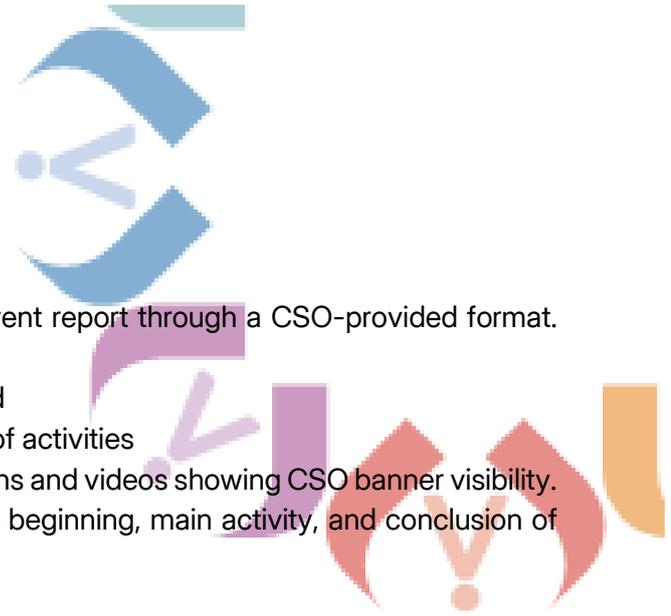
For the duration of the MoU (one year), CSO expects the Aero Club to conduct **up to one aviation outreach event per month**. Events may be organized in flexible formats – on the Aero Club's own campus, jointly with nearby institutions, or at nearby schools (preferred for higher outreach impact).

### 6.2 Quality Standards

- Practical and activity-based programs are strongly encouraged. Wherever possible, Aero Clubs should conduct sessions using their own RC aircraft, aero-models, or drones for hands-on demonstrations.
- Structured theoretical awareness sessions are also acceptable, provided they are well-planned and age appropriate.
- Programs should be conducted or supervised by trained student members, faculty advisors, or qualified professionals associated with the Aero Club.
- Basic event details must be shared with CSO in advance for alignment and approval.

### 6.3 Branding & Minimum Participation

- Proper visibility of CSO and NAO branding is mandatory at every event – this includes displaying the CSO banner prominently and distributing NAO flyers.
- **Minimum participation: 50 students per event.** No upper limit on the number of students reached.



## 6.4 Post-Event Reporting & Documentation

After each event, the Aero Club must submit a complete event report through a CSO-provided format. The report must include:

- Date, venue, and type of outreach session conducted
- Number of students reached and a brief description of activities
- **Mandatory media documentation:** Clear photographs and videos showing CSO banner visibility. At least **five geotagged photographs** capturing the beginning, main activity, and conclusion of the event.

## 7. Expense Sharing & Reimbursement

Item	Details
<b>CSO's Share</b>	<b>50% of approved event expenses</b> , subject to a maximum of <b>₹10,000 per event</b>
<b>Billing (GST)</b>	GST bills to be issued in the name of Centre for Scientific Outreach (CSO). Reimbursement to the official bank account of the Aero Club or institution.
<b>Billing (Non-GST)</b>	Genuine vendor bills accepted. Reimbursement directly to the event coordinator.
<b>Reimbursement Timeline</b>	<b>7–15 working days after event</b>
<b>CSO Banners &amp; Flyers</b>	<b>Fully borne by CSO</b> (one-time cost, outside the shared expense limit)

## 8. How the Collaboration Works

To ensure smooth execution and clarity for all stakeholders, the collaboration follows these steps:

Step	Action	Details
1	<b>MoU Signing</b>	Formal signing of the MoU between CSO and the Aero Club (attached separately)
2	<b>Pre-Event Briefing</b>	Coordination meeting to brief the Aero Club on outreach objectives, event structure, activities, safety considerations, and reporting requirements
3	<b>Material Delivery</b>	CSO delivers banners, flyers, and promotional material based on expected footfall
4	<b>Event Execution</b>	Conduct the aviation outreach event as per the agreed plan
5	<b>Post-Event Report</b>	Submit event report with participant details, media documentation, and geotagged photographs
6	<b>Reimbursement</b>	Verification of documents and fund transfer within 7–15 working days

## 9. Next Steps

This collaboration is designed to be **simple, transparent, and impact-driven**. Our shared objective is to take aviation knowledge beyond textbooks and inspire young students through real exposure, interaction, and hands-on learning.

If your institution's Aero Club is interested in partnering with NAO 2026 as an Official Outreach Partner, please reach out to us at the contact details below. A separate one-page NAO 2026 Overview and a Memorandum of Understanding (MoU) are enclosed with this proposal for your reference.

Primary Contact	Corporate Relations
<b>Mr. Lakshay Panchal</b> Outreach Coordinator <b>Email:</b> <a href="mailto:lakshay@thecso.in">lakshay@thecso.in</a> <b>Phone:</b> +91 97739 83087	<b>Mr. Kokulakrishnan Jeganathan</b> Head – Corporate Relations <b>Email:</b> <a href="mailto:kokul@thecso.in">kokul@thecso.in</a> <b>Phone:</b> +91 95823 95151

*We look forward to partnering with motivated Aero Clubs who share this vision and are eager to contribute to shaping the future of India's aviation talent.*

### Centre for Scientific Outreach

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