

Prospectus for Admission to B.Sc. (Aviation) Program For CPL Cadets of IGRUA

Academic Session 2025 – 2026

**Under the Academic Affiliation of Rajiv Gandhi National Aviation University (RGNAU)
(A Central University under Ministry of Civil Aviation, Govt. of India)
Established by an Act of Parliament in 2013**

Introduction

Indira Gandhi Rashtriya Uran Akademi (IGRUA) was established in 1986 as a center of Excellence for training commercial pilots similar in structure and prestige to institutions like IITs and AIIMS, under the Ministry of Civil Aviation, Government of India. In academic affiliation with **Rajiv Gandhi National Aviation University (RGNAU)**, IGRUA offers a **three-year undergraduate B.Sc. (Aviation) degree programme** for CPL (Commercial Pilot License) cadets.

This programme integrates **academic excellence** with **professional pilot training**, aligned with UGC guidelines, DGCA regulations, and international aviation standards (ICAO).

Programme Overview

- **Name of the Programme:** B.Sc. (Aviation)
- **Level:** Undergraduate Degree Programme
- **Duration:** 3 years (6 semesters)
- **Maximum Duration:** 6 years
- **Mode:** Regular, Full-time
- **System:** Choice Based Credit System (CBCS) & Credit Based Semester System (CBSS)
- **Credits Required for Degree:** 120
- **Location:** IGRUA Campus, Fursatganj, Amethi, Uttar Pradesh

Academic Calendar

- **Autumn Semester:** July – December (Minimum 15 weeks)
- **Spring Semester:** January – May (Minimum 15 weeks)
- Each semester has at least 90 working days, inclusive of registration, mid-semester exams, end-semester exams, breaks, and vacations.
- Academic calendar is published annually on the IGRUA's website.

Eligibility for Admission

- **Educational Qualification:** 10+2 (or equivalent) with Physics, Mathematics, and English as compulsory subjects, securing at least **50% aggregate marks**.
- **Age Limit:** Minimum 17 years as on date of admission.
- **Selection Process:**
 - Screening of applications for eligibility.
 - Merit-based selection (10+2 performance).
 - Written examination and/or personal interview as per IGRUA guidelines.
 - Reservation for OBC, SC, ST and EWS students is as per the Central Government policy.

Admission Process & Intake

- **Admission Authority:** IGRUA (on behalf of RGNAU).
- **Intake:** As approved by RGNAU for the Academic Session 2025–26.
- **Last Date for Application Submission:** **25 September 2025**.
- **Publication of Merit List:** On IGRUA website & notice board.

Programme Structure

- **Minimum Duration:** 3 years (6 semesters).
- **Maximum Duration:** 6 years (12 semesters).
- **Credits Required:** 120 (SGPA \geq 5.0 per semester & CGPA \geq 5.0 overall).
- **Evaluation System:** Continuous Internal Evaluation (CIE) + Semester End Examination (SEE).

- **Course Pattern:** Theory, Tutorials, Practical, Simulator Training, Flying, and Projects.

Course Curriculum

- **Design Principles:**
 - Complies with UGC-CBCS framework.
 - Integrated with CPL curriculum (DGCA & ICAO standards).
 - Combination of Theory of Flight, Aeroengines, Airframes & Aircraft Systems, Air Navigation & Radio Aids, Air Regulation, Aviation Meteorology, Aviation Safety and Security, Aviation Management and Environment Science.
- **Credit Allocation:**
 - 1 Credit = 1 hour/week (Lecture/Tutorial)
 - 1 Credit = 2 hours/week (Practical/Simulator)
- **Detailed Curriculum & Syllabi:** Enclosed as **Annexure B**.

Attendance Rules

- Minimum **75% attendance** in each subject required.
- Students with < 65% attendance will not be eligible for Semester End Examination.
- Exemptions (65%–75%) may be granted by the Director (IGRUA) under valid circumstances.

Evaluation System

- **Internal Assessment (CIE):** 30%
 - Quizzes, assignments, practical work, workshops, mid-term exams.
- **End Semester Exam (SEE):** 70%
 - Theory, practical, simulator, and flying tests.
- **Passing Marks:** 40% overall in each subject (C grade or above).
- **Projects/Internship:** Compulsory in Semester V & VI.

Grading System

Marks (%)	Grade	Grade Point
≥ 90	O (Outstanding)	10
80–89	A+ (Excellent)	9
70–79	A (Very Good)	8
60–69	B+ (Good)	7
50–59	B (Average)	6
40–49	C (Pass)	5
< 40	F (Fail)	0
Absent	Ab	0

- **SGPA & CGPA** calculated as per UGC formula.
- Final percentage equivalent: $\% = (\text{CGPA} - 0.5) \times 10$.

Passing Standards

- **Semester Clearance:** SGPA \geq 5.0 in all subjects.
- **Degree Awarded:** B.Sc. (Aviation), if CGPA \geq 5.0 and 120 credits completed.
- **Classifications:**
 - CGPA \geq 8.0 (First Class with Distinction).
 - $7.0 \leq$ CGPA $<$ 8.0 (First Class).
 - $6.0 \leq$ CGPA $<$ 7.0 (Second Class).
 - $5.0 \leq$ CGPA $<$ 6.0 (Pass Class).

Supplementary Examination

- Allowed for students with **F** grade or Absent (with valid reasons).
- Grade improvement possible (with one grade lower rule, except C).
- Students may not attempt more than **5 subjects** in a supplementary exam.

Code of Conduct & Discipline

- Respect faculty, staff, and peers.
- **Ragging is strictly prohibited** under law.
- Prohibited activities:
 - Substance abuse, alcohol, drugs.
 - Unfair means in exams.
 - Damage to public property.
 - Indecent behavior or misconduct.
- Violations may lead to penalties: warning, fine, suspension, rustication, or expulsion.

Withdrawal, Relaxation & Result Withholding

- Students may withdraw temporarily on **medical/family grounds** (max 1 semester).
- Name may be struck off rolls if absent > 3 semesters without approval.
- Results withheld for non-payment of fees or disciplinary issues.
- Academic Council may grant relaxation in exceptional cases.

Fee Structure

- As per **RGNAU approved guidelines**.
- Detailed breakup enclosed as **Annexure A**.

Degree Award

- Degree conferred as **Bachelor of Science (Aviation)** by RGNAU.
- Recognized under UGC Act, 1956.

Important Dates

- **Last date of application:**25 September 2025
- **Merit list publication:**27 September 2025
- **Commencement of classes:**29 September 2025

Annexures

- **Annexure A:** Fee Structure (as per RGNAU)
- **Annexure B:** Detailed Course Curriculum & Syllabi

Contact Information

- **University Coordination Section**
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