

A Report on Participation in
"RC Aircraft Aeromodelling Training and IGC-1 (AIVSC-2026) Selection Activities"
at RC Build Fly Club, Chennai
from 01.08.2026 to 03.08.2026.

Report Submitted By: Dr. Charan Kuchi, Caretaker Officer, NCC Air Wing & Assistant Professor, Department of Physics

Mode of Conduct; Offline

Report Received on 04.08.2026.

As part of the preparation for the Inter Group Competition-1 (IGC-1) under the All-India Vayu Sainik Camp (AIVSC-2026), two NCC Air Wing cadets from Madanapalle Institute of Technology & Science (MITS) were selected for RC Aircraft Aeromodelling training. The objective of this training was to equip the selected cadets with practical skills in RC aircraft construction and flying, while also developing institutional expertise to train future batches of NCC cadets.

Training at RC Build Fly Club, Chennai

A training visit was undertaken to the RC Build Fly Club, Chennai, along with the two selected cadets. The activities conducted during the visit are summarized below:

01 August 2026 – RC Aircraft Building and Simulation Training

The cadets received hands-on training in:

- Fundamentals of RC aircraft design and construction.
- Assembly of RC aircraft components.
- Understanding of control systems and electronics used in model aircraft.
- Flight simulation exercises to familiarize cadets with aircraft controls and flying techniques in a virtual environment.

02 August 2026 – Practical RC Model Flying

The cadets underwent practical flying sessions involving:

- Basic flight operations of RC aircraft.
- Take-off, maneuvering, and landing procedures.
- Safe handling and operation of model aircraft under expert supervision.

The training provided valuable exposure to aeromodelling concepts and practical flying skills, which will also be beneficial for training future NCC cadets at MITS.

Control Line Aircraft Model Training at Tirupati

On 03 August 2026, at Tirupati, the NCC Air Force Unit staff provided training to two additional cadets in Control Line Aircraft Model Flying. The training focused on:

- Principles of control line model aircraft.
- Flight operation techniques.
- Practical handling and maneuvering of control line aircraft.

Conduct of Final Selection Examination

As per the directions of the Commanding Officer, the final selection examination for IGC-1 was conducted to identify eligible cadets for participation in AIVSC-2026 activities.

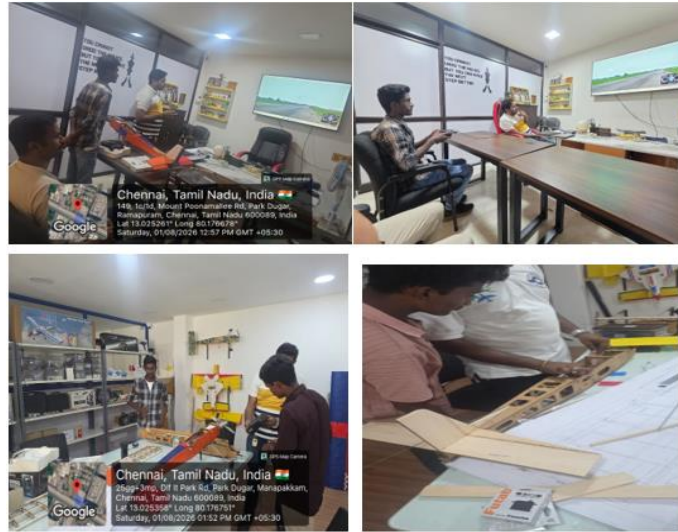
A total of 21 cadets were selected from the Tirupati Group NCC for participation in IGC-1. Among these, 9 cadets from Madanapalle Institute of Technology & Science (MITS) secured selection, which includes:

- 6 Cadets – Aeromodelling Events
- 3 Cadets – Drill, Tent Pitching, and Firing Competitions

Conclusion

The RC aircraft aeromodelling training at Chennai and the subsequent activities at Tirupati significantly enhanced the technical knowledge and practical skills of the participating cadets. **The successful selection of 9 MITS cadets for IGC-1 is a matter of pride for the institution and reflects the dedicated efforts of the NCC Air Wing training team.** The selected cadets will represent MITS in IGC-1, scheduled to be held at **Mamnoor Airport, Warangal**, and are expected to perform commendably in various competitions.

01.08.2026 (Chennai):



02.08.2026 (Chennai):



03.08.2026 (Tirupati):

