

MITS Communication/Report on Event/NCC Air Wing/23.02.2026-24.02.2026.

From Vice Principal Administration <viceprincipaladministration@mits.ac.in>

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A Report on
Two-Day Aeromodelling Design Workshop
Organized by
NCC Air Wing – MITS
from 23.02.2026 to 24.02.2026

Report submitted by: Dr. Charan Kuchi, Care Taking Officer (CTO), NCC Air Wing MITS.

Resource person Details: Flying Officer M. Raghuvendra Kumar, ANO, SRN Degree & PG College, Badvel,

Mode of Conduct: Offline

Report Received on 27.02.2026.

A two-day Aeromodelling Design Workshop was successfully conducted for Air Wing NCC cadets of Madanapalle Institute of Technology & Science (MITS) on 23.02.2026 to 24.02.2026. The workshop was organized with the objective of preparing cadets for the All India Vayu Sainik Camp (VSC) competitions and to enhance their technical knowledge and practical skills in aeromodelling.



The program was organized under the coordination of **Dr. Charan Kuchi, CTO, NCC Air Wing, MITS.**

The inaugural session was attended by the Registrar, Dr. D. Pradeep Kumar, and Principal Dr. P. Ramanathan. Addressing the cadets, the Registrar motivated them to utilize the workshop effectively and gain maximum exposure to aviation-related techniques and opportunities available through NCC at the national level. The Principal emphasized the importance of acquiring both theoretical

understanding and practical experience in aeromodelling to excel in national-level competitions and to develop technical competence and confidence.



The workshop resource person was **Flying Officer M. Raghuvendra Kumar, ANO, SRN Degree & PG College, Badvel**, an expert in aeromodelling and adventure training.

During the technical sessions, the resource person provided detailed insights into the fundamentals of aeromodelling, aircraft design concepts, and flight principles. He also highlighted the role of adventure activities such as rock climbing, trekking, cycling, parasailing, water rafting, and paramotoring in developing leadership, endurance, and personality among NCC cadets.

Hands-on training was provided on the design, fabrication, and flying techniques of control-line and glider aero models. The cadets actively participated in the practical sessions and demonstrated great enthusiasm and interest throughout the workshop.



The workshop helped cadets improve their technical skills, teamwork, discipline, and problem-solving abilities, which are essential for successful participation in VSC and other national-level NCC competitions.

At the valedictory session, the resource person was felicitated by Dr. B. Jagadeesh Babu, HOD (I/c), Department of Physics in recognition of his valuable contribution and expert guidance.

Overall, the workshop was highly beneficial and achieved its objective of strengthening the technical preparedness of Air Wing NCC cadets.

