

**Topic** : One Day Workshop on Drone Technology  
**Date** : 05.02.2026  
**Venue** : Physics ICT Classroom  
**Beneficiaries:** 70 Students

### Objectives

The Department of Physics organized a One-Day Workshop on Drone Technology held on 5th February 2026 with the aim of enhancing student's understanding of unmanned aerial vehicles (UAVs) and their growing importance in modern science and technology. The workshop was designed to bridge the gap between theoretical knowledge and real-world applications by introducing the basic principles of drone flight, including lift, thrust, stability, and control systems. Students were actively engaged throughout the sessions, which helped them gain clarity on the physics behind drone operation.

### Resource Person

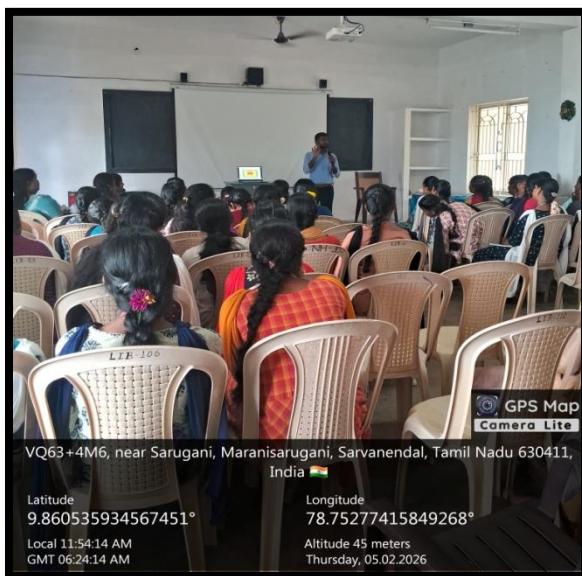
**Mr.S.SUSIKARAN M.Sc., (Drone Trainer), Nova Aerospace, Thirumayam.**

### Summary

The program was started at 10:00 a.m. with a prayer song, seeking divine blessings for the successful conduct of the event. This was followed by the welcome address delivered by **Ms.R.Malathi, II M.Sc. Physics.** The Chief Guest was formally honoured by our respected Principal, **Rev. Sr. Dr. Meldintha Mary**, with a shawl and a token of appreciation.



The technical session was subsequently taken over by the Chief Guest, who introduced himself and shared insights into his educational qualifications, professional experience, and expertise in the field of drone technology. **The resource person elaborated on the fundamentals of drone technology, explaining its working principles, key components, and real-time applications in detail.** The session was highly informative and addressed important aspects such as **drone operation, safety measures, DGCA, RPTO and practical implementation.** Real-world examples and case studies were presented to offer practical understanding of the diverse applications of drone technology across various sectors.



The hands-on demonstration allowed students to witness basic drone assembly and live flight operations, helping them relate theoretical concepts to real-time functioning. Students actively engaged with the resource person through interactive discussions and queries, making the session lively and insightful. The workshop successfully fulfilled its objective of enhancing students' technical knowledge and practical awareness of drone technology while motivating them to explore emerging technological fields. At the conclusion of the program, participation certificates were distributed to the students by the trainer. The session ended with a vote of thanks delivered by **Mrs. M. Charulatha, M.Sc., Physics.**

## Feedback

The overall feedback from the participants was highly positive and encouraging. Students appreciated the clarity of the sessions and found the content informative, engaging, and relevant to current technological trends. The resource person's explanations were well-structured and easy to understand, which helped students grasp both theoretical concepts and practical aspects of drone technology.

