



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)



National Cadet Corps

Name of the Activity: DRONE TRAINING CAMP

Date: 22 June 2026 to 1 July 2026

Place: 2 HP BN NCC JNV PANDOH, MANDI

The Drone Training Camp, organized by 2 HP Battalion NCC, Mandi, was conducted with the objective of providing selected NCC cadets with practical exposure to drone technology. The camp offered a comprehensive blend of theoretical knowledge and hands-on training, enabling cadets to understand the fundamentals of drone design, assembly, calibration, and operation.

The training emphasized the development of technical skills, confidence, and discipline while familiarizing cadets with the growing significance of drones in sectors such as defense, surveillance, agriculture, disaster management, and infrastructure monitoring. Through expert guidance and supervised practical sessions, the camp equipped cadets with the knowledge required to safely assemble, calibrate, and operate drones.

Aim of the Camp

The primary aim of the Drone Training Camp was to provide NCC cadets with practical knowledge and hands-on experience in drone technology. The camp sought to establish a strong foundation in drone assembly, calibration, and flight operations while creating awareness about the diverse applications of drones in modern-day scenarios, particularly in defense, surveillance, disaster response, agriculture, and other emerging technological domains.

Objectives of the Drone Training Camp

- Provide cadets with fundamental theoretical knowledge of drone technology and its applications.
- Introduce the major components of a drone, including the frame, motors, Electronic Speed Controllers (ESCs), flight controller, propellers, battery, and communication systems.
- Train cadets in the assembly, wiring, and integration of drone components.
- Demonstrate and practice the calibration procedures necessary for stable and safe drone operation.
- Develop practical drone piloting skills through supervised hands-on flying sessions.
- Enhance technical competence, confidence, teamwork, and discipline among NCC cadets.
- Create awareness about the applications of drones in defense, border surveillance, agriculture, disaster management, environmental monitoring, mapping, and logistics.
- Encourage innovation and motivate cadets to explore emerging technologies in the field of unmanned aerial systems.



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The Drone Training Camp proved to be a highly informative and skill-oriented programme that significantly enhanced the technical knowledge and practical capabilities of the participating cadets. The camp not only provided valuable exposure to modern drone technology but also inspired cadets to develop a scientific temperament and an interest in emerging technologies. The knowledge and experience gained during the camp will enable the cadets to contribute effectively to future NCC activities and technological initiatives while promoting innovation and responsible use of drone technology.

