

SKYX TIMES



SKYX Signs MoU with JJCET

SKYX Aerospace Pvt. Ltd. has signed a **Memorandum of Understanding (MoU)** with JJCET – JJ. College of Engineering and Technology, marking a significant step toward strengthening industry-academia collaboration.

The MoU was formally signed by the Managing Director of SKYX Aerospace, Mr. Adarsh V Srinivasan. The partnership focuses on advancing **research and innovation in drone and aerospace technologies**. It also aims to promote skill development and provide hands-on industry exposure to engineering students. Through this collaboration, students will gain practical insights aligned with current industry requirements. The initiative is expected to enhance workforce readiness in the rapidly evolving aerospace sector.

Empowering Forestry with Drones

Our Managing Director conducted an insightful speech and hands-on training session for the **Divisional Forest Officer (DFO) and Coimbatore Forest Officials**, emphasizing the growing role of drone technology in modern forest management. The session highlighted critical applications including day and night surveillance, thermal imaging for anti-poaching operations, and wildlife monitoring.

A live demonstration of our advanced Surveillance Drone provided **practical exposure** to real-time aerial monitoring and rapid response capabilities. The session served as an engaging knowledge-sharing platform, showcasing how drone technology.



KEY HIGHLIGHTS

Our Managing Director, Adarsh V Srinivasan, delivered an **inspiring session at J.J. College of Engineering & Technology**, Trichy, as part of the 24-Hour Internal Hackathon. The interaction encouraged students to think beyond boundaries, **innovate with purpose**, and apply engineering principles to solve real-world challenges.



We are proud to share that **Rathinam College** honored our Managing Director, Mr. Adarsh V. Srinivasan, for mentoring students who participated in the **NIDAR Drone Competition**. His guidance and technical insights played a vital role in shaping the team's learning experience and competitive readiness.



Interesting Facts

- The 2026 budget is expected to introduce a broad incentive-based manufacturing support scheme under the Drone Shakti initiative, potentially offering ~₹10,000 crore in fiscal support to help Indian drone makers scale production and infrastructure.
- The Indian Army placed ₹5,000 crore worth of orders for indigenous drones after operational trials, highlighting greater defence uptake of domestic UAV platforms.
- Drones are being used for innovative civil applications—e.g., in Lucknow helping reduce dangerous kite flying by ~80% through aerial surveillance.
- A standalone Drone Law Bill has been introduced to replace the Drone Rules 2021, covering the entire lifecycle of drones including design, certification, and registration, with enhanced safety and traceability requirements.



Drone Dynamics at NGP

Our Managing Director, Mr. Adarsh V Srinivasan, was invited as a **Guest Speaker at NGP College, Department of Artificial Intelligence & Machine Learning**, for a workshop titled “Drone Dynamics: Master the Art of Flying and Innovation”, held on 29 January 2026.

Also shared perspectives on **innovation, regulatory frameworks, and emerging opportunities** in the drone and aerospace sectors. The session provided students with practical insights into drone aerodynamics, **flight control systems**, and real-world industry applications. The interactive workshop encouraged students to explore the intersection of AI, ML, and unmanned aerial systems. This engagement reflects our continued commitment to industry and academia through knowledge sharing.

CASE STUDIES

Drone-Based Facade Cleaning for High-Rise Buildings



A commercial high-rise building required periodic **façade cleaning** to maintain aesthetics and structural integrity. Traditional methods involving scaffolding and rope access were time-consuming, costly, and posed safety risks to workers. To address these challenges, a **drone-based cleaning solution** was deployed. The drone was equipped with a high-pressure spraying system and ground-supported water supply, enabling efficient cleaning at significant heights.

The operation was completed in substantially less time compared to conventional techniques, with minimal disruption to building occupants. Safety risks were significantly reduced as no personnel were required to work at dangerous elevations. The drone also allowed simultaneous visual inspection of façade conditions, **identifying cracks, sealant failures, and surface damage**. This approach demonstrated improved cost efficiency, enhanced safety standards, optimized water usage, and faster project turnaround. Drone-enabled façade cleaning presents a scalable and sustainable solution for modern urban infrastructure maintenance.

Telecom Tower Inspection using drones

A leading telecom operator needed frequent inspections of its network of communication towers to ensure structural integrity, antenna alignment, and safety compliance. Traditional tower inspections required technicians to **climb tall structures, posing significant safety risks and resulting in lengthy downtimes**. To enhance efficiency and safety, the operator deployed a drone-based inspection solution.

Equipped with high-resolution cameras and thermal imaging sensors, the drone performed detailed **aerial inspections of tower components, antenna arrays, connectors, and guy wires**. The operation captured precise visual and thermal data that was processed for structural analysis and fault detection. This approach drastically reduced inspection time—from several hours to under one hour per site—while eliminating the need for technicians to work at height. Drone inspections also improved the accuracy of **defect detection and enabled better planning** for preventive maintenance.



DRONE-BASED FAÇADE CLEANING FOR HIGH-RISE BUILDINGS



Smart Maintenance. Safer Heights. Powered by Drones.

DRONE IN DEVOTION



SKYX Aerospace had the proud and unique opportunity to be part of a sacred **Temple Consecration Ceremony** using our advanced **KISAAN Drone**. Blending tradition with technology, our drone played a meaningful role in supporting the ceremonial proceedings from the skies. This special moment showcased how innovation can respectfully integrate with cultural and spiritual events.

The KISAAN Drone ensured precision, safety, and seamless execution throughout the ceremony. It was truly an honor to contribute to such a divine and historic occasion — where heritage met modern aerospace excellence.

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