

NEWSLETTER

SKYX TIMES

KEY HIGHLIGHTS OF THE FY 2025-2026



Launch of AIR UZHAVAN

SKYX Aerospace, in collaboration with **Kasadara Technology Solutions**, proudly launched **AIR Uzhavan**, a groundbreaking AgriTech platform set to transform modern farming through drone and AI-driven intelligence. The unveiling took place at the Tamil Nadu **Global Startup Summit 2025** at the CODISSIA Trade Fair Complex, Coimbatore.

The launch ceremony was presided over by Dr. E. Balagurusamy and V. Sundaram, adding great significance to this milestone. AIR Uzhavan marks a new era in precision agriculture, empowering farmers with smarter, data-driven solutions for sustainable growth. AIR Uzhavan is a cloud and mobilecentric platform that integrates realtime data from ground sensors and NDVI imaging from surveillance drones

SIDA Defence Expo 2025

SKYX Aerospace proudly participated in the **SIDA Defence Expo 2025**, showcasing our commitment to advancing defence and drone technology. As a **proud sponsor**, we were honoured to contribute to a platform that fosters innovation and collaboration across the industry.

We are especially privileged to have received the **"Best Emerging Defence Startup Award"** recognising our vision, innovation, and impact. This milestone reflects the dedication of our team and our pursuit of excellence. We look forward to continuing our journey of innovation and delivering cutting-edge solutions for the future. We are grateful for the opportunity to contribute to this impactful defence initiative.



KEY HIGHLIGHTS

During FY 2025–26, SKYX Aerospace signed **MoUs** with **Dr. N.G.P. Institute of Technology, Sri Ramakrishna Engineering College, Karpagam Institute of Technology, and J.J. College of Engineering and Technology** to strengthen industry-academia collaboration. This initiative aims to nurture innovation, enhance technical skills.



SKYX Aerospace conducted a **two-day drone training program** for B.E. Mechanical Engineering students at **PSG College of Technology**, combining structured theory with hands-on practical sessions. The initiative also included support in setting up the institution's Drone Laboratory, with the procurement of CARTER and KISAAN drones for academic use.



Interesting Facts

- The Production Linked Incentive (PLI) scheme provides financial incentives to boost local drone manufacturing and component production.
- Drones are being used to deliver vaccines, blood, and medicines to remote and hard-to-reach areas, especially during emergencies.
- Drones play a key role during floods, cyclones, and earthquakes for search & rescue, damage assessment, and relief planning.
- Most drones rely on Lithium-Polymer batteries due to their high energy density, lightweight design, and ability to deliver high discharge rates.
- Drones integrate thermal imaging, EO/IR sensors, and encrypted communication systems for real-time intelligence, border monitoring, and night-time operations.
- AI-powered drones assist in rapid mapping, victim detection, and damage assessment.



Agri Drone Demo's at FPO

During FY 2025–26, SKYX Aerospace undertook a key initiative by conducting multiple **Agri Drone demo's** for various **Farmer Producer Organizations (FPOs)** across regions like **Erode, Mettur, Madurai, Dharmapuri & Dindigul**. These demonstrations were aimed at creating awareness about advanced agricultural technologies and their practical benefits for farmers.

Our team showcased how drone solutions can **enhance efficiency, reduce input costs, and improve crop health monitoring**. In addition to live demonstrations, farmers were given hands-on exposure through **practical drone flying sessions**. This approach helped them better understand real-time applications and build confidence in adopting the technology.

CASE STUDIES

Drone Usage on Construction



Drones are rapidly transforming the construction industry by bringing speed, precision, and smarter decision-making to every project phase. With advanced aerial site surveys and topographic mapping, construction teams can capture highly accurate data in significantly less time. SKYX Aerospace leverages cutting-edge drone technology to deliver real-time project monitoring and digital insights. From tracking progress to detecting deviations, drones

enable proactive project management and improved quality control. They also support 3D modeling & earthwork analysis, helping teams visualize outcomes & optimize resource utilization. By reducing manual labor and site risks, drones enhance safety standards across large-scale projects. The ability to generate high-resolution imagery and automated reports ensures better collaboration among stakeholders. With up to 70–80% time savings and improved accuracy, drone solutions are redefining efficiency in construction workflows. empower the industry with data-driven, cost-effective, and future-ready construction solutions.

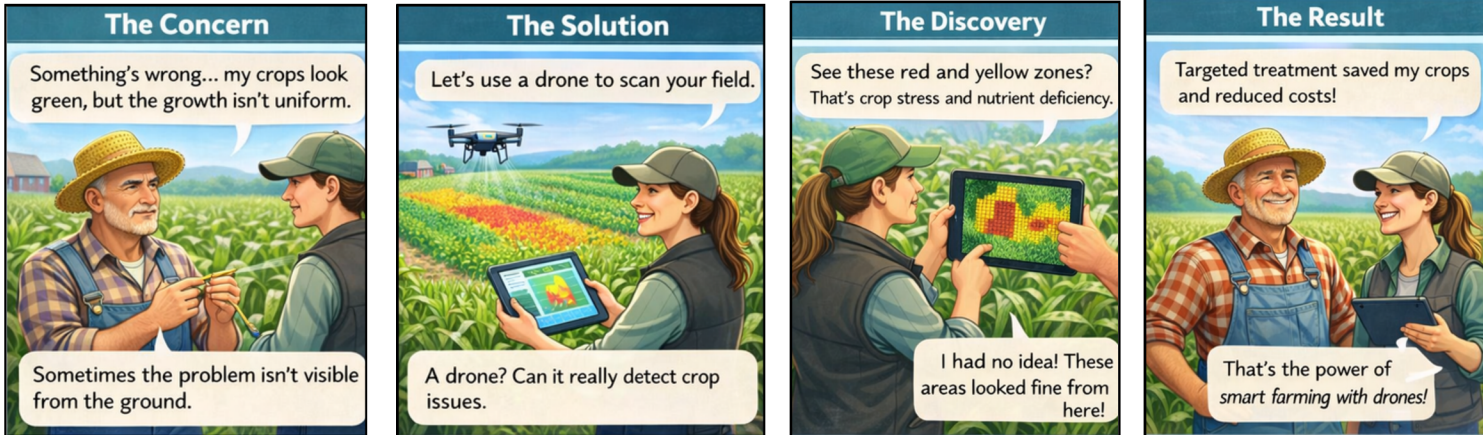
Crop Health Monitoring using Drones

Crop health monitoring is entering a new era with the adoption of advanced drone technology in modern agriculture. Drones equipped with multispectral and thermal sensors enable farmers to assess crop conditions with unmatched precision. SKYX Aerospace provides intelligent drone solutions that capture real-time data on plant health, soil variability, and irrigation needs.

By identifying stressed crops early, farmers can take timely corrective actions, reducing yield loss and improving productivity. These insights help optimize the use of fertilizers, pesticides, and water—making farming more sustainable and cost-effective. Drone-based monitoring also allows large fields to be analyzed quickly, saving valuable time and labor. With detailed aerial analytics and high-resolution imaging, decision-making becomes faster and more accurate. The future of agriculture is smart, efficient, and driven by precision drone technology.



Crop Health Monitoring Using Drones



Using drone technology, a farmer and agricultural expert detect, diagnose, and fix crop problems early.

SKYX TEAM: A YEAR OF GROWTH & RESILIENCE



During FY 2025-26, SKYX Aerospace experienced a journey of growth marked by both challenges and achievements. Each phase **strengthened our resilience** and pushed us to evolve as a team. Through every high and low, the team remained committed to delivering excellence and driving innovation forward. As we step into the upcoming financial year, we remain focused on building on this momentum. With the same spirit and determination, we look forward to **achieving greater milestones together**

SKYX AEROSPACE PRIVATE LIMITED

#392, Sai Towers, Dr Rajendra Prasad Road (100ft Road), Gandhipuram,
Coimbatore, Tamil Nadu, India - 641 012

📷 [skyx_aerospace](#) |

📺 [SKYX Aerospace](#) |

🌐 [Skyx Aerospace Pvt Ltd](#)

www.skyx.co.in |

+91 82200 13957 |

info@skyx.co.in |

sales@skyx.co.in