SKYX
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NEWSLETTER

SKYX TIMES

Pongal Festivities at SKYX

We celebrated Pongal at **SKYX Marutham** with great enthusiasm, togetherness, and cultural pride. Pongal, as a **harvest festival**, reminds us of gratitude toward nature, farmers, and the sun for prosperity and growth. The celebration provided a meaningful opportunity for everyone to reconnect with **cultural values and traditions.** All our employees came together to celebrate as one team, sharing joy, laughter, and festive spirit

The event fostered unity and strengthened our sense of belonging. Through this celebration, we took a moment to honor the true heroes of Pongal — our farmers and their dedication. The day created lasting memories and reinforced the importance of gratitude and togetherness.

Festive Moments at SKYX

The event was filled with festive cheer, along with various fun **games** that encouraged participation and teamwork. Employees enthusiastically took part in traditional activities, enjoying friendly competitions that brought out laughter and excitement. **Colorful decorations, traditional music**, and delicious festive treats added to the vibrant atmosphere. Everyone actively joined in, making the celebration lively and memorable. The day provided an opportunity to step away from routine work and **connect** with colleagues in a joyful setting.

Through these moments, we not only celebrated Pongal but also reinforced **our values of collaboration**, gratitude, and unity

KEY HIGHLIGHTS

We had the opportunity to present our future vision for the **defence sector**. The meeting offered valuable clarity on the current landscape of drone usage in the defence industry. It helped us better understand operational needs and emerging trends. The discussion was insightful and strengthened our strategic direction moving forward.

At SKYX Marutham, we proudly celebrated the 77th Republic Day by **hoisting the National Flag** using our **SKYX KISAAN Drone**. The moment was truly wholesome, beautifully blending patriotism with innovation, and creating memories that will stay with us for a long time. It filled our team a deeper sense of purpose as we continue our journey forward.

Interesting Facts

- State governments are now major drone users, not just the Centre. Police, disaster management units, forest departments and municipal bodies are buying and operating drones directly.
- India now trains soldiers specifically for drone warfare, not as a side skill. Dedicated drone and counter-UAS schools are operational for armed forces and paramilitary units.
- Drone-as-a-Service (DaaS) is becoming more popular than drone ownership for businesses like construction, mining and real estate.
- Agriculture drones are shifting from "spraying only" to data services. Farmers increasingly pay for crop health reports, not just pesticide spraying.
- BVLOS (Beyond Visual Line of Sight) operations are slowly expanding, mainly for government pilots, medical logistics trials and infrastructure inspection.
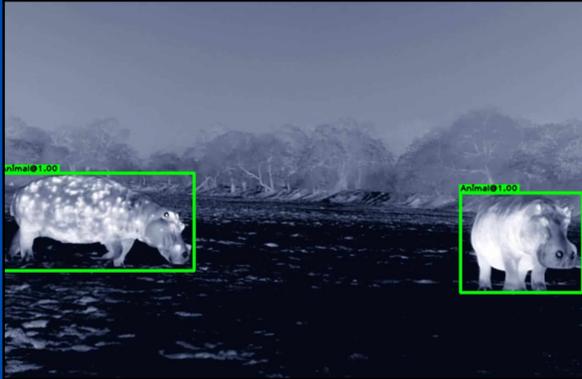

Vision Meeting at SKYX Marutham

At SKYX Marutham, we successfully conducted our **3rd Vision Meeting**, focused on alignment, innovation, and growth. The session brought together teams to share ideas and strategic direction. Team members presented key insights from their core departments, including **Swarm Drones, Marketing, and Drone as a Service (DaaS).**

Each presentation reflected clarity, collaboration, and forward-thinking. The meeting encouraged **open discussions and knowledge sharing** across teams. We also took time to **recognize and appreciate** our employees for their consistent hard work and dedication. Their commitment continues to drive our vision and progress every day.

CASE STUDIES

Thermal Camera Surveillance for Wildlife Protection

A wildlife reserve facing frequent poaching and human–animal conflict adopted thermal camera surveillance to improve protection. Thermal cameras mounted on drones and watchtowers were used to detect animals and intruders at night and in dense vegetation. Unlike normal cameras, thermal imaging worked in fog, darkness, and forest cover. Forest officials received real-time alerts when unusual movement was detected near sensitive zones.

This helped patrol teams respond faster and prevent poaching incidents. The system also tracked animal movement patterns without disturbing wildlife. Early detection reduced accidental encounters between animals and nearby villages. Over time, data from thermal cameras helped identify migration routes and high-risk areas. The project led to fewer wildlife casualties and improved conservation planning. Thermal surveillance proved to be a reliable, non-intrusive tool for saving endangered species. The solution proved scalable, non-invasive, and effective for long-term wildlife protection and monitoring.
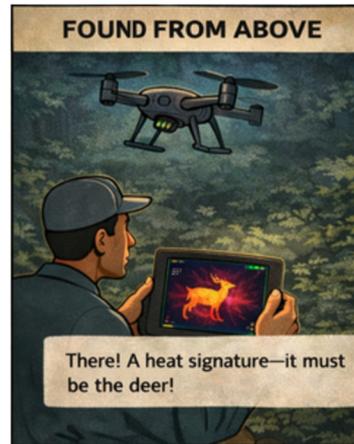
Thermal Camera Applications Across Industries

Thermal cameras are widely used in **power and energy** sectors to detect overheating transformers, switchgear, and transmission lines before failures occur. In **manufacturing plants,** they enable predictive maintenance by identifying abnormal heat patterns in motors, bearings, and conveyor systems. The **oil and gas industry** uses thermal imaging to detect gas leaks and pipeline insulation faults.

In **construction**, thermal cameras help assess building insulation, moisture intrusion, and structural defects. **Fire and rescue services** rely on thermal imaging to locate trapped individuals through smoke and debris. In **data centers**, thermal cameras monitor server racks to prevent overheating and downtime. **Solar power plants** use thermal scans to identify faulty or underperforming panels. In **healthcare**, thermal imaging supports fever screening and vascular assessments. Across industries, thermal imaging improves safety, reduces downtime, and enables condition-based monitoring.

LOST IN THE FOREST – FOUND FROM THE SKY

SKYX DRONES – SMARTER SURVEYS. BETTER DECISIONS.

WHAT'S AHEAD THIS YEAR – VISION SNAPSHOT

A new year invites us to pause, reflect, and realign.
It's a chance to carry forward the lessons that shaped us and let go of what no longer serves us.

This year is about clarity over speed, progress over perfection, and purpose over noise. Small, consistent steps will matter more than big promises — and thoughtful decisions will shape meaningful outcomes.

As the months unfold, may we stay curious, adaptable, and open to learning — trusting that steady effort, guided by intention, leads to lasting impact.

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