VAYUPUTRA



Sponsorship Proposal

VAYUPUTRA

ABOUT US

Team Vayuputra is the official UAV development team of PSG Institute of Technology and Applied Research, formed by passionate and innovation-driven students interested in drone technology, aerospace engineering, and intelligent aerial systems.



The team mainly focuses on the International Space Drone Challenge (ISDC) and other advanced mission-based UAV competitions. Through an interdisciplinary and hands-on approach across Hardware, Software, and Mechanical domains, Team Vayuputra develops both autonomous and pilot-assisted drone platforms for real-world applications.



OUR VISION & MISSION



VISION

To be at the forefront of UAV innovation by fostering technical excellence, creativity, and hands-on engineering.

MISSION

To inspire future engineers through practical learning, interdisciplinary collaboration, and advanced UAV development for real-world applications and competitions.

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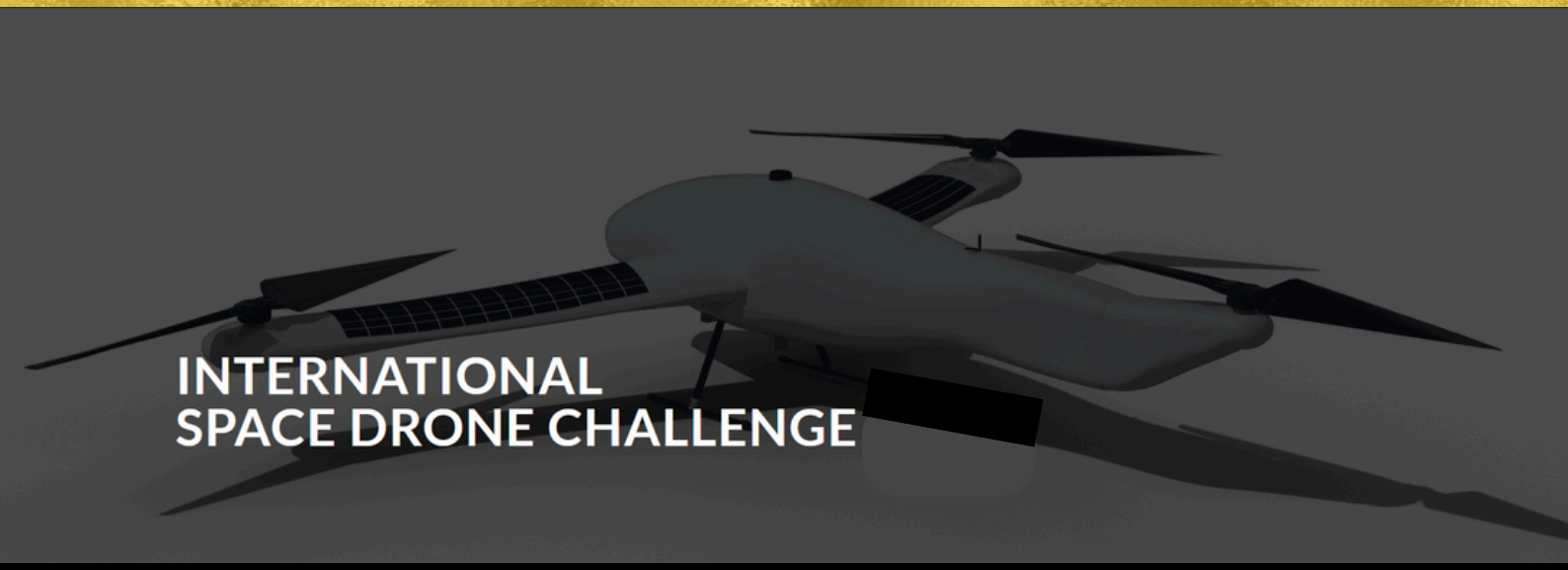

WHAT IS ISDC

The International Space Drone Challenge (ISDC) is an international UAV competition conducted by SPROS (Space Robotics Society), a global organization dedicated to advancing space technology, innovation, and interdisciplinary engineering for the future of space exploration.

The competition brings together teams across the world to develop drones for space-related and mission-based applications.

Team Vayuputra has successfully participated in ISDC twice and continues to strengthen its capabilities in advanced UAV technologies.

spros
SPACE ROBOTICS SOCIETY

https://www.spaceroboticssociety.org

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OUR ACHIEVEMENTS



- Secured **16th** position globally among the **Top 22** teams in ISDC 2026.
- Secured **Top 2** position in the **PIMA Presentation Round.**



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WHY PARTNER WITH US

Here's what makes partnering with us meaningful:

REAL ENGINEERING, REAL COMPONENTS.

Our drone Astra VP is built ground-up by students — F450 frame, Pixhawk flight controller, Raspberry Pi 5, BME280 sensors, NEO-M8N GPS, custom servo-actuated gripper, and BLDC blower. Every component we source goes directly into a flying machine that competes internationally. Your support isn't symbolic — it's structural.

PROVEN COMPETITION PRESENCE

We ranked 16th globally at ISDC 2026, competing against international teams.We are now targeting ISDC 2027 with a stronger, expanded team. Our LinkedIn company page, personal team member profiles, and events like the Yuktaka UAV workshop (45 participants from colleges across Tamil Nadu) give your brand reach beyond the competition floor into the broader student engineering community in South India.

AN INSTITUTIONAL TEAM

We operate under PSG iTech's System Development Project (SDP) program with faculty oversight, structured recruitment cycles, and a 20+ member team across Hardware, Software, and Mechanical domains.

YOUR INVESTMENT GOES TO A TEAM WITH STRUCTURE AND LONGEVITY.



CONTACT INFORMATION

We would be excited to connect and explore potential collaborations with your brand. Feel free to reach out to us

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