

AUGUST HIGHLIGHTS

LAB OF FUTURE PROPELS UAE'S STUDENTS INTO SPACE, SCIENCE AND INNOVATION

August will be remembered as a historic milestone for us and for the UAE. Our students achieved what once seemed impossible, while continuing to explore, research, and innovate across camps, internships, and new labs.

ORBITA 25 MISSION : A HISTORIC LAUNCH

In a landmark achievement for the UAE, six of our students made history by designing, building, and launching the student-made Cube Satellite at the **Global Space Tournament, Russia**.

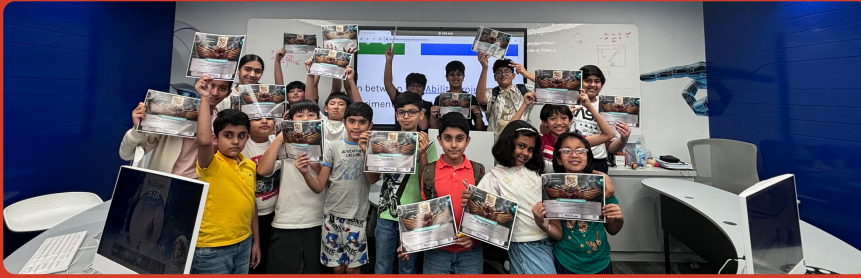
Competing on a global stage, their satellite successfully reached into the stratosphere, earning the UAE international recognition and the team proudly secured second place among the world's best young innovators.



This was more than just a competition. It was a defining moment that placed our students at the forefront of the space-tech revolution, proving that the future of exploration is already being built here, today, **by the youth of the UAE**.

SUMMER CAMP SUCCESS

Our Space Tech Summer Camp concluded across 4 locations with overwhelming participation. Students launched balloon-bots, coded drones, and solved real-world space challenges making summer a season of creativity and discovery.



RESEARCH BASED TECH INTERNSHIPS FOR HIGH SCHOOL STUDENTS

The internship gave students hands-on experience in space and tech research. Over 30 new research projects were completed, where students:

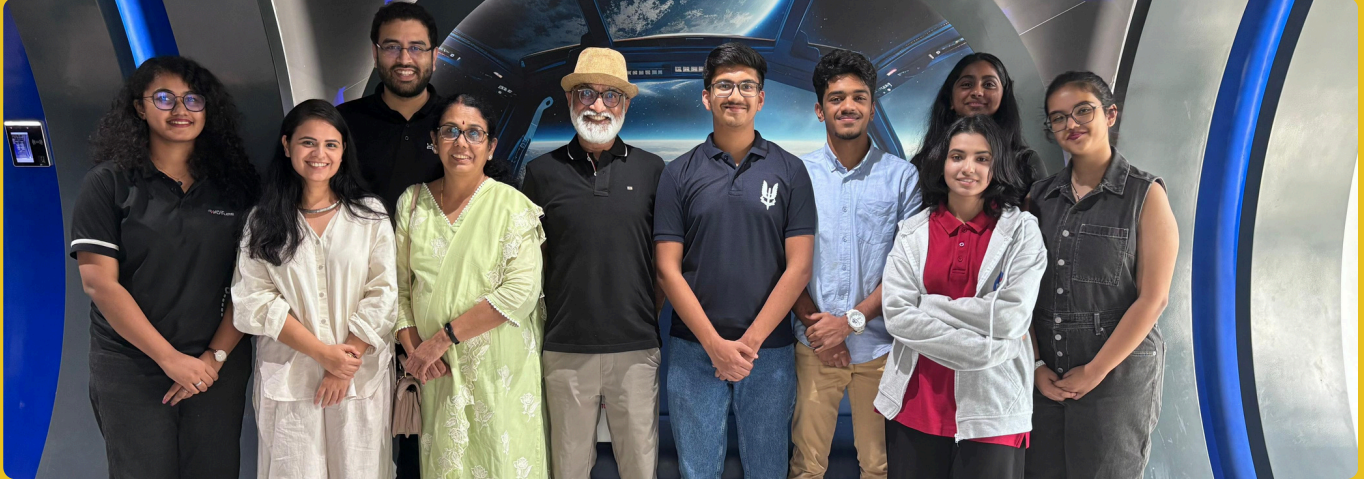
- Built robotic arms for space missions
- Developed Cube Satellites
- Researched innovative solutions to space debris
- Interacted live with ex-scientists from NASA, ISRO, and ESA



A LANDMARK VISIT: PIONEERS FROM ISRO

This month, we were honored to host pioneers from ISRO **Dr. T. P. Sasikumar** and **Dr. P. V. Radhadevi**.

Dr. Sasikumar, a former ISRO scientist and visionary educator & Dr. Radhadevi, distinguished ISRO scientist and Director General of **ADRIN**, known for her pivotal role in satellite data processing and the success of the **Chandrayaan mission**



Both engaged directly with our students, who interacted enthusiastically gaining invaluable insights into India's space missions and the Chandrayaan program. Students also shared their own experiences, making it a truly inspiring exchange of knowledge and passion for space exploration.

DWIGHT SPARK LAB LAUNCH

The state-of-the-art 'Spark Lab' at Dwight School is now live — a first-of-its-kind innovation hub designed to transform classrooms into launchpads of creativity.

More than just a lab, this is where students build, code, fly, launch, and innovate — all within their own school. Backed by a structured curriculum, every learner will complete 12 hands-on projects per term across Aerospace, 3D Design, Robotics, and Astronomy.

Powered by **STREAMER (Science, Tech, Research, Engineering, Arts, Math, Entrepreneurship, Resilience)**, Spark Labs are permanent, modular, and future-ready, aligning seamlessly with **NEP 2020, UN Sustainable Development Goals, and global curricula.**



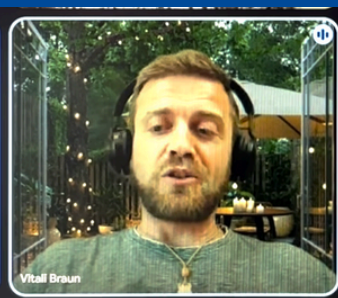


Each project is carefully designed to connect theory with real-world challenges empowering students to develop not just technical expertise, but also creativity, resilience, and problem-solving skills.

This miniature version of Lab of Future brings **world-class innovation directly into schools**, igniting curiosity, nurturing future scientists and engineers, and turning imagination into impact.

GLOBAL COLLABORATIONS

Our students are working closely with an **ESA Space Debris Engineer**, Vitali Braun on a live project on 'space debris' transforming their ideas into real-world research and adding their voices to global conversations on sustainable space exploration.



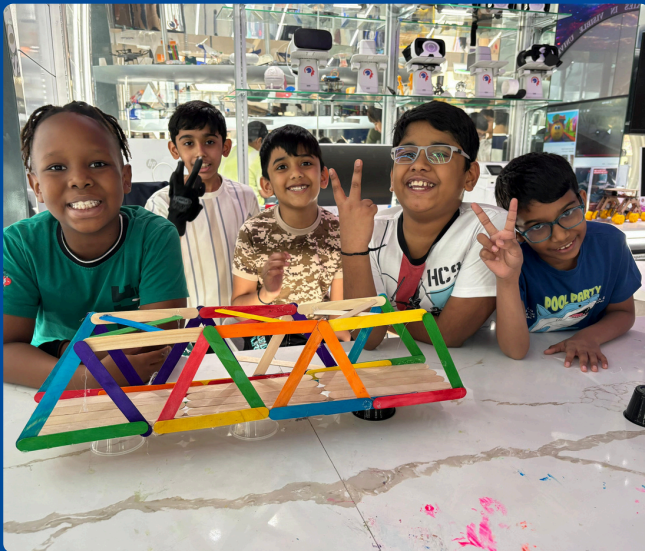
LOOKING FORWARD IN SEPTEMBER...

EAIE CONFERENCE, SWEDEN

We're excited to attend the EAIE Conference & Exhibition 2025 in Gothenburg, Sweden this September—a global platform to explore partnerships, joint programs, and collaborations. As we showcase our mission in Space Science, Robotics, AI & Future Skills, we look forward to building alliances that empower students worldwide to thrive in a changing world.



Week Without Walls: A hands-on, immersive program where the school becomes a real-world tech innovation hub and learning goes beyond classrooms.



Zero Gravity Camp: A 5-day immersive program in Dubai for students aged 12–18, blending hands-on space technology workshops, adventure, and cultural exploration. Participants engage in projects like space robotics, satellite design, AI for space, and aerospace engineering, guided by experts from ex- NASA, ISRO, CERN, and the European Space Agency. The camp offers internationally recognized certifications, mentorship from leading scientists and engineers, and a unique chance to experience Dubai's culture while gaining practical skills in future-ready technologies, making it an exceptional opportunity for aspiring young innovators.



School Labs Launch: Unveiling cutting-edge innovation labs in schools across the UAE, creating immersive spaces where students can dive into hands-on projects in aerospace, robotics, 3D design, and astronomy. These state-of-the-art labs are designed to inspire curiosity, fuel creativity, and give young innovators the tools and experiences to tackle real-world challenges and shape the future of science and technology in the region.



Stay tuned. Stay curious. Join the Curiosity Crew — your community awaits.

Be part of the mission. Scan the QR code to join the hub:



**Until next time.
Team Lab of Future**

Because the future isn't just imagined — it's built.