

OCTOBER

MONTHLY NEWSLETTER



OUR FOUNDER'S MESSAGE

I hope this message finds you well! As we conclude another exciting month at Lab of Future, I want to thank you for your continued support and enthusiasm for our mission. Your engagement—whether as a student, client, or partner—forms the foundation of our journey together. This month, we celebrated milestones by launching hands-on workshops in space science and robotics and empowering students through programs like Galactic Mechanics and the Space & AI clubs.

Looking ahead, we're excited to offer more interactive experiences, including a Space Tech Winter Camp for students aged 6-18, designed to ignite curiosity in space science and emerging technologies. We're expanding partnerships and inviting your feedback to shape our offerings further. Thank you for being part of Lab of Future; together, we're paving the way for a bright tomorrow. Stay curious, challenge limits, and let's create the future we envision!

ABOUT LAB OF FUTURE



OUR VISION

To cultivate a **thriving ecosystem** that nurtures **future scientists, innovators, and leaders** through **hands-on learning** and **collaboration**

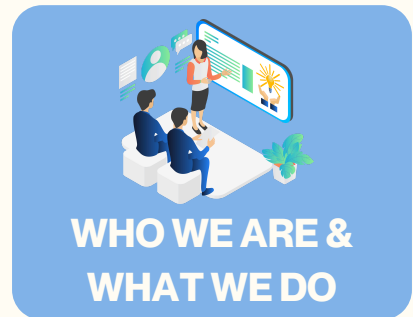
Empowering them to drive progress and address **the challenges of tomorrow**.



OUR MISSION

We inspire the **next generation of scientists, innovators, and leaders** through **hands-on learning** in **space science, robotics, 3D design, and programming**.

By fostering **creativity** and **collaboration**, we tackle **real-world challenges** to shape a **sustainable, tech-driven future**.



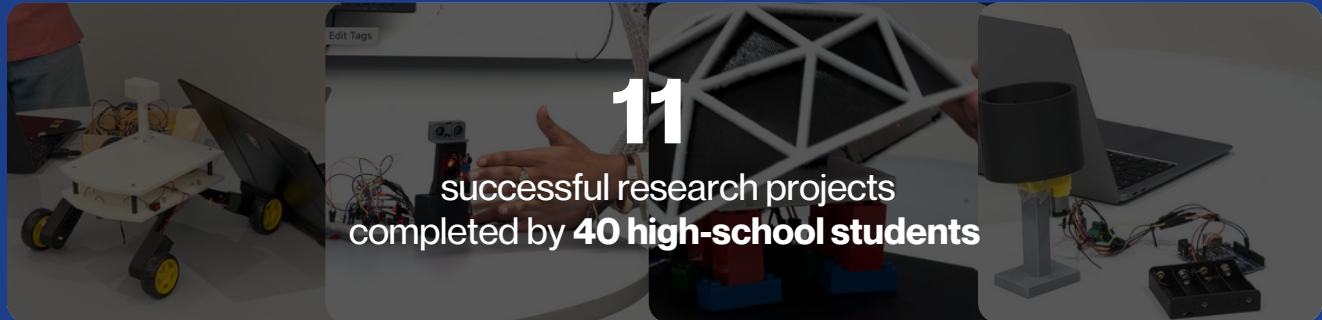
WHO WE ARE & WHAT WE DO

We are a **passionate team** committed to shaping the future through **engaging education** in **space science, robotics, and technology**.

Our focus is on **empowering young minds** to **explore, innovate, and collaborate, creating solutions for a sustainable world**.

HIGHLIGHTS OF THE MONTH

1. Student Achievements



2. New Projects

1. Handwritten Digit Recognizer

Gouri - Coding Trainer,
Lab of Future

Objective: Accurate Recognition of Handwritten Digits for Digital Document Processing and Analysis

Skill Level: Professional

2. Automatic Railway Gate Control using Arduino UNO.

Kiran - Lead Trainer,
Lab of Future

Objective: To Enhance railway safety by automating the gate control at railway crossings.

Skill Level: Advanced

3. IoT based Student Attendance Gamification with RFID

Kanhaiya - IoT Trainer,
Lab of Future

Objective: Encourage consistent attendance by turning daily check-ins into a points-based game, rewarding students with badges, privileges, and fun incentives.

Skill Level: Professional – RFID setup, Programming, Database Management.

4. Optical Character Recognition

Hazem - Artificial Intelligence Trainer,
Lab of Future

Objective: Recognize handwriting text

Skill Level: Advanced

Hazem's Input

3. Schools' Participation



4. Exciting Numbers

2,500

No. of visitors
at the Lab

20

No. of Experience
Tours Conducted

10

No. of Teachers
Trained

5

No. of
Projects Made

5. New Opportunities Created

We have established **internship opportunities** for our students with the following companies and **Student Exchange programs** between **India**, the **UAE**, and **Italy**.



ARIKISYS



ASSOCIATIONS & TIE-UPS



Collaborated with the **Dubai Astronomy Group** to offer **programs and activities** focused on **astronomy**.



Joined forces with the **National Science Museum in Milan, Italy**, to facilitate **student excursions**.



Aligned with **Mech Mechanics**, a 3D design and printing firm, to support **educational model creation**.

OPPORTUNITIES FOR STUDENTS

- **Collaborative internships** at Lab of Future & Partner Organizations
- Preparation for **national and international competitions**

OPPORTUNITIES FOR SCHOOLS

21+

Research Projects
for Students

4

Space & Tech
Workshops

5

Extra Curricular
Activities

5

Types of Lab
Tours (Age Wise)

UPCOMING EVENTS



COMMENTS BY **SPACE EXPERTS**

“

**Lab of Future is not just a mission;
it is a movement poised to create a
profound impact on the future.**



Dr. TP Sasikumar
Space Scientist, ex-ISRO

”

**Lab of Future is an outstanding
facility for developing research
across different fields of technology.**



Nambi Narayan
Space Scientist (ex-ISRO)

AND... **THAT’S ALL!**

As we conclude this month’s newsletter, we hope you enjoyed catching up on all the **exciting developments** at **Lab of Future** throughout **October**. From **new collaborations** to **hands-on projects** and **inspiring student achievements**, it’s been a dynamic month filled with progress and innovation.

Thank you for being part of our community and for your continued support. Stay tuned for more updates next month as we continue to **empower young minds** and **shape the future of science and technology**.

Until then, keep exploring and stay inspired!

Best regards,
The Lab of Future Team