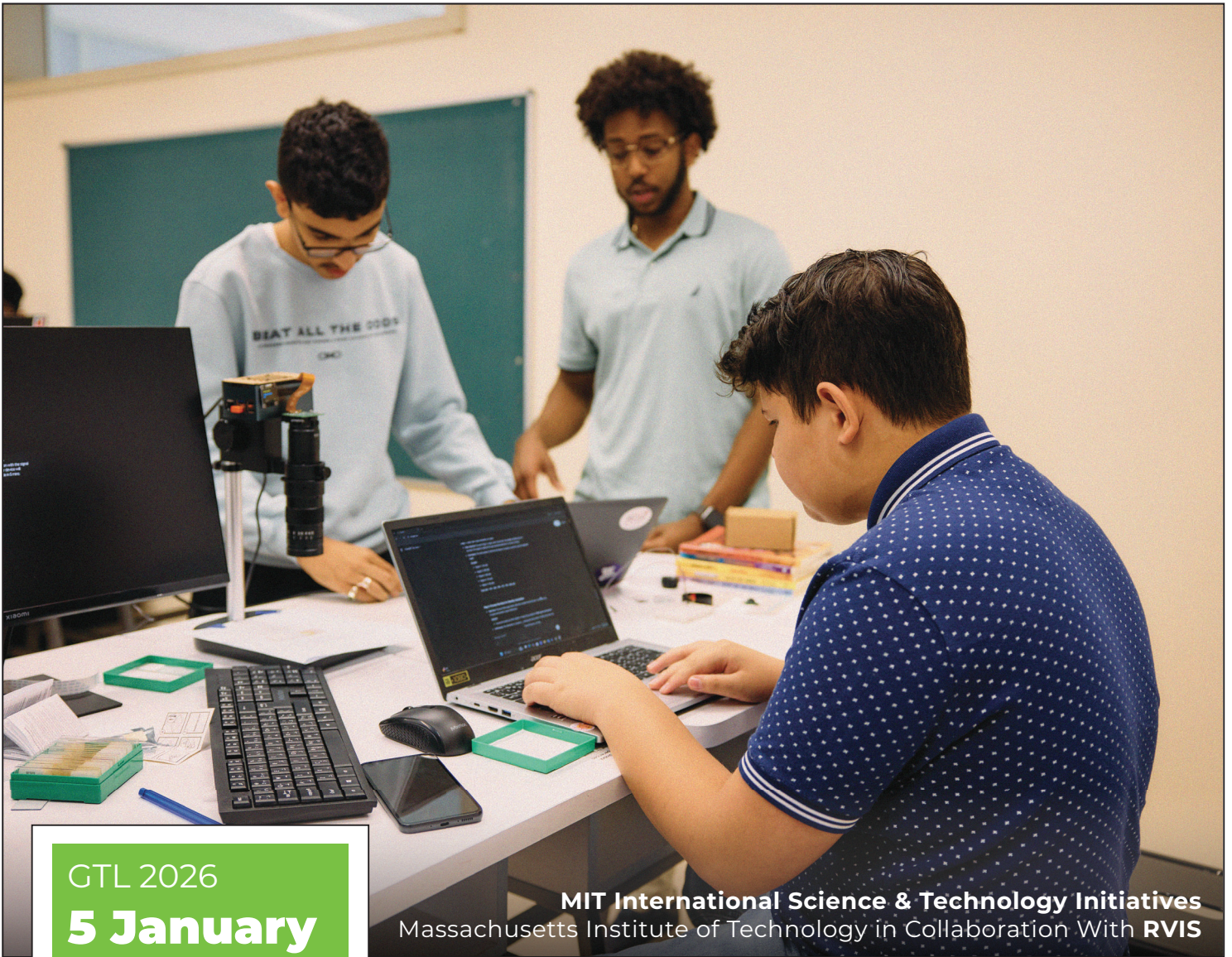


Vision Redefined: Exploring the World with AI Vision Quest



# AI VISION QUEST



GTL 2026

**5 January**  
**29 January**

Free of charge for all participants

**Weekdays:** 4:30 PM - 7:30 PM  
**Saturdays:** 9:00 AM - 4:00 PM

📍 Riffa Views International School

MIT International Science & Technology Initiatives  
Massachusetts Institute of Technology in Collaboration With RVIS

## KEY BENEFITS

- MIT instructors and world-class mentorship
- Certificate of Participation
- Full subscriptions to required software and AI tools
- RVIS Scholarships opportunities available

Register Here



# Vision Redefined: Exploring the World with AI Vision Quest

# AI VISION QUEST



## GTL 2026 - Program Overview

### 5 January - 29 January

Final Showcase: January 29, 2026

Participants will explore computer vision, artificial intelligence, and machine learning, creating projects like object detection systems, autonomous navigation models, and visual recognition applications using Python and OpenCV.

#### DESCRIPTION

**Duration:** 4 Weeks (January 5-29, 2026)  
**Students:** 30 Students  
**Instructors:** 5 Innovators  
**Target:** High School Students (Grades 9-12)  
**Total Hours:** 76 hours  
**Starting Date:** January 5, 2026

#### DETAILS

#### SKILLS STUDENTS WILL LEARN

- Python programming with AI libraries (OpenCV).
- Object detection, tracking, and classification.
- AI system design & ethical considerations.

#### FUTURE-RELEVANT SKILLS

- Computer vision, critical for autonomous systems, security, AI applications.
- Machine learning foundations, applicable across tech fields.

#### SOFT SKILLS DEVELOPMENT

- Analytical thinking and experimentation.
- Collaborative AI project development.

#### COMMUNITY IMPACT

- Develops talent for AI industries in healthcare, security, and smart city projects.
- Positions students for global AI trends while encouraging local solutions.

#### PREREQUISITES

- **Required:** Intermediate experience in Python.
- **Recommended:** Interest in AI, computer vision, and automation.