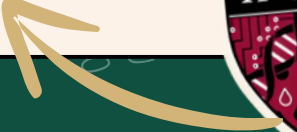


# Harvard Science Challenge



Grades 8-12



# WORKSHOP OVERVIEW

## **Comprehensive Knowledge and Practical Skills**

The Harvard Science Challenge provides a dynamic blend of theoretical insights, practical skills, and ethical considerations. This program is designed to inspire students to develop passion projects and consider their social impact projects, fostering a deep connection between their studies and real-world applications.

## **Engaging Activities and Diverse Sessions**

Participants will engage in a variety of interactive and hands-on activities, exploring fields such as biomedical engineering, mechanical science, and more. The curriculum emphasizes current and emerging trends in science and engineering, including advancements in neural networks and Artificial Intelligence. Our sessions aim to immerse students in both the latest innovations and future directions in these exciting disciplines.

# WORKSHOP DETAILS



Students get a **Completion Certificate** from The Ivy Learning Lab and Big Red Education, signed by the Mentor.



Opportunity to get a **Letter of Recommendation** from the Mentor



7-9 Feb, 2025  
6:30pm - 10:30pm IST



Online



Grades 8-12



INR 10,000 + GST



Deadline:  
1st Feb 2025

EARLY BIRD fee: N/A

Deadline: N/A



## DAY 1: INTRODUCTION AND EXPLORATION

- Icebreaker Activities and Team Formation
- Introduction to the Scientific Method and Engineering Design Process
- Innovations in Science
- Introduction to the “Science Innovation Challenge”

THE CURRICULUM





## DAY 2: INNOVATION AND TEAMWORK

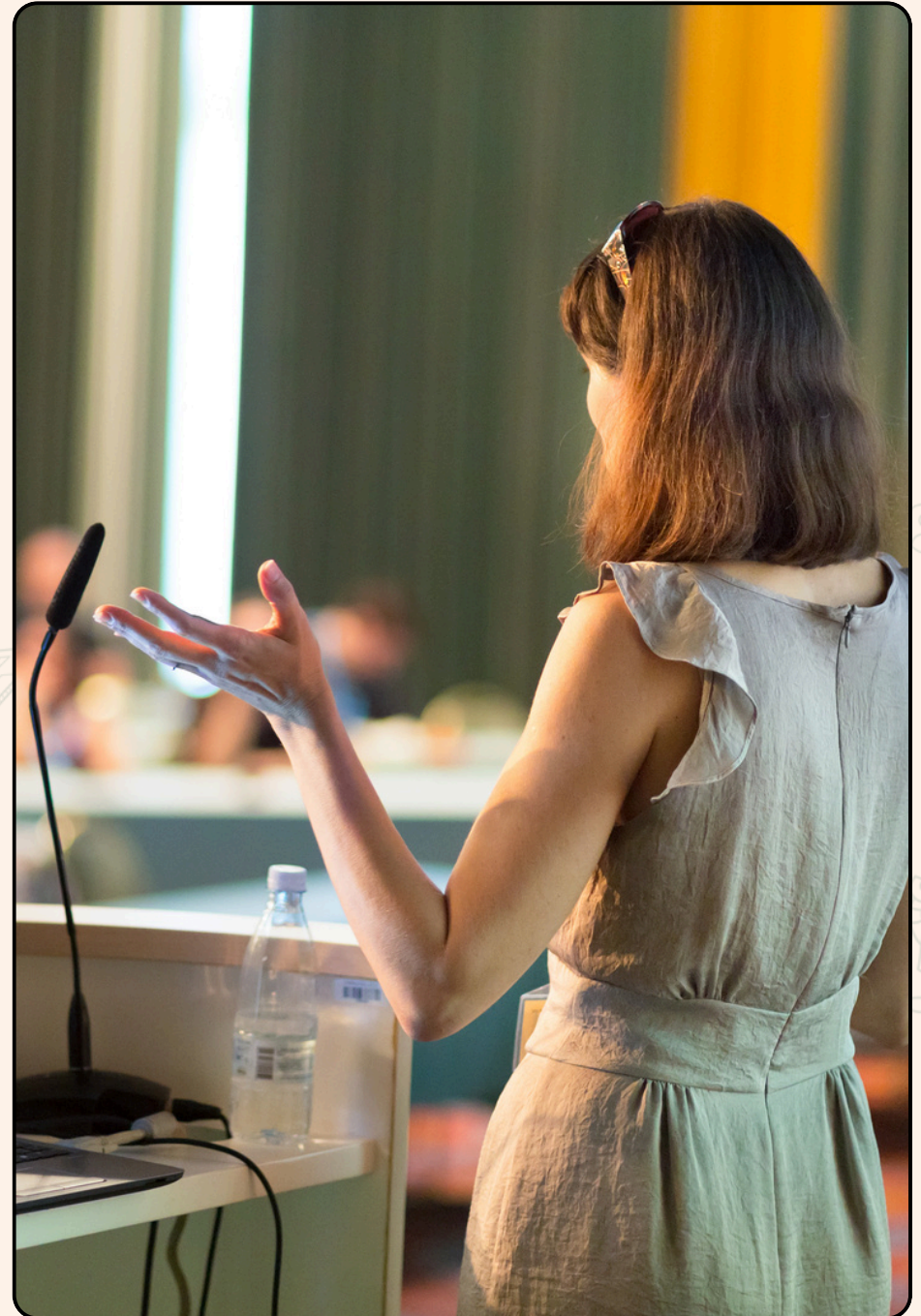
- Advanced Topics in Engineering
- Workshop: Scientific Research Techniques
- Ethical Considerations in Science
- Team Work: Challenge Introduction

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## DAY 3: PRESENTATION AND CELEBRATION

- Final Project Preparation
- Project Presentations
- Judging and Awards Ceremony
- Closing Remarks

THE CURRICULUM



# Harvard Science Challenge



Lead . Inspire . Solve . Share

**Start Your Journey NOW!**