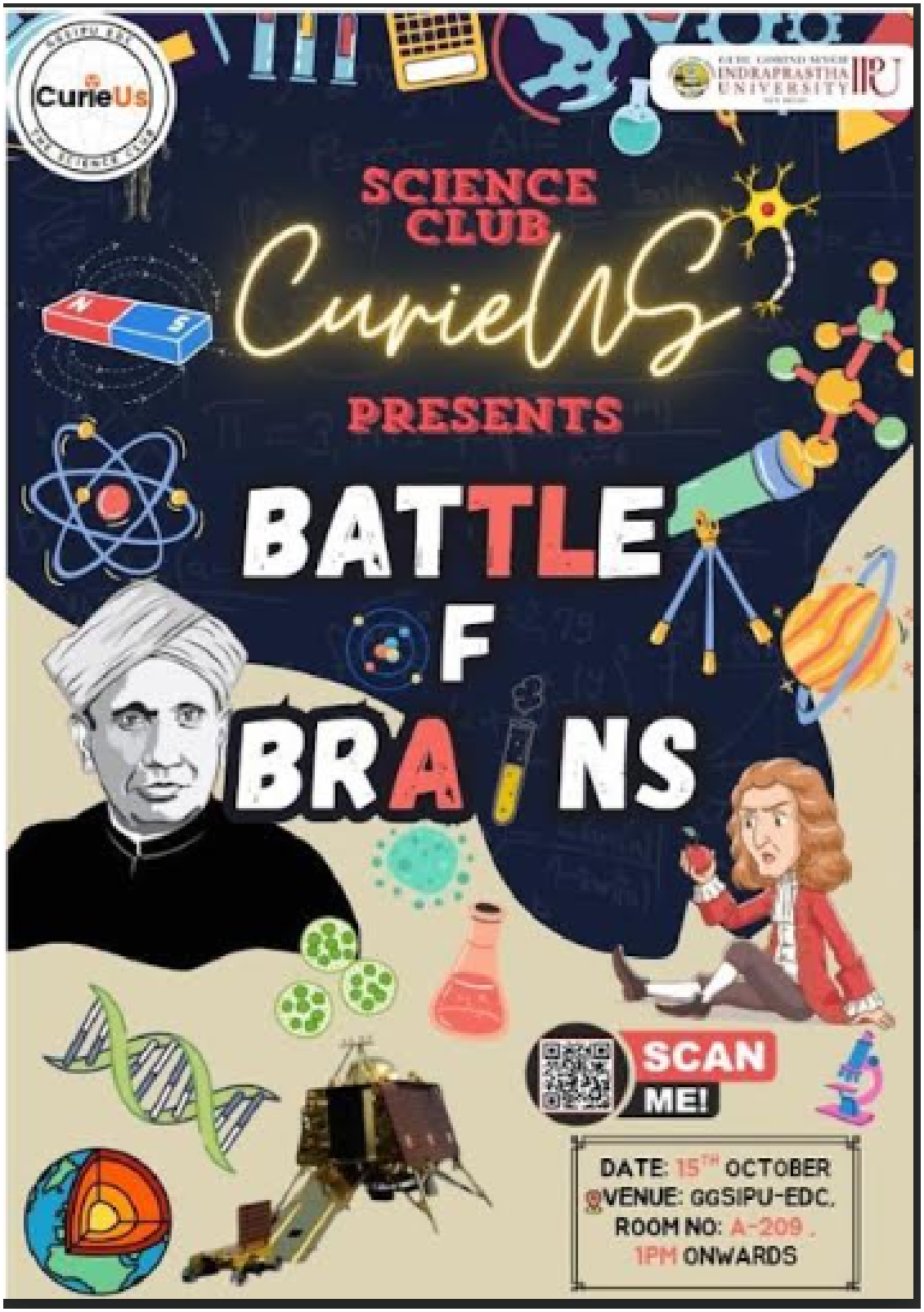
Battle of Brains 2025


CurieUs
INDRAPRASTHA UNIVERSITY
IPU
SCIENCE CLUB
CurieUs
PRESENTS
BATTLE OF BRAINS
SCAN ME!
DATE: 15TH OCTOBER
VENUE: GGSIPU-EDC,
ROOM NO: A-209 ,
1PM ONWARDS

BATTLE OF BRAINS 2025

15 October 2025 | A-209, USAR, GGSIPU EDC | 1:00 PM onwards

Overview

Battle of Brains 2025 was a multi-round science quiz organized by CurieUs, the Science Club of GGSIPU EDC. It brought together approximately 45–50 students from the first to third years of BTech to test their knowledge, analytical thinking and competitive spirit. The event covered physics, chemistry, biology, technology and scientific innovations, aiming to encourage curiosity, interdisciplinary learning and interest in STEM and research.

Objectives

The competition aimed to provide an interactive platform for exploring scientific concepts, strengthen interdisciplinary thinking and problem-solving, recognize scientific curiosity and intellectual excellence, encourage peer learning, and inspire students to consider STEM and research careers.

Faculty Mentorship and Participation

Prof. Kriti Batra and Dr. Pooja Rana guided the event from question development and content validation to coordination and evaluation. Their mentorship helped maintain academic quality and scientific rigor. Participants represented the first, second and third years, with opportunities for both team-based competition and individual engagement.

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Competition Structure

Round 1 — Eliminatory MCQ Round: A 45-minute round of 35 moderately difficult questions. Topics included mechanics, thermodynamics, electromagnetism, modern physics, chemistry, biology, general science and technology, Indian scientific achievements and Nobel laureates. Question formats included standard MCQs, assertion–reasoning, calculations, chemical nomenclature, fill-in-the-blanks and analogies. Correct answers earned four points; incorrect answers earned zero. The top 18 teams advanced.

Round 2 — Intermediate Round: A 30-minute round of application-based and conceptual questions. Participants received themes through a wheel spin. Areas included rotational motion, gravitation, quantum mechanics, chemical reactions, biological systems, evolution, technology, environmental science, Sustainable Development Goals (SDGs), astronomy and Indian scientists. Questions tested reasoning, data interpretation and cross-disciplinary problem-solving.

Round 3 — Finals: A 20-minute, highly challenging audio-visual round featuring scientific demonstrations, moving imagery, real-world phenomenon identification and lateral-thinking questions. Demonstrations included pendulum collisions to illustrate momentum and energy conservation.

Highlights and Learning Outcomes

The event used varied question formats to assess scientific understanding from multiple angles and connect classroom concepts with real-world applications. Strong participation across academic years reflected students' interest in science beyond routine coursework. Participants consolidated knowledge across disciplines, strengthened analytical and lateral- thinking skills, gained confidence in assessing their knowledge, and developed a stronger sense of academic community. Observers also benefited from exposure to advanced concepts and problem-solving methods.

Winners and Recognition

The top three winners were: 1st — Utsav Kumar (AR B1, third year, fifth semester]; 2nd — Mayank (AI-DS B2, third year, fifth semester); and 3rd — Arjun Kaushik (second year, AIML, third semester). All participants received certificates. The winners received cash prizes of ₹3,000, ₹2,000 and ₹1,000, respectively.



Recommendations for Future Events

Suggested improvements included expanding participant capacity, incorporating digital tools for access and record- keeping, and sharing study materials in advance. Future editions could benefit from a longer promotion period, topic- specific study guides, live-streaming the final round, and themed competitions such as Physics or Indian Science Innovations.

Faculty Coordinators

Prof. Kriti Batra; Dr. Pooja Rana; Dr. Mahesh Chand

Office Bearers

Eeshan Goel; Aditya Maiti; Abhiyansh Jain; Kriti Rastogi; Tanya Gupta

Acknowledgments and Conclusion

CurieUs thanks faculty mentors Prof. Kriti Batra and Dr. Pooja Rana, its leadership and core team, volunteers, the GGSIPU EDC administration, and all participating students. Battle of Brains 2025 successfully promoted scientific curiosity, intellectual excellence and collaborative learning. Its three-round format combined knowledge testing with applied and audio-visual challenges, making the event a valuable learning experience and supporting a stronger culture of scientific thinking at GGSIPU EDC.



