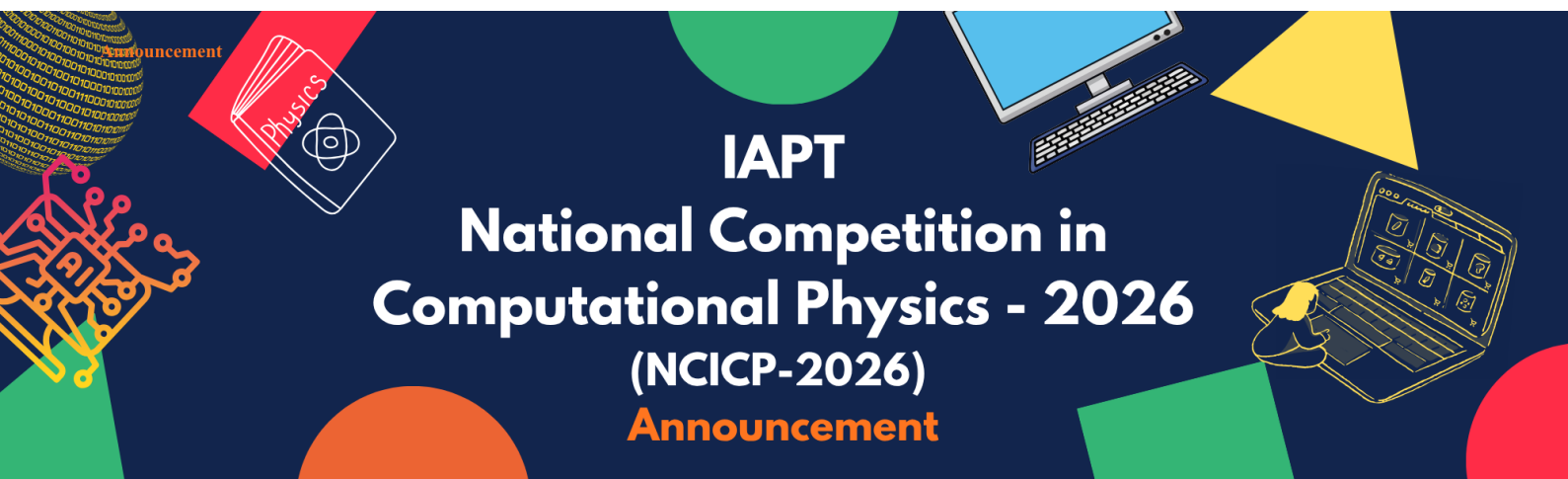




An Online Physics Simulations & Software-Based Physics Experiments Competition

A. Competition Theme

21st Century Computational Tools for Physics Exploration

B. Key Dates

- Event Registration Deadline (with submission of Title & One-Page Abstract)
Date **May 31, 2026**
- Interaction with Experts (Online) **June 15 – 30, 2026**
- Final Submission **July 20 - 31, 2026**
- Final Presentation & Interaction for Evaluation (Online) **August 10 - 20, 2026**
- Project Demonstration by Award Winners & Special Invitees About NCICP-2026
Objectives During IAPT Convention 2026

C. The National Competition in Computational Physics (NCICP-2026) aims to:

- ☐ Promote computational thinking, simulation-based analysis, and AI-driven problem solving in physics.
- ☐ Encourage students and researchers to develop innovative solutions for real-world physics challenges.

- Foster deeper engagement with computational physics through hands-on simulations and software-based experiments.
- Enhance modern scientific exploration by leveraging technology-driven methodologies. This competition serves as a platform for participants to explore cutting-edge computational techniques, drive innovation, and contribute to the future of physics research and education. Competition Categories.

D. Participant Categories, Subthemes and Scope

NCICP-2026 will have three (03) categories:

- 1 . Undergraduate (UG)
- 2 . Postgraduate (PG) & Research Scholars
- 3 . Educators

Category 1: Undergraduate (UG) – Foundations of Computational Physics

Category 2: Postgraduate (PG) & Researchers – Advanced Computational Physics

Category 3: Educators – Computational Physics in Teaching & Learning

E. Evaluation Criteria

1	Literature Survey
2	Methodology & Implementation
3	Analysis of Results & Interpretation
4	Discussion & Critical Insights
5	Conclusions & Impact
6	Novelty & Innovativeness
7	Breadth & Depth of Study in the topic chosen
8	Scope for Future Work
9	Bibliography & Quality of Resources
10	Presentation & Engagement in Interaction

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Result of NCICP 2026

Category	Single / Group Leader	Institution	Total Marks obtained (450)	Rank for Award
1 (UG)	Bharath Bharadwaj V	Global Academy of Technology, Bengaluru	339	First
1 (UG)	Aritra Kanrar	Asutosh College, Kolkata	335	Second
1 (UG)	Nitigya Nimesh	St. Xavier's College, Ranchi	312	Joint-Third
1 (UG)	Sucheta Pattanayak	Presidency University, Kolkata	312	Joint-Third
2 (PG)	Aryan Shrivastava	National Institute of Science Education and Research (NISER), Bhubaneswar	340	First
2 (PG)	Mrinal Kanti Pal	Prabhat Kumar College, Contai	312	Second

For the Category 3 (Teacher): No Awardee is selected (Projects were good but did not adequately meet the selection criteria)

Congratulations to all winners and participants

The projects were evaluated by three esteemed experts in each category and aggregate marks were considered towards the final results.

We are happy to thank the expert evaluators Prof. S. Minhaz Hossain, IEST, Shibpur, Prof. Jagdish Kumar, Central University of Punjab, and Dr Mahesh Shetti, Wilson College, Mumbai for their voluntary services in this competition.

The prizes according to IAPT norms will be distributed in the Annual IAPT Convention at Amity University Noida, NCR Delhi from October 04 to 06, 2026. For details of Convention, Venue etc. contact Prof. H. K. Sahijwani President RC-1, Mobile 09871697878, Dr. S.K. Singhal, Convener, Mobile 9868516554, Prof. Manish K. Kashyap, Coordinator, Mobile 9467210306.

Dr. Pradipta Panchadhyayee
Coordinator, NCICP-2026