



NATIONAL COMPETITION FOR INNOVATIVE EXPERIMENTS IN PHYSICS (NCIEP) – 2023 Announcement

National competition for innovative experiments in Physics (NCIEP) is being held since 2003, to encourage Physics Teachers, students and Physics educators to conceive and set up original innovative experiments in Physics. The Competition is held every year at the venue of the Annual Convention of IAPT. Innovation rather than sophistication is the main theme and therefore the use of computers for data acquisition and display is not allowed.

Please read the following guidelines: There are three categories.

1. (A) The participant can be a teacher at any level or M. Phil. / Ph. D. awarded /Ph.D. pursuing student or a Scientist from national laboratories or a science communicator working in science centres, etc. He/she need not be an IAPT member.

(B) The participant can be a student pursuing UG/PG course

(C) The participant can be a High School student Studying in 9-12 standard.

For all categories participants themselves have to demonstrate the experiment.

2. The experiment should be an original one, designed by the participant himself/herself. It can be even a demonstration type experiment.

For category 'C' students can work under the guidance of a teacher.

3. Top 3 experiments from each category A, B and C are awarded cash prizes.

Category	Participants	First prize	Second prize	Third prize
A	Teachers/scientists/science communicators/ Students pursuing M.Phil/Ph.D	Rs 7000/-	Rs 5000/-	Rs 4000/-
B	Students pursuing UG/PG course	Rs 7000/-	Rs 5000/-	Rs 4000/-
C	Students studying from 9-12 standard	Rs 7000/-	Rs 5000/-	Rs 4000/-

4. The covering letter in the form of an email must contain: Title of the experiment, name of the participant (s) with age, category A / B /C, institutional affiliation of each

participant, address for correspondence, email address and mobile number along with the following declaration:

“The proposed experiment is original, designed and developed by the participant(s) and not published / submitted elsewhere”.

Format given at the end.

5. Please submit the write-up of experiment as an email attachment (word & PDF file) to the coordinator at the email id: **nciepiapt03@gmail.com** in the following format: *Times New Roman, font size 12, line spacing 1.5, justified, sufficient margins on all sides. It should contain title of the experiment, abstract of the experiment (not exceeding 300 words), detailed theory with necessary diagrams, procedure, observations, calculations, graphs, results and references. There is no limit for the number of pages. The participant should not write his / her name, name of college / school, etc. anywhere. This may reveal his/her identity.*
6. Selected entries from each category will be invited for demonstration at the 37th IAPT convention. Exact dates and venue will be notified later. Convention is likely to be held at Jaipur during the first-second week of October 2023. The invited participants will be paid railway fare from work place to convention place as per IAPT rules. In case of joint authors only one of the participants is eligible to receive TA (as per IAPT rules). Top ten student participant entries (for category B and C) may be given an amount of Rs 1000/- each towards expenditure incurred towards setting up the experiment. The selected participant has to come with his/her own setup for final demonstration.
7. Please feel free for any query at e mail **nciepiapt03@gmail.com**
8. Decision of the judges will be final.
9. The abstracts of all the selected experiments will be published in IAPT bulletin after the competition. IAPT bulletin has ISSN number 2277-8950.
10. **Closing date to receive the entries is 30th August, 2023.**

All participants after submission of the experiment, register at the following link

<https://forms.gle/ff61yAiwK8cLQzn1A>

Dr Geetha R S
National Coordinator, NCIEP
(m) 8088812890 You can also WhatsApp
E mail : nciepiapt03@gmail.com

Declaration letter

Title of the experiment:

Name(s)of participants	1.
	2.
	3.
Institution address	
Category of participation (A,B or C)	
Class in which studying	
Date of birth	
Mentor name (in case it is applicable) and address	
Mobile number	
E mail for communication	
Address for communication	

“The proposed experiment is original, designed and developed by the participant(s) and not published / submitted elsewhere”.

Signature of participants

Signature of mentor (if applicable)