

Indian Association of Physics Teachers (IAPT)

NATIONAL COMPETITION FOR INNOVATIVE EXPERIMENTS IN PHYSICS (NCIEP) – 2016

This activity is being held since 2003, to **encourage Physics Teachers to conceive and set up an original innovative experiments in Physics**. The Competition is held every year at the venue of the Annual Convention. **Innovation rather than sophistication is the main spirit of the competition** and, therefore, the **use of computers for data acquisition and display is not allowed**.

Please read the following guidelines carefully:

Eligibility of the Participant & Expected Type of Innovative Experiment:

1. The participant can be a teacher at any level or M. Phil. / Ph. D. awarded / pursuing student or a scientists from national laboratories or a science communicator working in Science centres, etc. He /She need not be an IAPT member.
2. The experiment should be an original one, designed by the participant himself / herself. It can be even a demonstration type experiment.

Entries and Prizes:

1. There will be two categories of entries and prizes on the basis of age. Top 3 experiments from each category A and B may be awarded cash prizes.

Category	Age	I st prize	II nd prize	III rd prize
A	≤ 45 yrs	Rs 5000/-	Rs 3000 /-	Rs 2000/-
B	> 45 yrs	Rs 5000/-	Rs 3000/-	Rs 2000/-

How to Submit:

1. Submit the experiment as an email attachment (word & PDF file) at vyasoman.iapt@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 pages. The participant should not write his / her name, name of college / school, etc. anywhere. This may reveal his/her identity.

2. 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, 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”.

Post Submission Process:

1. Selected entries from each category will be invited for demonstration at the 31st IAPT convention venue to be held at Gandhinagar. The dates and venue will be notified later. Generally the convention is in mid October. ***The invited entries will be paid full railway fare from work place to convention place plus expenses on carrying the equipment if necessary as per IAPT rules.*** In case of joint authors only one of the participants is eligible to receive traveling charges (as per IAPT rules). The selected participant has to come with his own setup for final demonstration.
2. Decision of the judges will be final.
3. The abstracts of all the selected experiments will be published in IAPT bulletin after the competition. IAPT bulletin has ISSN number 2277-8950.

Closing Date:

1. It is aimed to give each selected participant at least a margin of clear 60 days for railway reservation and therefore the **closing date to receive the entries is 30 June 2016.**

Contact Details:

1. Please feel free for any query at Tele. No. 09822228348,
2. Email: vvsoman.iapt@gmail.com

**Dr. Vijay V. Soman,
National Coordinator, NCIEP**