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To  
The Principal

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July 25, 2014

**Subject: Nominations for National Experimental Skills Test (NEST)**

Indian Association of Physics Teachers (IAPT) is an organization committed to upgrade the quality of Physics Education in India at all levels. Started in 1984, it has more than 6000 life members and is a workforce to implement a number of programmes enriching Physics education. Anveshikas are centers for developing innovative experiments related to Physics teaching and learning, and promoting experiment-based Physics teaching. There are 19 Anveshikas in India working under the umbrella of National Anveshika Network of India (NANI).

NANI is conducting National Experimental Skill Test (NEST) at all the 19 centers to encourage the culture of doing experiments. NEST is being organized at Two Levels, (1) School Level, Class 9 to Class 12 and (2) College Level, BSc/MSc. The test format is as follows:

**Screening:** Nominations are invited from schools/colleges for participation in NEST. A maximum of three nominations per institution will be accepted. In special cases, individual nominations can also be accepted. Out of the total nominations received at each Anveshika, screening will be done to select a maximum of 20, through a video quiz. A short experiment will be shown in each video and questions will be asked based on the experiments shown. Based on the answers screening will be done to select students for Prelim.

**Prelim:** Each student in Prelim will be required to perform a set of 4 experiments. Evaluation will be done by the evaluating team on performing the experiment with care, results obtained and the analysis done. From each Anveshika, the topper in each level (school/college) will move to Finals.

**Semi Final and Final:** Semi Final and final competition of NEST will be done at SGM-IAPT Anveshika, Kanpur. The semi finalists will be given another set of experiments to perform. Based on this, certain numbers will be selected for Final round. National Winners will be selected through a third set of experiments from these finalists.

**Prizes:** The National Winner of NEST will be invited to the National Convention of IAPT at Sri Guru Gobind Singh College, Chandigarh to receive the Prize in the Prize ceremony. Second and third runner ups will be given prizes at corresponding Anveshikas. Besides this, the three toppers at Prelims will be given prizes at Anveshika.

	First	Second	Third
National Winners	Rs 5000/-	Rs 3000/-	Rs 2000/-
Prelims Winners	Rs 1000/-	Rs 750/-	Rs 500/-

**Registration:** Each institution may nominate a maximum of three students by sending (1) Name, (2) Class, (3) School, (4) Mobile, and (5) Email, to the local organizer on or before ~~25th~~ 31st July, 2014. There is no registration fee. Important dates are:

Registration	Screening	Prelims	Semi-Final	Final	National Prize
July 25 31, 2014	2nd Aug	9th Aug	16th Sep	17th Sep	Oct 10, 2014

**Local Organizer:** NEST in Hyderabad will be organized by **Vijnana Bharati** ([www.vijnanabharati.org](http://www.vijnanabharati.org)), an organization known for promoting scientific attitude with national interest as key motive. The postal addresses of local organizers are (a) Vijnana Bharati, 3rd Floor, Jagruthi Bhavan, Opp-Jain Temple, Kachiguda, Hyderabad (b) ViBha-IAPT Anveshika, 116, Nakshatra Colony, Balapur, Hyderabad-500005. The nomination details i.e., student's (1) Name, (2) Class, (3) School, (4) Mobile, and (5) Email, may be sent via:

1. Email to [jsinghdrdo@gmail.com](mailto:jsinghdrdo@gmail.com) or [gln.murthy@gmail.com](mailto:gln.murthy@gmail.com)
2. SMS to 8008272765 or 9704708505
3. By post at above mentioned address

The selected candidates will be informed about the test venue via Email/SMS/Phone on or before ~~28th~~ 31st July, 2014. These details can be seen at [www.concepts-of-physics.com/anveshika/nest-2014](http://www.concepts-of-physics.com/anveshika/nest-2014).

Expecting motivated physics students from your school,

Jitender Singh  
(Local Coordinator)