

NATIONAL ANVESHIKA NETWORK OF INDIA

A Programme of Indian Association of Physics Teachers

Working for uplifting Physics Education at all levels

National Coordinator: Dr. H. C. Verma, Physics Department IIT Kanpur

To

Date:

The Principal,

IAPT is an organization committed to upgrade the quality of Physics Education in India at all levels. Started in 1984, it has more than 7500 life members and is a workforce to implement a number of programs enriching Physics education.

Anveshikas are centers for developing innovative experiments related to Physics teaching and learning, and promoting experiment-based Physics teaching. There are 22 Anveshikas in India working under the umbrella of **National Anveshika Network of India** (NANI).

NANI is conducting **National Anveshika Experimental Skill Test** (NAEST) at all the 22 centers to encourage the culture of doing experiments. NAEST is being organized at two levels, **(a)** School Level, Std 9-12 and **(b)** College Level, BSc/MSc. The format of the test is as follows. There is **No Registration Fee**.

Screening

Nominations will be asked from schools/colleges for participating in NAEST. A maximum of 10 nominations per institution will be accepted. In special cases, individual nominations can also be accepted. This does not form a team as the competition is at individual level.

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 3 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 and college) will move to Final.

Semi Final and Final

Semi Final and final competition of NAEST 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 NAEST will be invited to the National Convention of IAPT at Haridwar to receive the Prize in the Prize Distribution ceremony. Second and third runner ups will be given prizes at corresponding Anveshikas.

Besides this, the 3 toppers at Prelims will be given prizes at Anveshika.

National Winner: Rs 5000/-

National First runner up: Rs 3000/-

National Second runner up: Rs 2000/-

Anveshika level Prizes (5) : 1st – Rs. 1000/-, 2nd Rs. 750/- and 3rd Rs. 500/-, **Special Prizes** for Std IX and X toppers Rs. 500/- x 2

Important Dates-

Receiving nominations from Institutions – August 10, 2018

Screening : 18 August 2018

Prelims: 26 August 2018

Semi Final (at SGM-IAPT Anveshika), 15 September, 2018, 3 PM-6 PM

Final (at SGM-IAPT Anveshika), 16 September, 2018, 9 AM onwards.

National Winner Prize: October 31, 2018.

IAPT-Shilpa Nandkumar Memorial Award has been constituted for College level and School level NAEST.

The details are in a separate file.

Please send the name of the participants at the given address/email by **10 Aug 2018**

Jitender Singh, Coordinator, ViBha-IAPT Anveshika,

Contact person: Mr GLN Murthy 9704708505

You can also send via email at **jsinghdrdo@gmail.com**

Thanking You,

Yours,

Jitender Singh

Coordinator,

ViBha IAPT Anveshika