



National Anveshika Network of INDIA (NANI)

A program of INDIAN ASSOCIATION OF PHYSICS TEACHERS (IAPT)

in association with CCE IIT Kanpur

PRESENTS

National Anveshika Experimental Skill Test

NAEST-2021

Information Brochure

powered by

mookIT

IAPT (Indian Association of Physics Teachers) is an organization which is committed to ameliorate the quality of physics education in India at all levels. Established in 1984, it has more than 8300 life members, who act as a workforce, to implement a variety of programs organized for enriching physics education in the country.

More information about IAPT can be found on <https://www.indapt.org>

Anveshika: 26 Anveshikas spread along the length and the breadth of the country, working under the umbrella of the National Anveshika Network of India (NANI), are the Nodal centers of IAPT which are devoted to developing innovative experiments and promoting the culture of experiment based to teaching/learning of Physics.

01 | NAEEST- 2021 General Information

NANI conducts National Anveshika Experimental Skill Test (NAEEST) every year through the Anveshikas to encourage the culture of doing experiments since 2014. NAEEST is a unique examination and perhaps first of its kind in India. NAEEST is organized for two groups,

- (a) Junior (18 years and below, as on 31 July 2021)
- (b) Senior (Above 18 years, as on 31 July 2021)

NAEEST-2021 will be conducted in three stages -

1. **Screening:** In the screening round, 8 to 10 short videos of some innovative experiments will be shown to students. Questions, based on the experiments shown in those videos, will be asked to test their observation skill and basic understanding of the subject.

Note: The test window will remain open for 24 hours. Students can appear as per their convenience in a pre-opted 1-hour slot.

Mode: Online on mookIT platform.

2. **Prelims:** A unique round to perform experiments at home, with the material easily available. Selected students from the screening will be allowed in prelims. Prelims focuses on performing experiments, analysis of the data, and inference by the participants. Prelims toppers will compete in the next round. Details will be shared with the selected students.

Mode: At home

3. **Finals:**

Selected students from Prelims will enter the Finals. Here they will perform rigorous experiments. Details will be shared with the selected students.

Mode: At home, with NANI ka Dabba provided.

As always, there is No Registration Fee for NAEEST

02 NAEST 2021: Who can register for screening?

Any Indian student studying in class 9/10/11/12/B.Sc/M.Sc from any State Board/Central Board or affiliated Colleges/Universities of India.

Note - Students enrolled in courses, other than mentioned above, need not register. At any stage, a student not found to fulfil any of the above criteria, will be immediately disqualified.

03 NAEST 2021: How to register?

Eligible candidate can register individually through the website:



<https://nani.hcverma.in>



1. Screening: Participation certificate by IIT KANPUR, for eligible students participating in screening, based on their performance.

Eligibility Criteria: Above Cut-off marks in screening test.

2. Prelims: (Regional Prizes):

First Rs. 1000/-

Second Rs. 750/-

Third Rs. 500/-,

3. Finals: (National Prizes)

1. **Winner:** Rs 5000/-

2. **First runner up:** Rs 3000/-

3. **Second runner up:** Rs 2000/-

The National level prizes are awarded under the scheme of **IAPT-Shilpa Nandakumar Memorial Award** constituted for Junior and Senior groups separately.

04 **NAEST -2021 Important Dates**

- 1. Registration open on 1 August 2021**
- 2. Screening: 20 September 2021**
- 3. Prelims: Second week of October 2021**
- 4. Finals: November 2021**

Exact dates & mode of prelims / finals will be communicated to selected students by email. Once registered, be alert and check for mails regularly.

05 NAEEST 2021 Highlights

1. There is no bar on number of students registered from a single Institute.
2. One video of an experiment will be released every day on discussion forum of the website from 1 August 2021 till 18 September, 2021. Some videos of the previous screening tests will also be released during this period to give an idea of the nature of screening test.

This will be a kind of incentive for the students who register early.

3. Once a student gets registered he/she can post her/his questions/doubts or any kind of difficulty in understanding the subject, in the forum section of MookIT platform. The fellow participants registered on this platform can discuss among themselves. Our Anveshika resource persons shall be addressing these queries /doubts, in the forum.

Prof. H. C. Verma himself may ultimately provide the expert opinion. Hence, the registered students will get an additional opportunity of a 58 days of interactive peer learning.

Screening test will be held online on 20 September 2021.

*NAEEST-2021 screening will be a festival of collaborative learning,
spanning more than a month!*

