



**Ref No. IPSCR/M&S/2024-2025/Cir 012**

**Date: 16/04/2024**

Dear Guardians

Jai Hind!

This is to inform you that NATIONAL ANVESHIKA NETWORK OF INDIA (NANI) , a unit of INDIAN ASSOCIATION OF PHYSICS TEACHERS(IAPT), in collaboration with SHIKSHA SOPAN, conducts a unique experimental skill test in physics annually the **NATIONAL ANVESHIKA EXPERIMENTAL SKILL TEST(NAEST)**, under the leadership of Dr. H. C. Verma (recipient of the Padma Shri award 2020), with the help of its network of 30 Anveshikas all over India.

### **Eligibility**

Students studying in any **class 9/10/11/12** from any State Board/ Central Board of India.

### **Tentative Dates**

Registration process has started in month of April.

May 20, 2024 - Registration closes

June 02, 2024 - Screening Test for Batch 1

June 05, 2024 - Screening Test for Batch 2

**Kindly note that there is no registration fee at any stage of the test.**

### **The Various Rounds Of NAEST**

The first round: SCREENING (ONLINE)

STEPS TO PARTICIPATE:

1. Register at the site: <https://naest.shiksha-sopan.org/>
2. Appear for the screening paper at the online Shiksha Sopan platform on the scheduled date.

The screening paper: It is a video-based paper. There will be 10 short videos of about a minute from some observations in our day-to-day life or in the labs. Multiple choice questions having one or more correct answers are framed on the basis of the videos. The questions basically aim to test some concepts of physics.

The second round: PRELIMS(ONLINE)

Short listed students from the screening round enter into the prelim round after verification of eligibility through Adhaar and marksheets. In this round the student has to perform three experiments, the write up of which is sent at their homes. They are then expected to make and send a report which includes their observations and analysis and videos. These experiments are designed in such a manner that they can be performed using materials at home. Innovation required in the set-up for these experiments done at home tests the skills of the student.

### **Evaluation process in Prelim round**

For the evaluation of the reports, the students will be grouped into various centres. There will be a Centre-wise evaluation of the reports independently at each centre. Each centre topper will be selected for the semi final round. If the centre topper expresses his/her inability to participate in the semi finals, the same opportunity will be given to the 2nd or 3rd topper.

### **Semi final and the final rounds**

These rounds are held in physical mode in Kanpur for all the selected students under the direct guidance of Dr. H. C. Verma. In the semi final round, they have to perform three new experiments on the set-up which is made in the divine premises of Sopan Ashram. Students who qualify in the semi final round will go into the final round to work on new experimental set-ups, where the national winner is then declared.

### **The Prizes**

Regional prizes at each centre:

(Prelim round)

First: Rs. 1,000

Second : Rs. 750

Third: Rs. 500

National Prizes

First: Rs. 5,000

Second : Rs. 3,000

Third: Rs. 2,000

Participation certificates will be issued to all those students who appear for the screening round. The National winners will be felicitated at the National convention of IAPT.

### **Additional prizes**

Sponsored by Pragati foundation, Shiksha Sopan will also give one-time cash awards to the national winners:

First: Rs. 10,000

Second: Rs. 5,000

Third: Rs. 2,500

Scholarship by Pragati foundation of up to Rs. 50,000 per year for four consecutive years for the top three winners in class 9-12 group who go for higher studies. Scholarship amount can be raised to Rs. 80,000 per year based on the adjudged economic condition of the student.

For registration, further details and content like sample questions visit :

<https://naest.shiksha-sopan.org/>

**With Regards,**

**Mrs. Renu Sharma**  
**Principal (IPS-CR)**  
**Assistant Director – School Systems (IGS)**

**Ms. Parul Singh**  
**Head Mistress**  
**(Middle & Secondary Stage)**