

# International Nanotechnology Olympiad

for High-School Students



SCAN ME !



## From Education to Global Competition:

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|--|------------------------|
| ■ Basic training and mock exams to prepare students followed by a national exam and team selection by countries:   | 📅 April 1 – June 30    |
| ■ Registration of selected national teams for the International Olympiad:  | 📅 July 1 – July 31     |
| ■ Participation of selected teams in specialized training workshops focused on the announced challenge for the 1st International Nanotechnology Olympiad for Students: | 📅 August 1 – August 31 |
| ■ Final Online Exam of the 1st International Nanotechnology Olympiad for Students  | 📅 September            |

for more info visit: [www.nanolympiad.org](http://www.nanolympiad.org)



## About Us

The International Student Nano Olympiad is a unique and global scientific competition aimed at identifying and nurturing scientific elites in the field of nanotechnology. This event, which will be held online in September 2025, provides an exceptional opportunity for students aged 16 to 18 from around the world to challenge their knowledge, creativity, and talent in an international scientific arena

Iran, as the founder and permanent secretariat of this Olympiad, has established this event to strengthen global scientific cooperation and to create a platform for the growth of top talents and their guidance towards research and innovation. This Olympiad is more than just a competition; it serves as a bridge connecting the scientific elites of the next generation with the pioneers of nanoscience

So far, 16 National Nanotechnology Olympiads have been held in the Islamic Republic of Iran, and more than 110,000 high school students have participated in them

## Objectives of the Olympiad

- Identifying and introducing top talents
- Creating a scientific network among elite students and prestigious universities worldwide
- Strengthening international scientific relations and fostering research collaborations between countries
- Expanding knowledge of nanotechnology globally
- Providing research and innovation opportunities for participants and guiding them toward advanced scientific paths
- Establishing a healthy and motivational competition to nurture future scientists and researchers in nanotechnology
- Encouraging countries to invest in education and research in nanotechnology

## Participating Countries

The International Student Nano Olympiad is held with the participation of various countries from around the world. Each country can nominate 1 to 5 high school students to form scientific teams. However, the impact of this competition goes beyond participant numbers; member countries actively contribute to various aspects of the event.

Roles of participating countries include:

- Collaborating in the design of Olympiad questions
- Proposing annual challenges based on the latest scientific advances
- Cooperation in judging to more accurately evaluate participants
- Assisting in educational programs and providing scientific content to prepare students
- Establishing connections between top talents and scientific institutions in their countries

## How to Participate

- **Registration:** Eligible students complete their registration via the official website.
- **Access to Educational Resources:** Participants gain access to educational videos and research materials.
- **Simulation Tests:** Students can take practice tests to familiarize themselves with the structure and style of the Olympiad questions.
- **Participation in the Olympiad:** The main test is held in September 2025 and includes both individual and group sections.
- **Results Announcement and Award Distribution:** After evaluating participant performances, medals and special awards are granted to top achievers.

## Simulation Test

The simulation test is a key stage of the Olympiad, conducted online under strict security protocols. This test serves as a platform for students to assess their abilities in a setting similar to the main Olympiad. It includes:

- Question tiering from basic to advanced levels to assess students' knowledge
- Annual challenges designed based on the latest scientific advancements in nanotechnology
- Anti-cheating controls and multi-stage identity verification to ensure result integrity
- Analytical feedback after the test to help participants improve their academic performance
- This simulation test not only enhances participant preparedness but also serves as a scientific tool to evaluate global talent levels in nanotechnology.

## Awards and Recognitions

The awards of this Olympiad go beyond medals and certificates of honor. The unique opportunities of Nano Olympiad for students include:

- Gold, Silver, and Bronze medals for the top individuals
- A special award for the country that wins the most medals
- An international certificate of honor for all top achiever and certificate participation in this prestigious event
- Scholarships and exclusive educational opportunities at top global universities
- Opportunities to attend scientific conferences and advanced research workshops

These awards are designed to shape the future scientific careers of winners, connecting them to a global network of researchers and experts.