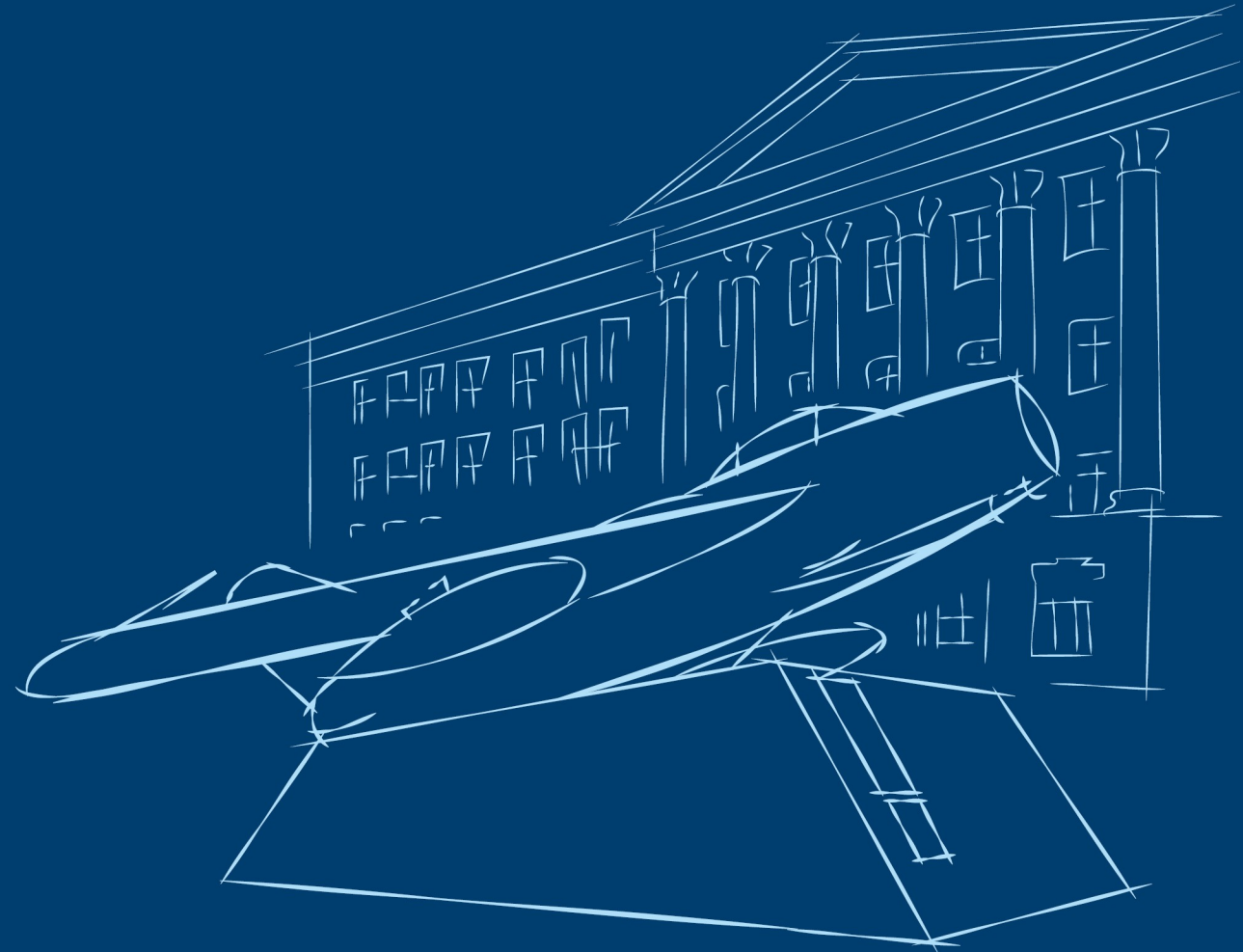




НАЦІОНАЛЬНИЙ  
АЕРОКОСМІЧНИЙ УНІВЕРСИТЕТ  
«ХАРКІВСЬКИЙ АВІАЦІЙНИЙ ІНСТИТУТ»

NATIONAL AEROSPACE UNIVERSITY  
«KHARKIV AVIATION INSTITUTE»

**1 NO POVERTY**



## 1. Education as a Tool for Escaping Poverty

Free preparatory courses for the NMT for school students from low-income families and internally displaced persons (already implemented by KhAI).

KhAI Physical and Mathematical School — developing the intellectual potential of children who do not have access to quality education.

The Physical and Mathematical School of the National Aerospace University “KhAI” is a special form of pre-university preparation. It combines a wide range of outreach and career guidance activities with actual preparatory courses, aimed at helping high school students choose their future profession, prepare effectively for university admission, and earn additional points to supplement those they will receive on the External Independent Testing.

Scholarship and grant programs for students from socially vulnerable groups.

Career guidance initiatives in rural communities to help young people acquire professions that provide a decent income.





## 2. Social Support and Humanitarian Aid

Providing temporary housing and support for internally displaced persons, including families with children.

Volunteer initiatives for collecting humanitarian aid for families who have lost their sources of income.

Partnerships with local communities and foundations working to overcome social isolation and restore well-being.



### 3. Employment and Human Capital Development

Development of retraining programs and micro-courses for individuals who have lost their jobs due to the war.

Support for startups and youth entrepreneurship through the “DigitalX” incubator and the Center for Strategic Development and Public Positioning.

The Student and Graduate Employment Support Department facilitates the employment of graduates and temporary job opportunities for university students. Prepares graduates for practical work, establishing and maintaining connections with potential employers. Organizes events that promote successful employment for KhAI students and graduates. Provides consulting services on temporary employment for students and career placement for university graduates. Keeps KhAI students and graduates informed about job openings.

Collaborates with enterprises to create job opportunities for students and graduates, especially in regions with high unemployment.





#### 4. Material Incentives and Rewards

KhAI annually holds the “KhAI Icarus” Competition as a form of material incentive, aimed at encouraging students, faculty, and researchers for significant achievements in academic, research, innovation, and community activities.

Winners and prize recipients of the competition receive:

- cash prizes, the amount of which is determined by the organizing committee depending on the level of achievement (1st, 2nd, 3rd place);
- special awards and grants;
- valuable gifts.

The competition results are announced at a ceremonial event, where winners are formally presented with diplomas, certificates, and material rewards. The awards ceremony is accompanied by the publication of results on the university’s official platforms.

At the National Aerospace University “KhAI,” all favorable conditions have been created to unlock the potential of young people — future engineers, scientists, researchers, and leaders in the aviation and space industry. KhAI always supports student initiative, innovation, and the pursuit of self-realization. The University has a system of moral and material incentives aimed at recognizing achievements and motivating further development.





## 5. Innovations for Social Equity

The National Aerospace University “Kharkiv Aviation Institute” actively implements modern digital solutions in education, including the KhAI OpenTouch platform, designed to provide high-quality distance learning and reduce educational inequality. This system creates conditions for access to innovative educational resources regardless of students’ location, social status, or financial means.

Special attention is given to the use of STEM approaches (Science, Technology, Engineering, Mathematics) in the educational process. The integration of KhAI’s technological solutions contributes to regional development, the formation of high-tech competencies among young people, and the enhancement of the economic capacity of local communities.

The screenshot displays a virtual classroom interface. The main window shows a presentation slide titled "NPV (Net Present Value)". The slide content includes the formula for Net Present Value (NPV) and definitions for the variables used.

**NPV (Net Present Value)**

**NET PRESENT VALUE (NPV)**

**Net Present Value (NPV) =  $-C_0 + \frac{C_1}{(1+r)} + \frac{C_2}{(1+r)^2} + \dots + \frac{C_T}{(1+r)^T}$**

**$-C_0$  = Initial Investment       $r$  = Discount Rate**  
 **$C$  = Cash Flow                       $T$  = Time**

The presentation slide also features a calculator icon and the text "The Molley Fool".

On the right side of the interface, there is a grid of participant avatars, each with a unique color and letter (e.g., M, C, X, П, Я, O). A small video feed of a participant is visible in the bottom right corner of the grid.

## 6. The Humanitarian Mission of the University

Fostering a culture of service — where students, faculty, and staff view helping others as an integral part of the educational process.

The National Aerospace University “Kharkiv Aviation Institute” systematically implements charitable and volunteer initiatives aimed at supporting socially vulnerable groups, military personnel, internally displaced persons, and local communities.

The University organizes charitable campaigns, training sessions, and educational events focused on overcoming poverty through education, innovation, and social cohesion.

