



Accepted  
Rector NURE  
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2021

## **SUSTAINABILITY REPORT**

### **«REDUCED INEQUALITIES» 2020**



Today, the University has 105 students with disabilities, more than 60% of them are registered at the dispensary.

The legal basis for ensuring the rights and legitimate interests of persons with special needs, employees and students of the University, is the Constitution of Ukraine, Decree of the President of Ukraine of December 13, 2016 № 553 « On measures aimed at ensuring observance of the rights of persons with disabilities », laws of Ukraine "On education", "On higher education", "On bases of social protection of disabled people of Ukraine" Resolution of the Cabinet of the Ministers of Ukraine of July 10, 2019 № 635 "Procedure for organizing inclusive education in higher education institutions" and others.

In 2020, the accounting and analysis of the psychophysical condition of students with special educational needs was conducted on the basis of the developed information support system for students with special educational needs.

There is a constant consultation and training of faculty and other staff of the university to work with students with special educational needs.

Systematic consultative work is carried out with parents and students of boarding schools and special educational institutions on the possibility of admission of persons with disabilities to NURE, in particular in the 8th, 12th and 55th boarding schools of Kharkiv.

Computer systems and devices necessary for the adaptation of students with special educational needs to the educational environment of the University are constantly being developed.

During 2020, the software and hardware complex developed by the employees of the department and installed in the scientific library of NURE for enlarging the image on paper media, for the integration of students with visual problems, was modernized.

The advantages of using new educational technologies and tools are ease of implementation, originality of tests and flexible adaptation to different ages of a person or child with special educational needs, adaptation to various high-definition digital devices, ergonomics of wireless pen or stylus, use as an interactive simulator for pupils of specialized correctional educational institutions.

The main task of inclusive education in higher education institutions is to provide full and quality education to people with disabilities on equal terms, which will allow them to be realized in later life.

Advisory, volunteer and methodological assistance is provided at Kharkiv Special School named after V.G. Korolenko under the public work agreement.

Developed and prepared for publication "Guidelines for training of people with special educational needs".

The staff of NURE takes part in the elaboration of draft Laws of Ukraine and draft resolutions of the Cabinet of Ministers of Ukraine on persons with special educational needs (submission of proposals and comments).

January 21, 2020 Kharkiv Regional Branch of the Social Protection Fund for Disabled Persons on the basis of the short-lived institution “Kharkiv Special Educational and Educational Complex named after V.G. Korolenko” held an event. During the event the solemn presentation of certificates to students who started their studies with the support of the Fund took place.

Among them there are 5 students of our University with special educational needs.

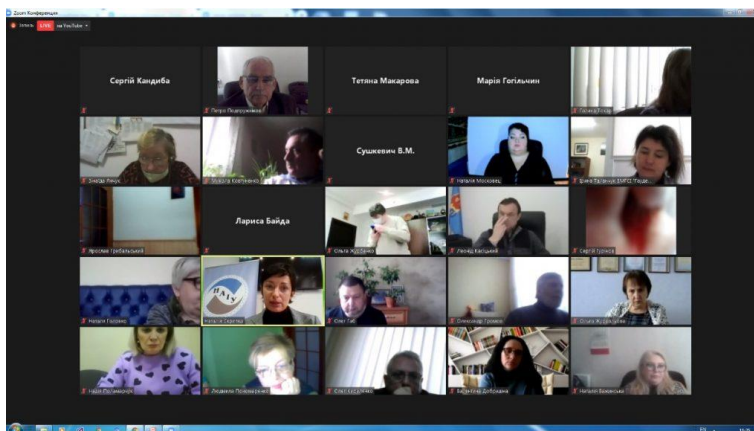
At the end of the festivities, a special concert was given by the students of the gymnasium.



<https://nure.ua/en/students-of-nure-was-given-certificates-from-kharkiv-regional-branch-of-the-social-protection-fund-for-disabled-persons>

In September-December 2020, employees of the Special Educational and Rehabilitation Department for Students with Special Educational Needs took part in the All-Ukrainian project of the National Assembly of People with Disabilities of Ukraine: “Participation in decision-making processes: NOTHING FOR US WITHOUT US”.

The aim of the project was to ensure that disability issues are taken into account in the formation and implementation of public policy by actively involving persons with disabilities in decision-making processes regarding strategies and programs that affect them.



<https://nure.ua/en/employees-of-the-special-educational-and-rehabilitation-department-of-nure-took-part-in-the-all-ukrainian-project-of-nadu>

<https://nure.ua/en/conference-workshops/sustainable-development-goals-sdgs-the-objectives-of-nure-to-implement-the-sdgs/reduced-inequalities>

The payment of material assistance for the International Day of Persons with Disabilities to students with special educational needs has been organized.

Legal aid for students with disabilities was organized by specialists of the public association "Kharkiv Association of Blind Lawyers".

Cooperation has been established with the Social Protection Fund for the Disabled to provide financial assistance on a non-refundable basis to persons with special educational needs by paying the cost of their education.



<https://nure.ua/mizhnarodnij-den-ljudej-z-invalidnistju-2>

Within the framework of the Agreement on scientific and technical cooperation between NURE and the Ukrainian Medical Dental Academy (Poltava) scientific researches of new methods and ways of diagnostics of the person, development of modern medical equipment are conducted.

Postgraduate student of the department Ibrahim Yunuss Abdelhamid Based on the principle of social responsibility, and by invitation Association of voluntary Al Jisr, took part in individual and family counseling on the role of biomedical engineering in conservation health and rehabilitation of people with disabilities in International Day of People with Special Needs, which took place on the capital of Saudi Arabia Riyadh on December 4, 2020. This day is a reminder to humanity of its duty to exercise care and compassion for the most vulnerable part of society – people with disabilities.



<https://nure.ua/aspirant-kafedri-prijnjav-uchast-u-blagodijnomu-zahodi-shho-prisvjachenij-mizhnarodnomu-dnju-osib-z-osoblivimi-potrebami>

<https://nure.ua/en/conference-workshops/sustainable-development-goals-sdgs-the-objectives-of-nure-to-implement-the-sdgs/reduced-inequalities>



Such events popularize modern technology and highlight the potential of biomedical engineering for elimination of social inequality.

In the electronic database of medical and biological publications PubMed, created by the US National Center for Biotechnology Information (NCBI), together with scientists from the National Medical Academy of Postgraduate Education named after P.L. Shupyk and the Ukrainian Medical Dental Academy published an article "The study of the electromagnetic component of the human body as a diagnostic indicator in the examination of patients with noncommunicable diseases: problem statement" by Ozar P. Mintser, Valeriy V. Semenets, Maksim M. Potiazhenko, Peter M. Podpruzhnykov, Ganna V. Nevoit // Wiadomos'ci Lekarskie, volume LXXIII, ISSUE 6, June 2020 // – p.1279-1283.

The premises are being inspected for compliance with state building codes in terms of accessibility for low-mobility groups of the population, including persons with disabilities.

The department actively cooperates with the National Assembly of People with Disabilities of Ukraine, "Institute of Social Policy", Federation of Organizations of Persons with Disabilities from Childhood and Parents of Persons with Disabilities of Ukraine, exchange program future leaders of the US State Department – "FLEX" and others.

### **The Department of Physical Education and Sports of NURE held the 7th Charity Basketball Tournament to help children with disabilities**

The competition was attended by 12 teams: 4 teams of students and athletes from the basketball school @school.basketball.kh, 2 teams of girls, a team of graduates, students and just friends who have supported our project annually for 7 consecutive years. The competitions turned out to be quite interesting and full of bright game moments. Athletes demonstrated good play and goodwill! The "Mamba" and "Legion" teams met in the finals, and the "Legion" team won in a stubborn fight.

As a result of the event, 8120 UAH was collected, which will be used for the purchase of medical equipment at the Bohodukhiv Orphanage. Boarding is planned for March, we invite everyone to join us!



<https://nure.ua/en/the-department-of-physical-education-and-sports-of-nure-held-the-7th-charity-basketball-tournament-to-help-children-with-disabilities>

## **Inclusive education for training and rehabilitation of persons with special educational needs**

In the process of distance learning, the possibility of delivery of various e-learning materials and ensuring constant communication between teachers and students in the mode of video conferencing comes to the fore. Distance learning should allow students to perceive information at different rates, based on the individual capabilities of each. One of the important features of distance education is the ability to teach students with disabilities. This training will be especially effective in the early stages of rehabilitation, as the student can feel like a full participant in the learning process. This feeling is reproduced through a virtual presence in the classroom with your academic group. This effect can be achieved by using panoramic video recording with the effect of presence. This uses special equipment, such as cameras with a spatial coverage of 360° and high resolution (at least 4K), which provides the ability to dynamically enlarge images without significant loss of quality and the effect of rasterization.

The advantages of using new educational technologies and tools are ease of implementation, originality of tests and flexible adaptation to different ages of a person or child with special educational needs, adaptation to various high-definition digital devices, ergonomics of wireless pen or stylus, use as an interactive simulator for pupils of specialized correctional educational institutions.

The main task of inclusive education in higher education institutions is to provide full and quality education to people with disabilities on equal terms, which will allow them to be realized in later life.

K.G. Selivanova made a report “Possibilities of using touch and graphics tablets in inclusive education for training and rehabilitation of people with special educational needs“.



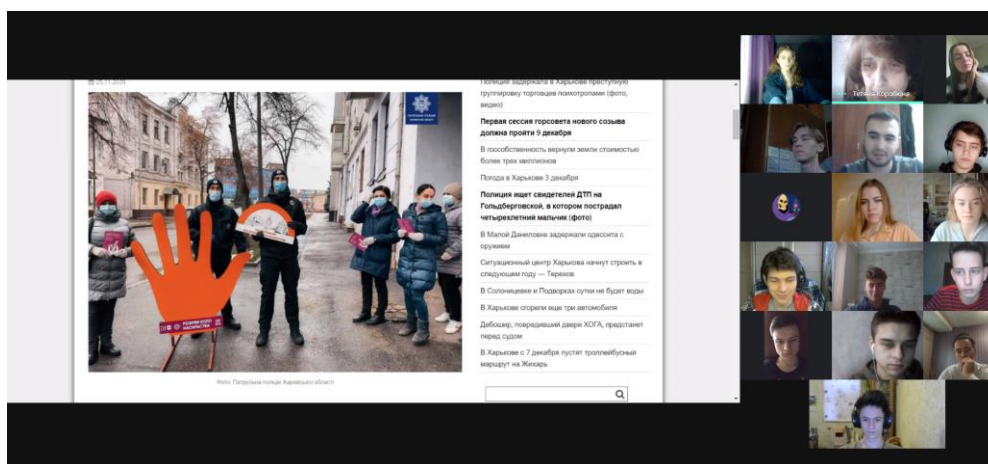
<https://nure.ua/en/inclusive-education-for-training-and-rehabilitation-of-persons-with-special-educational-needs>

## NURE took part in the activities of the International Campaign “16 days of active action against gender-based violence”

The Center for Gender Education, Social and Psychological Service, teachers of the Department of Philosophy in the framework of the International Campaign “16 days of active action against gender-based violence” conducts a number of online events for students of the university.

Every year in Ukraine, from November 25 to December 10 inclusive, the International Campaign “16 Days of Action Against Gender Violence” is held, initiated by the First World Institute for Global Women’s Leadership in 1991 and continues to be coordinated annually by the Center for Global Leadership.

The aim of the campaign is to draw public attention to the problems of violence.



<https://nure.ua/en/nure-took-part-in-the-activities-of-the-international-campaign-16-days-of-active-action-against-gender-based-violence>

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