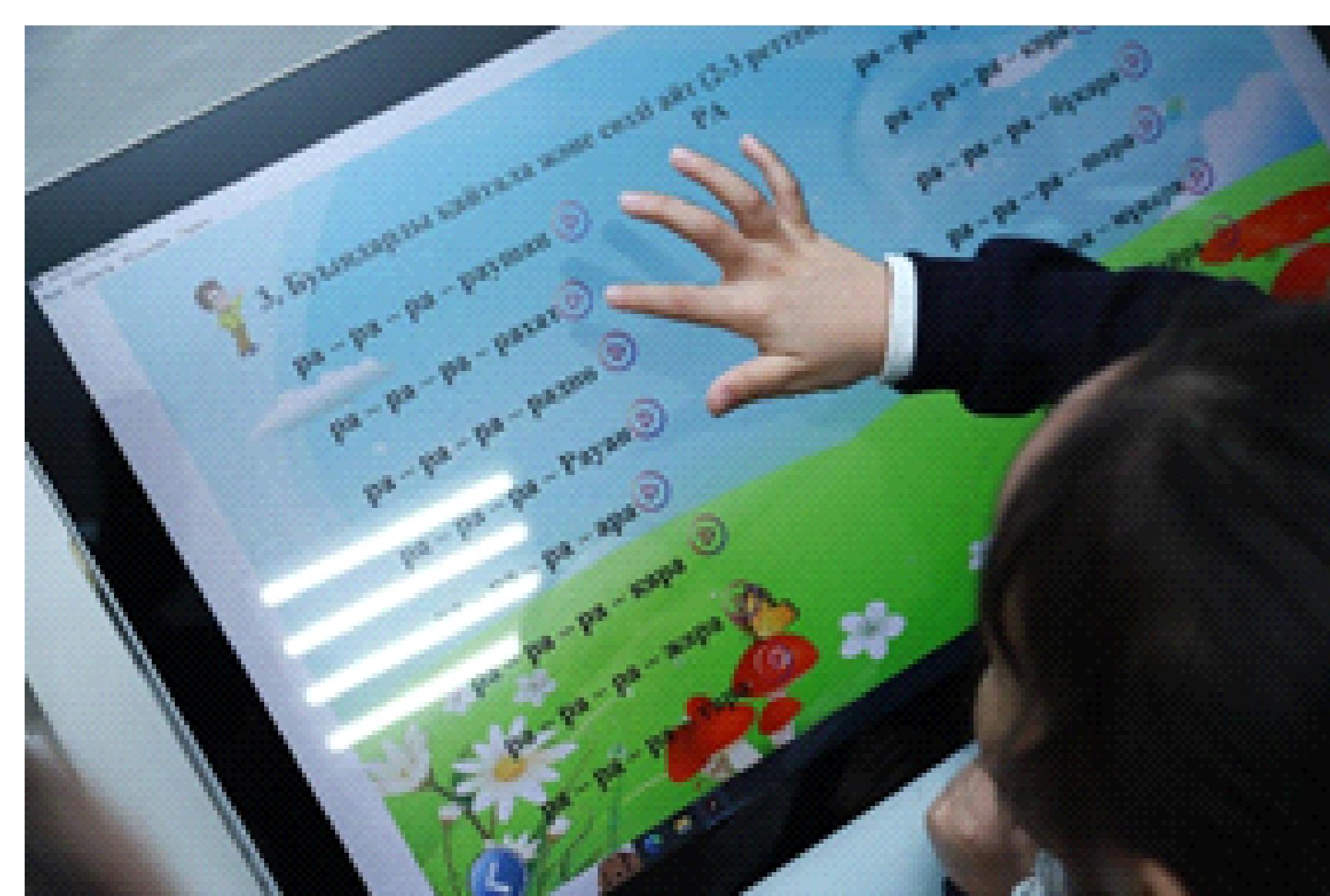




# ДАЙДЖЕСТ ВКУ ИМ. С.АМАНЖОЛОВА НАУЧНЫЕ ДОСТИЖЕНИЯ АМАНЖОЛОВ УНИВЕРСИТЕТЫ, 2025 ГОД

1952

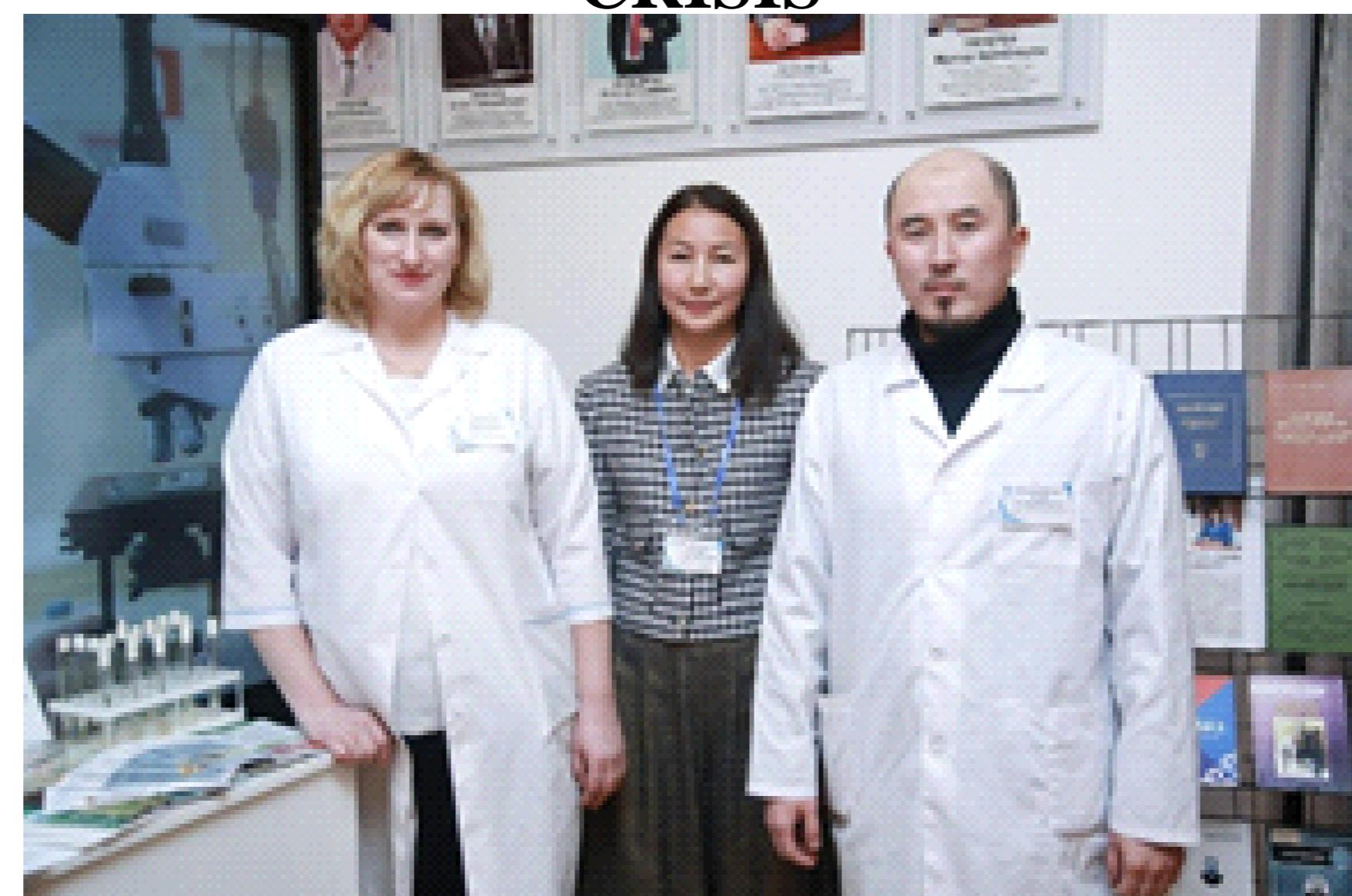
## THE SCIENTIFIC DEVELOPMENT WAS ACQUIRED BY KAZZINK LLP



The first domestic professional speech therapist's table, developed by Sarsen Amanzholov East Kazakhstan University, was purchased by Kazzink LLP for the Ulan Pedagogical Support and Correction Office.

[Read more](#)

## H2O: HOW AMANZHOLOV UNIVERSITY IS OVERCOMING THE WATER CRISIS



Scientists at Sarsen Amanzholov East Kazakhstan University have developed innovative domestic water purification filters that are suitable for both domestic use and industrial processes.

[Read more](#)

## EKU SCIENTIST WINS YOUNG SCIENTIST GRANT COMPETITION



Senior Lecturer at the Department of Biology Kuralay Alipina successfully passed all stages of the annual grant funding competition for young scientists from the Science Committee of the Ministry of Science and Higher Education of the Republic of Kazakhstan. She is now the deserving recipient of a grant, which will be used to implement the project 'Studying the impact of anthropogenic factors and climate change on tree species growing in industrial regions of Eastern Kazakhstan using dendroindication.' The author's scientific work scored 47.6 points, taking the leading position in the overall ranking.

[read more](#)

## YOUNG SCIENTISTS FROM AMANZHOLOV UNIVERSITY WON 3 PROJECTS «ZHAS GALYM» COMPETITION



Young scientists from EKU Nazgul Zhensikbayeva, Kuralay Alipina and Bakdaulet Anas won three projects in the competition for grant funding 'Zhaz Galym' for 2025-2027 for a total amount of 82,441,616 tenge.

[Read more](#)

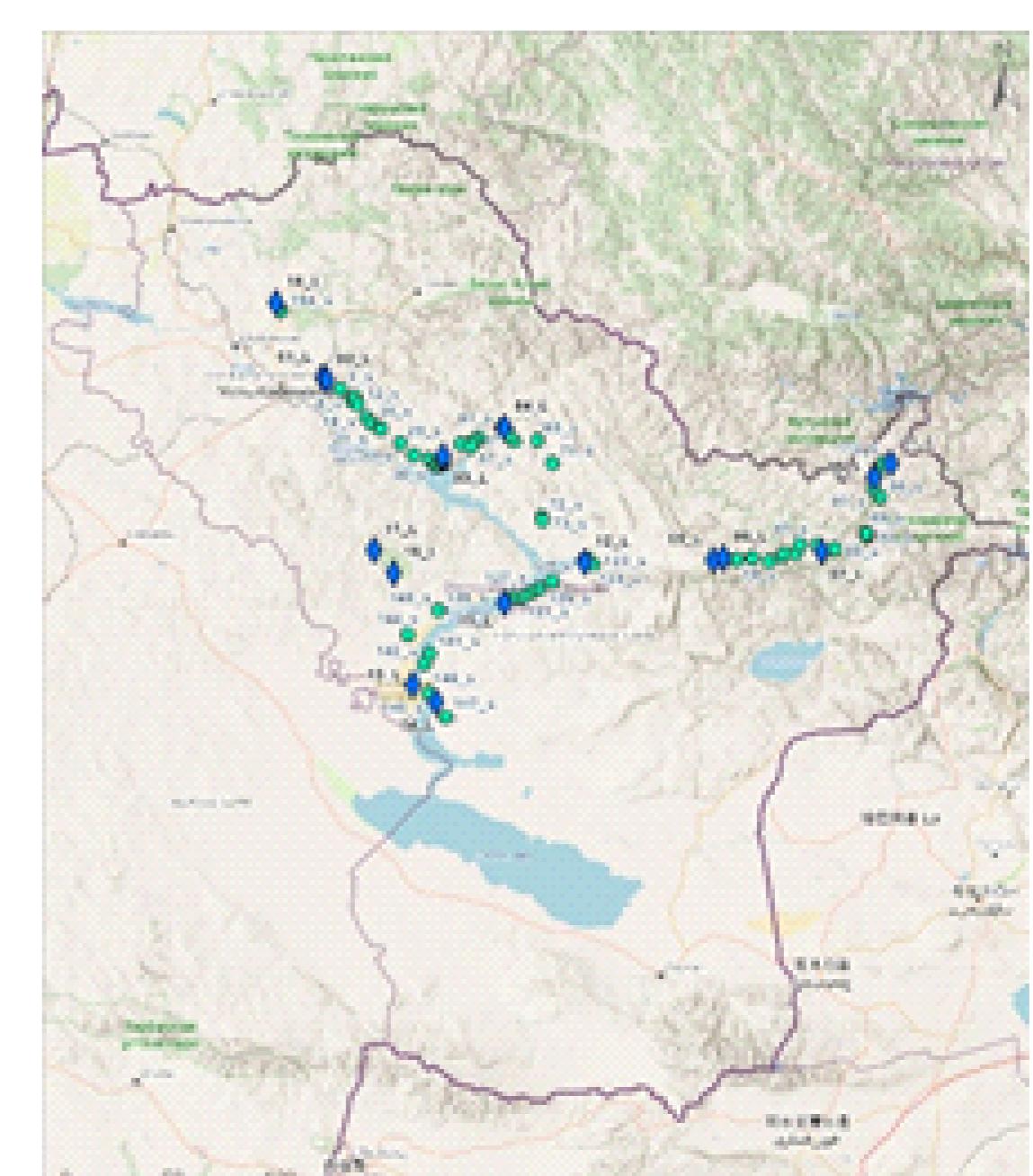
## AMANZHOLOV UNIVERSITY LAUNCHES SCIENCE FESTIVAL FOR SCHOOLCHILDREN



The annual Science Festival for schoolchildren has begun at Sarsen Amanzholov East Kazakhstan University. One of the key events was the 'Zhaz Zertteushi' scientific project competition, which takes the form of a public defence of research work. One of the key events was the 'Zhaz Zertteushi' science project competition, which is held in the format of a public defence of research work. This year, the competition attracted 105 applications from across the East Kazakhstan region.

[Read more](#)

## EXPEDITIONARY RESEARCH IN EAST KAZAKHSTAN REGION



Scientists from S. Amanzholov East Kazakhstan University and Altai State University took part in expeditionary research in the East Kazakhstan region during the implementation of the project "Development of a system for forecasting catastrophic floods in the East Kazakhstan region using remote sensing data, GIS technologies and machine learning" in accordance with an agreement with Astana IT University LLP.

[Read more](#)



# ДАЙДЖЕСТ ВКУ ИМ. С.АМАНЖОЛОВА НАУЧНЫЕ ДОСТИЖЕНИЯ АМАНЖОЛОВ УНИВЕРСИТЕТЫ, 2025 ГОД

1952

## DEPUTY AKIM OF EAST KAZAKHSTAN REGION FAMILIARISES HIMSELF WITH THE REGION'S UNIQUE TECHNOPARK



On Science Workers' Day, Deputy Akim of East Kazakhstan Region Yerbol Nurgaliyev visited the region's largest university, Amanzholov University, which is renowned for its significant contribution to the development of the regional economy through scientific projects.

Yerbol Nurgaliyev familiarised himself with the scope of activities of the SHYGYS BASTAU Technopark, which aims to support commercialised and start-up projects in order to promote the development of the regional economy. Yerbol Nurgaliyev familiarised himself with the scope of activities of the SHYGYS BASTAU technology park, which aims to support commercialised and start-up projects for the active development of science in East Kazakhstan Region.

[Read more](#)

## EKU SCIENTISTS HAVE IMPROVED THEIR QUALIFICATIONS IN THE FIELD OF TECHNOLOGY COMMERCIALISATION



A training seminar on improving the qualifications of scientists in the field of technology commercialisation was held at the Sarsen Amanzholov East Kazakhstan University. The event was organised by the Kazakhstan Technology Commercialisation Centre (KazTCC) LLP. The seminar was opened by the university's rector, Mukhtar Tolegen, who noted in his welcoming speech that bringing scientific discoveries to market is a top priority in the university's development. During the seminar, participants gained theoretical knowledge on building strategies for commercialising scientific developments and effectively interacting with business.

[Read more](#)

## EKU SCIENTISTS USED SUNFLOWER SEED SHELLS AND MINERAL RAW MATERIALS TO CREATE FILTERS



Scientists used sunflower seed husks and mineral raw materials to create filters. The project was based on the well-known principle of 'turning waste into income'. Scientists at S. Amanzholov East Kazakhstan University have been experimenting for several years with converting seed husks into activated carbon. After all, black powder is known worldwide as an excellent adsorbent: it absorbs and retains harmful or polluting substances and purifies the environment. In East Kazakhstan, where sunflowers occupy almost half of the fields, researchers turned their attention to the husks – waste products that are produced in huge quantities at oil mills..

[Read more](#)

## EKU STUDENTS HAVE DEVELOPED A PROGRAMME FOR AN ELECTIVE COURSE ENTITLED «GREEN CHEMISTRY»



The S. Amanzholov Higher School of Management held a competition entitled 'Scientific Start-up Projects' among first- and fourth-year students. The main goal of the event was to support scientific research and innovative projects by students. One of the most notable projects in the competition was a start-up developed by fourth-year students of the Higher School of IT and Natural Sciences. Nuraly Mukhametaliyev, Pultot Gulmurod and Daria Oralbaeva presented a programme for an elective course entitled 'Green Chemistry'. The aim of the project is to familiarise students with the principles of green chemistry, develop sustainable chemical practices and introduce environmentally friendly materials and methods for their creation.

[Read more](#)

## EKU STUDENT WINS PRIZE IN STUDENT RESEARCH COMPETITION 'SCIENTIFIC SRATN-UP PROJECTS'

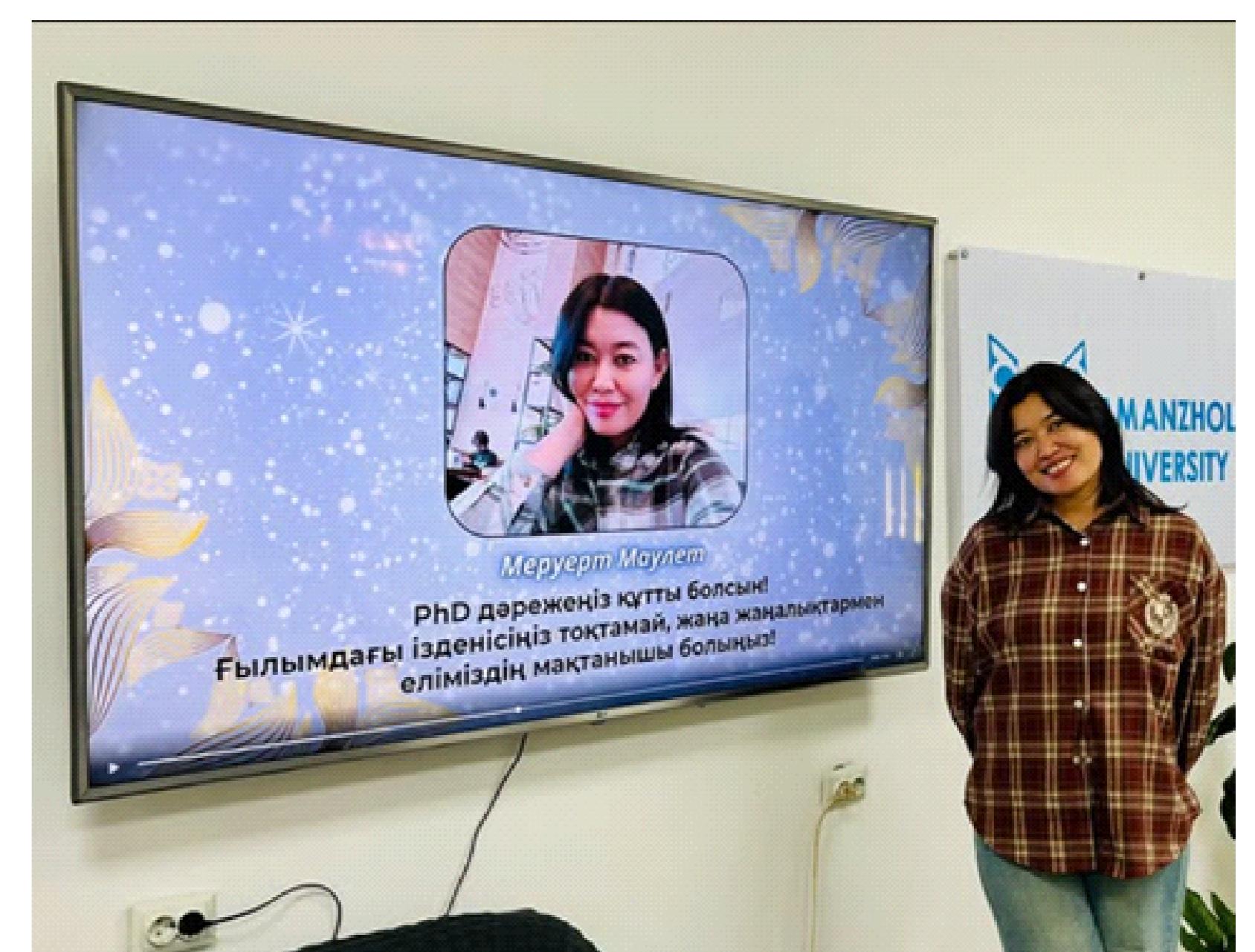


Sarsen Amanzholov East Kazakhstan University held a competition entitled 'Scientific Start-up Projects' for first- to fourth-year students.

As part of the competition, which ran from 3 October to 5 November this year, more than seven projects in the social sciences, humanities, natural sciences and technical fields were accepted. This competition has become an important platform for promoting the scientific ideas of young scientists and students, contributing to the development of science and innovation in the country.

[Read more](#)

## RESEARCH ASSOCIATE AT AMANZHOLOV UNIVERSITY AWARDED A PHD DEGREE



On the eve of this great holiday, we are happy to share some good news — the scientific potential of our university is growing, and the ranks of young scientists have been replenished with new doctors of philosophy (PhD).

Thus, under the educational programme 8D05301 'Physics,' the degree of Doctor of Philosophy (PhD) was awarded to Bayandynova Moldir Boleukhanovna, Samarkhanov Kuanysh Kanatovich, and Maule Meruert, and under the programme 8D05302 'Chemistry' — to Abikak Erkezhan Baimuratkyzy. The university has two dissertation councils in the fields of 8D053 'Physical and Chemical Sciences' and 8D015 'Training of Teachers in Natural Sciences'.

[Read more](#)



# ДАЙДЖЕСТ ВКУ ИМ. С.АМАНЖОЛОВА НАУЧНЫЕ ДОСТИЖЕНИЯ АМАНЖОЛОВ УНИВЕРСИТЕТЫ, 2025 ГОД

1952

AMANZHOLOV UNIVERSITY SCIENTISTS  
CREATE PROTECTIVE MATERIALS OF  
THE FUTURE FROM INDUSTRIAL WASTE



Innovative protective coatings made from industrial waste will soon be available in Kazakhstan. Associate Professor Gulsym Bektasova of the Department of Physics and Technology at Amanzholov University and her team are working on this cutting-edge technology. The project has already received grant funding, and its main goal is to use production waste as a valuable resource for creating durable and sustainable coatings using gas-thermal spraying.

[Read more](#)

DIGITAL REVOLUTION IN THE FIELDS: AMANZHOLOV UNIVERSITY CREATES A 'SMART AGRONOMIST' FOR AGRICULTURE



Sarsen Amanzholov East Kazakhstan University is reaching new heights in scientific research: it is implementing a project that could transform the domestic agro-industrial complex. The project involves creating a digital system that combines data from drones and artificial intelligence algorithms to analyse the condition of land and crops.

[Read more](#)

200 PHD STUDENTS – IN COLLABORATION WITH LARGE ENTERPRISES IN EASTERN KAZAKHSTAN



200 PhD students for enterprises in the East. In 2018-2025, the university's strategic goal of training scientific personnel and competitive specialists for the development of the economy of Eastern Kazakhstan was achieved. The opening of scientific R&D centres and university-based enterprise laboratories enabled doctoral students to conduct high-quality research and introduce new technologies into production.

[Read more](#)