

**Ministry of Science and Higher Education of the Republic of Kazakhstan
Joint Stock Company "Korkyt Ata Kyzylorda University"**



Chairman of the Board – Rector
"Korkyt Ata Kyzylorda University"
B.S. Karimova
2025

**Strategic Plan for the Development of the Institute of Artificial
Intelligence for 2025–2029**

Kyzylorda, 2025

APPROVED:

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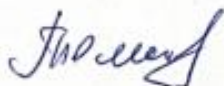
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The strategic development program of the Institute of Artificial Intelligence for 2025-2029 was revised and approved at the meeting of the Institute's Council on "___" December 2024, protocol No. ___.

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1. ANALYSIS OF THE CURRENT STATE OF THE INSTITUTE

1.1 Analysis of the Current State of the Institute

The Institute of Artificial Intelligence (hereinafter referred to as the Institute) is a structural subdivision of the Joint Stock Company "**Korkyt Ata Kyzylorda University**." The Institute operates in accordance with the regulatory legal acts of the Republic of Kazakhstan in the field of education, the University Charter, and the Academic Policy.

Given labor market demands, the Institute places special emphasis on improving the quality of training for specialists in artificial intelligence, information technology, and cybersecurity. To achieve these goals, the Academic Quality Committee has been established, and partnerships have been developed with various educational institutions, IT companies, and industrial enterprises in the Kyzylorda region.

The Institute offers four undergraduate educational programs, including:

- **6B06101 – Information Systems**
- **6B06102 – Computer Programming and Software Development**
- **6B06103 – Cybersecurity**
- **6B01501 – Informatics (Pedagogical Direction)**

The Institute actively cooperates with **SeoulTech University (South Korea)**. Through this partnership, the **LUPIC** international project is being implemented, academic mobility and faculty exchange programs are conducted, and dual-degree programs are offered.

Key Partners of the Institute:

- Seoul National University of Science and Technology (SeoulTech, South Korea)
- IT companies in the Kyzylorda region
- Nazarbayev Intellectual Schools and other educational institutions
- Leading universities and research centers of the Republic of Kazakhstan

The Institute aims to become one of the leading centers in Kazakhstan in the field of artificial intelligence and digital transformation by improving educational programs, developing scientific research, and integrating digital technologies.

1.2 Educational Programs (EPs)

In the 2024–2025 academic year, the Institute of Artificial Intelligence is training specialists under four main educational programs. The total number of students is 104, including:

101 students studying under state grants

3 students studying on a paid basis

Programs	Total (Number of Students)	State Grants	Self-Funded	Special Grants (Akim/Rector)
Computer Science	25	25	0	0
Information Systems	25	25	0	0
Computer Software and Programming	25	25	0	0
Cybersecurity	29	26	1	2

Explanation:

The four main educational programs of the Institute are focused on training specialists in digital technologies, artificial intelligence, programming, and information security.

In the programs related to **Computer Science, Information Systems, and Computer Software and Programming**, all students are enrolled exclusively through state educational grants.

For the Cybersecurity program, a total of 29 students are currently enrolled:

- 26 students on a state educational grant
- 1 student on a self-funded basis
- 2 students receiving special grants (from the Akim or Rector)

A remarkable 97% of the Institute's students (101 out of 104) receive education free of charge, demonstrating the university's commitment to providing high-quality and accessible education.

These programs are strategically designed to establish the Institute as one of Kazakhstan's leading centers for training professionals in artificial intelligence and digital technologies.

Students are offered opportunities for academic mobility, internships, and participation in international partnership projects with SeoulTech University and IT companies.

1.2 Dual-Degree Programs

Starting from the 2025–2026 academic year, the Institute of Artificial Intelligence will introduce dual-degree programs in partnership with the **Seoul National University of Science and Technology (SeoulTech, South Korea)**. These programs provide students with the opportunity to earn diplomas from both countries.

Programs	Planned Number of Students	Start Date
Data Management	20	2025-2026
AI Architect	20	2025-2026

Explanation:

The dual-degree programs will officially launch in the 2025–2026 academic year. Each year, a total of **40 students will be admitted:**

20 students for the "**Data Management**" program

20 students for the "**AI Architect**" program

The programs follow a "2+2" study format:

- The first two years – at **Korkyt Ata Kyzylorda University (KKU)**
- The next two years – at **Seoul National University of Science and Technology (SeoulTech, South Korea)**.

Upon graduation, students receive diplomas from both universities, increasing their competitiveness in the global job market.

Admission Requirements: IELTS 6.0 and TOPIK 3.0 language proficiency, High academic performance.

These programs aim to train highly qualified specialists **in IT, artificial intelligence, and data management** in Kazakhstan. Students will gain access to cutting-edge South Korean technologies and become globally recognized experts.

1.3 Research Projects

The Institute of Artificial Intelligence is implementing innovative research projects focused on the development of digital technologies in big data processing, artificial intelligence (AI), and agriculture.

Project Name	Budget	Results
BIC Center Hackathons	No direct funding	New startup projects

Explanation:

Within the **LUPIC** international project, research is being conducted on the application of big data (Big Data) and artificial intelligence (AI) in agriculture.

The **BIC (Business Incubation Center)** hackathons provide students and young researchers with opportunities to implement their innovative ideas. As a result, new startup projects are launched in fields such as:

- **Smart agriculture**
- **AI systems**
- **Robotics**
- **Cybersecurity**

These research initiatives enhance the scientific potential of the Institute and create opportunities for student involvement in research projects.

Near-Term Goals:

- Development of new startups within the **BIC Center** and attracting investors for funding
- Creation of effective solutions for applying big data and AI in agriculture
- Expansion of joint research with **SeoulTech** and other international partner

1.4. Faculty and International Experts

Category	Planned Number for 2024–2025 Academic Year	GKS Program (2024–2025)
Lecturers (Master's Degree)	2	2
Students (Master's Degree)	2	2
Professors	2	Not covered

Explanation:

The faculty potential of the Institute is being developed through the **LUPIC** and **GKS** programs. Each year, the Institute invites foreign professors to give lectures and conduct research activities.

1.5. Graduate Employment

Current data: The short-term goal is to increase the employment rate to 90%.

1.6. Infrastructure

The modern infrastructure of the Institute of Artificial Intelligence provides favorable conditions for students and young researchers to implement innovative projects, develop startups, and conduct scientific research.

Facility	Description
AI Coworking	A 750 m² space designed for students and startups
Game Dev Center	A center for game development and research
Лаборатория VR/AR	Planned to open; equipment procurement is in progress

Explanation:

The infrastructure of the Institute is fully equipped with modern technologies, enabling the digital transformation of educational and research processes.

- **AI Coworking** – an open space for students, startups, and researchers to develop AI and programming projects.
- **Game Dev Center** – a hub for game industry research and practical game development projects.
- **VR/AR Laboratory** – currently in the equipment acquisition phase; will provide opportunities for virtual and augmented reality (VR/AR) technology development.

As part of the LUPIC international project, laboratory equipment is being installed, helping students enhance their practical skills and train specialists in line with international standards.

2. STRATEGIC DIRECTION: ACADEMIC EXCELLENCE AND INTERNATIONALIZATION OF EDUCATION

Indicator Name	Unit of Measurement	Planned Period				
		2025	2026	2027	2028	2029
1 STRATEGIC DIRECTION ACADEMIC EXCELLENCE AND INTERNATIONALIZATION OF EDUCATION						
1. Percentage of faculty and staff who have undergone retraining and professional development	%	1	1	1	1	1
- Including faculty funded by the university	%	30 %	30%	30%	30%	30%
2.Number of employers and business representatives involved in the educational process	person		1	1	2	2
Percentage of employers and business representatives from the total number of teachers involved in the educational process	%		3	3	4	4

3.Percentage of faculty with an academic degree and PhD	%		70	70	80	80
4.Percentage of graduates employed within the first year after graduation (from the total number of graduates)	%				90	90
5.Number of innovative educational programs developed at the request of industry associations and enterprises	unit	4	2	2	1	1
Percentage of innovative educational programs developed at the request of industry associations and enterprises	%	100	100	100	100	100
6. Percentage of thesis projects completed as applied projects in priority areas of regional socio-economic development	%				100	
7. Percentage of applied thesis projects in priority areas of regional socio-economic development (in Kazakh)	%				100	100
8. Percentage of graduates who have received professional qualification certification (Professional certificates)	%				100	100
9. Percentage of dissertations defended in the state language: Master's dissertations	%					
Doctoral dissertations (PhD)						
10. Number of students	person	100	140	140	250	250
11. Number of new/updated educational programs aligned with the Atlas of New Professions	unit				2	2
12. Number of online courses developed (MOOC)	unit		2	2	4	4
Percentage of online courses (MOOC) from the total number of courses	%		8	8	16	16
13. Percentage of educational programs that use global digital libraries	%	30	30	40	40	50
14. Percentage of students using global digital libraries in the learning process	%	50	50	60	60	80
15. Number of online courses by faculty available on major global platforms	unit		1	2	2	5

Percentage of online courses by faculty available on major global platforms	%		2	4	4	10
16. Implementation of an inclusive education model in cooperation with local executive bodies:	%		1	1	1	1
Percentage of updated educational programs considering an inclusive education model			30	30	30	30
Percentage of faculty trained in an inclusive education model			30	30	30	30
17. Number of dual degree programs with foreign universities			1	1	1	1
18. Number of faculty conducting classes in English	unit .	6	8	10	12	14
Percentage of faculty teaching in English from the total number of faculty	%	50	50	50	50	50
19. Number of joint educational programs with foreign universities	unit .	4	4	6	6	6
Percentage of joint educational programs with foreign universities from the total number of educational programs	%	100	100	100	100	100
20. Percentage of students participating in academic mobility programs for a trimester to a full academic year	%		2	2	5	5
21. Percentage of students studying abroad in academic mobility programs for a trimester to a full academic year	%		2	2	10	10
22. Percentage of students studying under academic mobility programs funded by the university	%		2	2	10	10
23. Percentage of foreign experts invited for teaching activities with publications in high-ranking scientific journals and leading universities abroad	%	1	2	2	3	3
24. Percentage of students involved in community activities related to SDGs	%	10	20	30	30	30
25. Number of implemented social/community projects and initiatives	unit .	1	1	3	5	5
26. Percentage of students engaged in volunteer activities from the total number of undergraduate students	%	30	30	30	40	50
STRATEGIC DIRECTION 2 DEVELOPMENT OF SCIENCE AND INTERNATIONAL COOPERATION						

1. Percentage of expenditures on research and technological work (R&D) from the total internal expenditures of the university	%		1	1	1	1
2. Number of research projects implemented at the university with external funding (grant funding)	unit .		1	1	1	1
3. Number of research projects conducted jointly with regional enterprises and business structures to solve technological problems	unit .			1	2	2
4. Percentage of research projects conducted jointly with regional enterprises and business structures from the total number of research projects	%			1	1	1
5. Percentage of research projects/programs implemented jointly with national and foreign universities and research organizations	%			1	1	1
6. Percentage of research and/or scientific-technical projects completed in the state language	%			1	1	1
7. Number of scientists from research institutes working under joint and/or hourly contracts within the university faculty	person		2	2	2	2
8. Number of patents obtained within research projects funded by the state budget	unit .		1	2	2	3
9. Percentage of scientific laboratories that have passed certification and accreditation/verification	%				1	1
10. Number of agreements with industrial and commercial partners for the implementation of university research developments	unit .		1	1	1	1
11. Percentage of faculty engaged in research activities within scientific projects from the total number of faculty	%		30	30	50	50
12. Number of young researchers (under 40 years old) participating in research projects funded by state or program sources	person		50	50	50	50
13. Number of students participating in research activities	person		5	5	15	25

14. Number of publications in scientific journals included in the Ministry of Science and Higher Education of Kazakhstan's list (ЖБССКЕК)	ед .		2	5	5	10
15. Average number of publications in scientific journals from the ЖБССКЕК list per faculty member	ед .		2	5	5	10
16. Number of faculty publications in indexed scientific journals	ед .		2	3	5	10
17. Number of articles and reviews by university staff in high-ranking Q1 and Q2 journals according to Journal Citation Reports (JCR)	ед .		1	1	3	5
18. Average number of publications per staff member in high-ranking Q1 and Q2 journals according to JCR	ед .		1	1	3	5
19. Percentage of scientific articles published in the state language: In scientific journals recommended by the Committee for Quality in Science and Education, Ministry of Science and Higher Education of Kazakhstan	%		1	1	1	2
In other domestic scientific journals						
20. Number of researchers who have completed internships at leading scientific centers worldwide	person		2	2	4	4
21. Number of research projects and programs under international cooperation within intergovernmental agreements	unit .		1	1	2	2
STRATEGIC DIRECTION 3 DIGITAL TRANSFORMATION AND INFRASTRUCTURE MODERNIZATION						
Percentage of investments attracted for university development through the Endowment Fund	Thousand tenge			500000	1000000	1000000
Number of specialized classrooms/laboratories acquired, including virtual laboratories	Unit			2	2	2
Number of classrooms equipped with multimedia learning tools	Unit	8	8	10	12	12
Opening of new classrooms	Unit	1	1	2	2	3
Renewal of computer equipment	Unit	20	20	30	30	50
Expansion of the library collection with new relevant publications, scientific literature, and next-generation textbooks	Item	150	200	200	200	200

Key Activities by Key Performance Indicators

STRATEGIC DIRECTION 1: ACADEMIC EXCELLENCE AND INTERNATIONALIZATION OF EDUCATION

Indicator	Activities	Responsible Entity	Implementation Period	Monitoring Period
Percentage of faculty members (FM) who have completed advanced training and retraining	- Organization of annual advanced training courses for FM (SeoulTech, Coursera, Udemy, etc.). - Agreements with SeoulTech (Korea), KAIST (Korea), and Nazarbayev University (Kazakhstan) for the annual participation of 5 FM in international training programs. - Implementation of certified courses in AI, Machine Learning, and Big Data on Coursera, Udemy, EdX.	Institute of Artificial Intelligence, Academic Affairs Board Member, Center for Advanced Training and Continuing Education	2025-2029	Annually
Number of business representatives involved in the educational process	- Establishing partnerships with the banking sector (guest lectures, training sessions). - Collaboration with Forte Bank and Freedom Bank to attract at least 4 business representatives annually. - Conducting joint lectures with business representatives and organizing two hackathons per year with business mentors.	Institute of Artificial Intelligence, Business Incubator, Career Center.	2025-2029	Annually

Percentage of faculty members with a scientific degree	- Grant support for young scientists to conduct research. - Encouraging FM to pursue PhD degrees: annually, 2 faculty members enroll in PhD programs at SeoulTech, KAIST, or Skoltech. - Strengthening research in AI, Big Data, Cloud Computing, and Cybersecurity. - Grant support: assisting FM in obtaining research grants from organizations such as the World Bank, Google Research, Horizon Europe.	Institute of Artificial Intelligence, Research Department, Research Coordination Office.	2025-2029	Annually
Percentage of accredited educational programs	- Conducting specialized accreditation for all educational programs.	Institute of Artificial Intelligence, Educational Programs Coordination Office.	2025-2029	2026, 2028
Number of joint degree programs with foreign universities	- Launching joint degree programs " AI Architect " and " Data Management " with SeoulTech (Korea) and Korkyt Ata Kyzylorda University (Kazakhstan).	Institute of Artificial Intelligence, International Relations Department, Educational Programs Coordination Office.	2025-2029	Annually

Number of enrolled students	- Recruiting: establishing partnerships with Nazarbayev Intellectual Schools (NIS), Republican Physics and Mathematics School (RFMS), and Bilim-Innovation Lyceums (BIL); agreement with the EDUSER mobile app. - Conducting promotional campaigns on Instagram, TikTok, and Telegram to attract students.	Institute of Artificial Intelligence, Educational Programs Coordination Office, Recruitment and Career Department.	2025-2029	Annually
Number of additional entrance exams conducted and applicant coverage for AI-related programs	Development and administration of additional exams (mathematics, logic, programming, English); creation of a question bank; implementation of online proctored testing; introduction of appeal and ranking system	Institute of Artificial Intelligence, IT Center, Office of Academic Programs Coordination, Admissions Committee	2025-2029	Annually
Number of processed transfer/reinstatement requests and level of digitalization of the process	Adoption of transfer/reinstatement regulations; digital submission via Platonus; introduction of “academic reserve” status; academic plan compatibility; information sessions for students and advisors	Institute of Artificial Intelligence, IT Center, Office of Academic Programs Coordination, Admissions Committee	2025-2029	Annually
Number of online courses (MOOCs)	- Launching joint courses with Yandex Practicum and Google Cloud. - Developing 5 courses on Coursera, Udemy, EdX, OpenAI University.	Institute of Artificial Intelligence, IT Center, Educational Programs Coordination Office.	2025-2029	Annually

STRATEGIC DIRECTION 2: SCIENTIFIC DEVELOPMENT AND INTERNATIONAL COLLABORATION

Indicator	Activities	Responsible Entity	Implementation Period	Monitoring Period
Volume of research funding	- Securing at least 2 international research grants in collaboration with SeoulTech (Korea), KAIST (Korea), Nazarbayev University, Skoltech (Russia). - Requiring university researchers to submit at least 2 grant applications annually to programs such as "Horizon Europe," "Google Research Grants," "NVIDIA AI Research," "Samsung AI Grants." - Local funding: securing at least 100 million KZT in grants from the Ministry of Science and Higher Education of Kazakhstan and the National Science Foundation of Kazakhstan.	Institute of Artificial Intelligence, Research Department, Commercialization Office.	2025-2029	Annually
Number of joint research projects with foreign universities	- Expanding international research collaborations with SeoulTech, KAIST. - Developing 2 research projects with KAIST, SeoulTech, MIT (USA), Oxford AI Lab (UK), ETH Zurich, Nazarbayev University. - Initiating joint research on topics such as "AI in Healthcare," "AI for Smart Cities," "Quantum Computing for AI." - Data exchange: integration with "Google AI Open Dataset," "Kaggle AI Datasets" for use in international research.	Institute of Artificial Intelligence, Research Department, International Relations Department.	2025-2029	Annually
Number of publications in Q1-Q2 journals	- Financial support for international faculty publications. - Publishing at least 10 articles in Q1-Q2 indexed journals (Scopus/WoS) on AI, including "Nature Machine Intelligence," "IEEE Transactions on Neural Networks and Learning Systems," "Journal of Artificial Intelligence Research (JAIR)," "ACM Transactions on Intelligent Systems and Technology." - Joint publications with professors from SeoulTech, KAIST, MIT, Oxford, Nazarbayev University. - Registering faculty on platforms like "Publons" and "Scopus Author Profile" to increase their visibility in the international research community.	Institute of Artificial Intelligence, Project Office, Research Department, Academic Affairs Board Member.	2025-2029	Annually

Share of Publications in the State Language	Encouraging scientific research in the Kazakh language. Publishing at least five articles annually in journals such as Bulletin of the National Academy of Sciences of Kazakhstan and Scientific Journal of the Ministry of Science and Higher Education of the Republic of Kazakhstan. Introducing the course Scientific Writing in Kazakh to develop academic Kazakh language proficiency. Organizing a translation project supported by the National Academy of Sciences of Kazakhstan to translate scientific articles into Q1-Q2 journals in Kazakh.	Institute of Artificial Intelligence, Research Department, Editorial and Publishing Department	2025-2029	Annually
Share of Students Participating in Academic Mobility	Expanding academic mobility with foreign universities. Sending at least 20 students annually to SeoulTech, KAIST, MIT, and Skoltech under academic mobility programs. Preparing and submitting at least 20 applications for scholarships such as ERASMUS+, DAAD, Bolashak, and the Korean Government Scholarship (GKS). Providing free TOEFL/IELTS/TOPIK preparation courses for students participating in academic mobility programs.	Institute of Artificial Intelligence, International Relations Department	2025-2029	Annually
6. Establishment and Development of Research Centers	Creating the AI & Big Data Research Center for research in artificial intelligence, big data processing, and IoT. Establishing the AI for Energy Efficiency laboratory in collaboration with Kazenergy and KazMunayGas. □ Developing a VR/AR laboratory through partnerships with Meta AI Research, Unity AI, and Google ARCore.	Institute of Artificial Intelligence, Research Department, Infrastructure Solutions Management	2025-2029	Annually
7. Automation of the Grant Application Submission System	Developing an AI-Driven Grant Submission System to simplify the grant application process for faculty and students. Creating a platform for writing research proposals using GPT-based technology (e.g., OpenAI API). Institute of Artificial Intelligence, Research Department, IT	Institute of Artificial Intelligence, Research Department, IT Development and Business Analytics Center	2025-2029	Annually

	Development and Business Analytics Center			
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STRATEGIC DIRECTION 3: DIGITALIZATION AND INFRASTRUCTURE MODERNIZATION

Indicator	Activities	Responsible Entity	Implementation Period	Monitoring Period
1. Number of virtual laboratories	- Opening at least 2 virtual laboratories for AI, data processing, Big Data, IoT, and cloud computing. - Partnerships with "Google Cloud AI Lab," "IBM Watson AI Research," "AWS Machine Learning Lab." - Integration of OpenAI, Microsoft Azure AI, and Google TensorFlow platforms into education.	Institute of Artificial Intelligence, IT Center, Infrastructure Solutions Department.	2025-2029	2026, 2028
2. Number of interactive multimedia classrooms	- Setting up 10 modern smart classrooms. - Equipping them with SeoulTech, Samsung, LG Smart Classroom technologies. - Installing 360° cameras, interactive whiteboards, and AR/VR tools.	Institute of Artificial Intelligence, IT Center, Information Technology and Business Analytics Center.	2025-2029 годы	Annually
3. Computer fleet renewal	- Upgrading computer equipment across the university (150 new computers). - Signing contracts with Dell, HP, Lenovo, Apple, Huawei.	Institute of Artificial Intelligence, IT Center, Strategic Development and IT Council Member.	2025-2029 годы	Annually

4. Updating the research and library fund	- Expanding access to electronic libraries: "Springer," "Elsevier," "IEEE Xplore," "Nature," "Scopus," "Web of Science." - Acquiring 1,000 new scientific books (Oxford University Press, MIT Press, Cambridge University Press). - Digitizing Kazakhstani scientific publications in collaboration with the Ministry of Science and Higher Education of Kazakhstan.	Institute of Artificial Intelligence, Educational Library, Research Department.	2025-2029 годы	Annually
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INTERNAL RISK MANAGEMENT

1. Key risks and management strategies

№	Risk	Risk Management Activities	Implementation Period	Responsible Entity
1	Lack of funding (investment, grants, sponsorship)	- Increasing state and international research grants (Horizon Europe, Google Research, Samsung AI Grants, RK GISBM). - Attracting 500 million KZT in investments through the "Korkyt Ata Endowment Fund." - Signing agreements with industry partners (KazMunayGas, BI Group, Samsung, Huawei).	2025-2029	Institute of Artificial Intelligence, Finance Department, Research Department.
2	Shortage of faculty and staff instability	- Organizing internships for faculty at SeoulTech, KAIST, Skoltech, and Nazarbayev University. - Recruiting foreign professors through GKS, LUPIC, and Bolashak programs. - Increasing salaries and introducing an incentive system to balance research and teaching loads.	2025-2029	Institute of Artificial Intelligence, HR Department, Academic Council.

3	Difficulty in Attracting Student Enrollment	Signing memorandums and allocating targeted grants with NIS, RFMS, BIL schools. Running a promotional campaign to enhance the attractiveness of the Institute of Artificial Intelligence via TikTok, Instagram, Telegram . Offering additional educational courses in collaboration with SeoulTech, Google Developer Group Almaty, Astana Hub .	2025-2029	Institute of Artificial Intelligence, Marketing Department, Academic Council
4	Academic Quality and Educational Programs Not Meeting International Standards	Revising academic programs to obtain ABET, ASIIN, IQAA accreditations. Developing new educational programs: <i>AI Architect</i> <i>Data Science</i> <i>Cybersecurity</i> Launching dual-degree programs with SeoulTech, KAIST, MIT, Oxford AI Lab, Skoltech .	2025-2029	Institute of Artificial Intelligence, Academic Council Member, Vice-Rector for Educational Program Coordination
5	Weak IT Infrastructure and Insufficient Digitalization	Implementing high-speed campus Wi-Fi (1 Gbps) . Developing cloud computing services and an AI-powered Learning Management System (LMS) . Launching the " Smart University " platform (Platonus, Moodle, Coursera for Campus).	2025-2029	Institute of Artificial Intelligence, IT Center, Cybersecurity Specialist
6	Cybersecurity and Data Protection Issues	ISO 27001 certification for security system compliance. Implementing SIEM solutions (IBM Security QRadar, Splunk, Palo Alto). Conducting Phishing Awareness training for faculty and students.	2025-2029	Institute of Artificial Intelligence, IT Center, Cybersecurity Specialist

7	Lack of Commercialization of Research Results	Organizing university business incubation hackathons at least twice a year. Attracting venture capital funding to support startup development (<i>QazTech Ventures, Astana Hub Investment Club</i>). Partnering with industry organizations to commercialize scientific patents (<i>National Science Fund of Kazakhstan, Tech Garden, QazInnovations</i>).	2025-2029	Institute of Artificial Intelligence, Research Department, Commercialization Department
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Director of the Institute of Artificial Intelligence N.S. Kulmurzayev

