

**Annual Report of the Chair of the
Board – Rector of JSC "International
University of Information Technology"
on the University's Activities for the
2023–2024 Academic Year and
Development Prospects for the 2024–
2025 Academic Year**

Chair of the Board – Rector of JSC "IITU"
Assylbek A. Issakhov

October 1, 2024



**«Economic course of a
Just Kazakhstan»
(01.09.2023)**



**«Just Kazakhstan: Law and
Order, Economic Growth,
Social Optimism»
(02.09.2024)**

«...The educational system needs transformation to meet the labor market's demands. Several sectors of the national economy are experiencing labor shortages, especially in technical and working professions. We need to focus on relevant education, and educational institutions should build long-term partnerships with potential employers...»

«...It is of the utmost importance to provide the economy with qualified personnel. First and foremost, we must address the acute shortage of sector-specific specialists, including water experts, construction workers, power engineers, and many others. Additionally, we must train specialists in the professions of the future...»

Academic Activities

Rating of Educational Programs



Extended meeting of the Academic and Methodological Association (EMA), dedicated to the 15th anniversary of JSC "ITU", on the topic "Artificial Intelligence: from technology to real applications" (03/15/2024), with the participation of representatives of The Ministry of Science and Higher Education of the Republic of Kazakhstan (MSHE RK) and Universities of the Republic of Kazakhstan



Developed by the EMA on ICT and Information Security and reviewed at the meeting of the Republican Academic and Methodological Council dated 20/12/2023. Approved at the expanded meeting of the EMA dated 15/03/2024.



6B06120 Artificial intelligence - a joint educational program (JEP) developed jointly with the Alliance of Universities; registered in the Register of Educational Programs of the MSHE RK dated 04/24/2024. The duration of study is 3 years; Implementation since 2024.



ASIIN institutional reaccreditation (29.02-01.03.2024) – until July 19, 2025.

GEP	Name of the educational program (EP) 2023	Atameken	IQAA	IAAR
B042- B042 Journalism and reporting studies	6B03201 Business Journalism, SMM & PR	1	1	5
B058- IT security	6B06301 Computer security	6	1	2
	6B06302 Hardware Security	7		
	6B06303 Network Security	9		
B057- Information technologies	B06106 Computer Systems and Software Engineering	5	1	1
	6B06110 Software Engineering	7		
	6B06101 Computer science	2		
	6B06105 Information systems	6		
	6B06104 Business Analysis	5		
	6B06112 Data Science	4		
B059- Information and communication technologies	6B06201 Telecommunication systems and networks	4	2	1
B044-Management and administration	6B04102 E-business	14	6	15
B046- Finance, economics, banking and insurance	6B04104 Financial engineering	9	7	14
M094- Information technologies	7M06103 Business-Analysis/7M06106 Data Science/7M06110 Computer Systems and Software Engineering	is not conducted	1	4
M096- Information and communication technologies	7M06201 Telecommunication systems and networks	is not conducted	2	5
M072- Management	7M04101 Project Management	is not conducted	4	7

Quantitative and qualitative Teaching staff

Qualitative composition of the teaching staff for the 2023-2024 academic year												As of 01.09.2023.
Departments	Head of Depart	Professor	Assoc. Prof	Assistant prof	Senior Lecturer	Senior physical education trainer	Lecturer	physical education trainer	Tutor	Proff (foreign)	Senior lecturer (foreign)	Total (minus Coursera)
IT	1	5	7,25	5	22,5	0	16	0	7	1		64,75
CE	1	5	11	10	28,5		8		6			69,5
CC	1	4	12,75	7	22		8		12,5			67,25
RET	1	2	10	8	7		1,25					29,25
MCM	1	6	5	13	24,5	0	7,5	0	2,5			59,5
EaB	1	4	8	7	8	3		2,75				33,75
MaHK	1	7	14	13	16	0	3	0	0			54
LD	1	1	12	6,75	33,5	0	0	0	0	0	1,5	55,75
Total	8	34	80	69,75	162	3	43,75	2,75	28	1	1,5	433,75



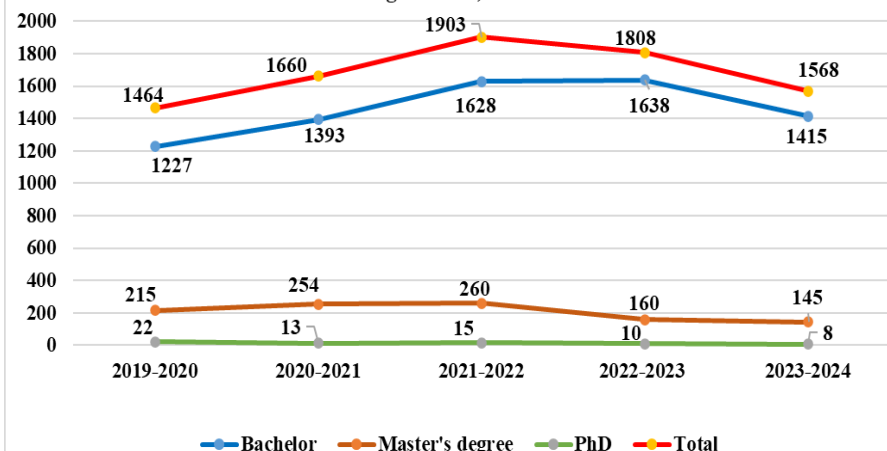
Academic title "Professor"		Academic title "Associate Professor"	
Tynymbay Sahybay	Depart. Of CE	Seilova Nurgul	Dean
Bektemysova Gulnara	Depart. Of CE	Amanzholova Saule	Head of Depart. CC

№	PhD	Дата защиты	Специальность (ОП)
1	Mukhanov Samat	06.03.2024	6D070400-Computer hardware and software
2	Nalgozhina Nurgul		8D06102- CaPE
3	Naumenko Vitaliy	13.03.2024	6D070400 – Computer hardware and software
4	Alpar Sulpar	22.11.2023	8D06105 – Data science

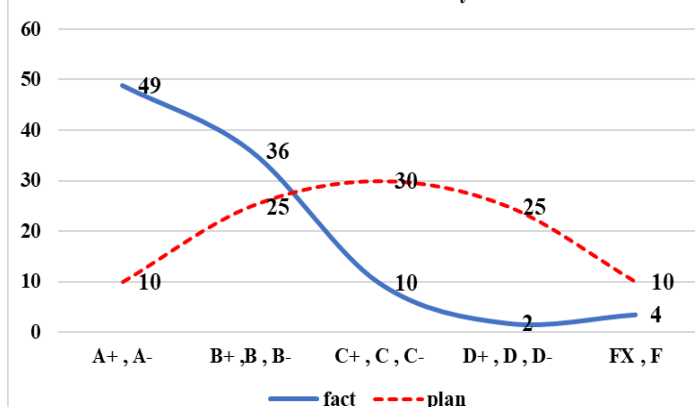
Enrollment of students and results of examination sessions

The absolute academic performance at the university for the 2023–2024 academic year based on the results of the winter and spring examination sessions, excluding the Summer semester, was **96%**.

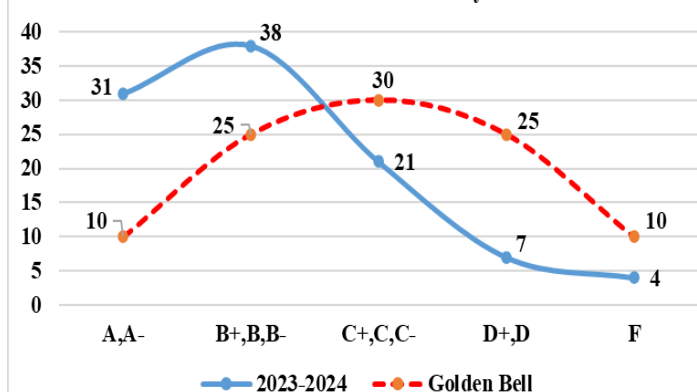
Admission of students over the last 5 years
as of October 5 according to 3-NK, 1-NK



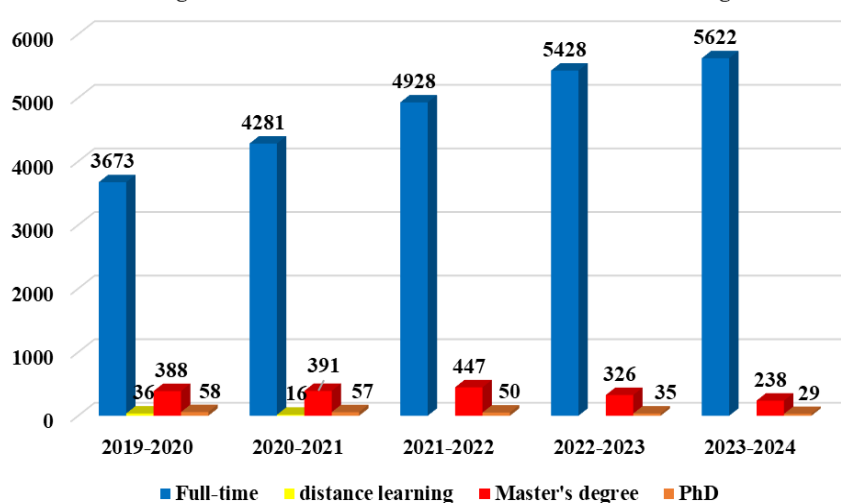
Median grades at the university for the winter semester of
the 2023-2024 academic year



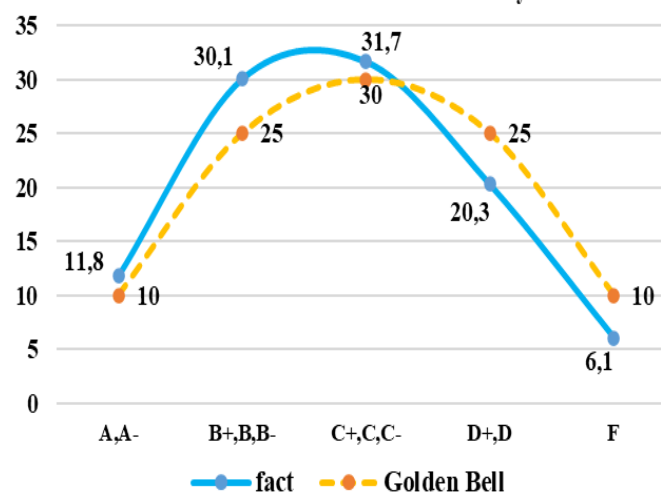
Median grades based on the results of the spring session
of the 2023-2024 academic year



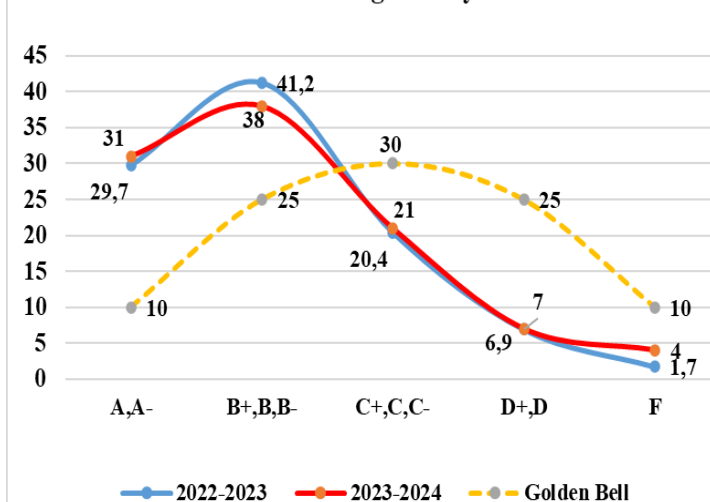
Contingent from 2009 to 2023 studies as of October 5 according to 3-NK



Summer semester 2023-2024 academic year



Median ratings for 2 years



Employment of graduates

92%

employment rate of graduates according to the State Center for Employment of Graduates

94%

employment rate of graduates according to the National Chamber of Entrepreneurs "ATAMEKEN"

129

employer companies

40

events held jointly with employers and the IITU Alumni Association

15

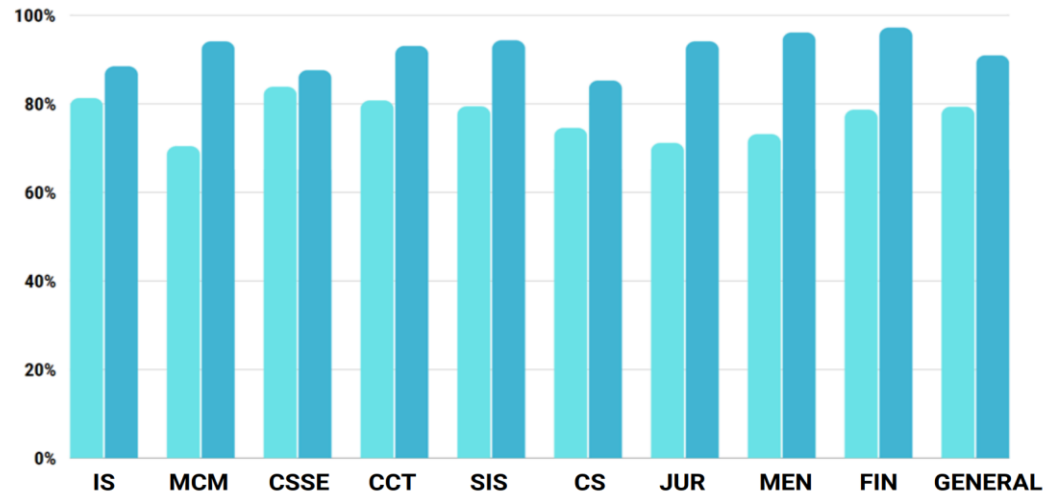
DAY in honor of IITU anniversary

5

new memorandums of cooperation with employer companies

5

certificates



Science and Research



Grant funding projects

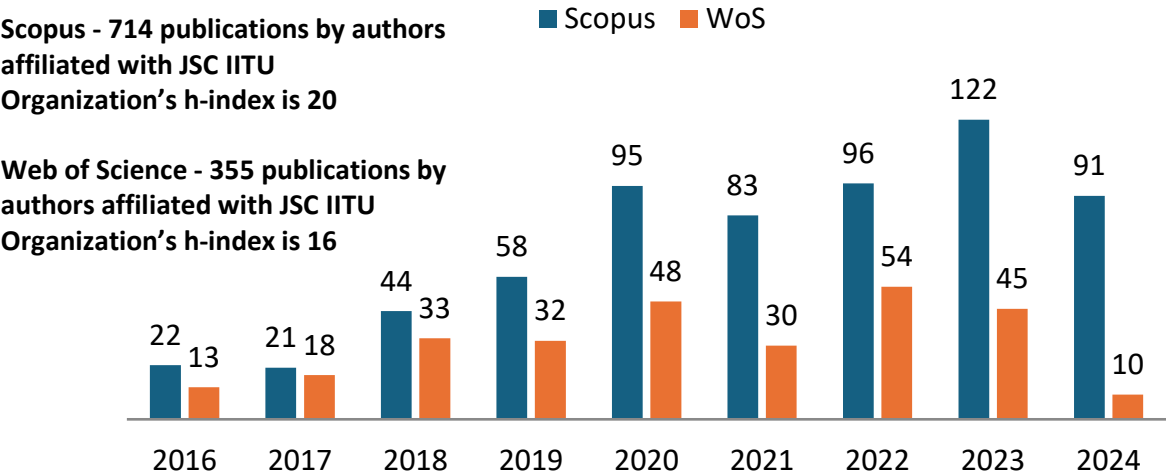
Projects	Years of implementation	Quantity	Funding
Grant Funding for Young Scientists	2022-2024	1	74,9M KZT
Grant Funding	2022 -2024	2	155,8M KZT
Commercialization of R&D Results	2022 -2024	1	299,092M KZT
Grant Funding for Young Scientists	2023 -2025	1	74,9M KZT
Grant Funding	2023 -2025	4	357,2M KZT
Grant Funding for Young Scientists under the Project «Zhas Galym»	2024 -2026	3	89,2M KZT
1 051,092M KZT			

In 2023, equipment worth 27.14 million tenge was purchased (12.36% of the total projects funding for 2023).

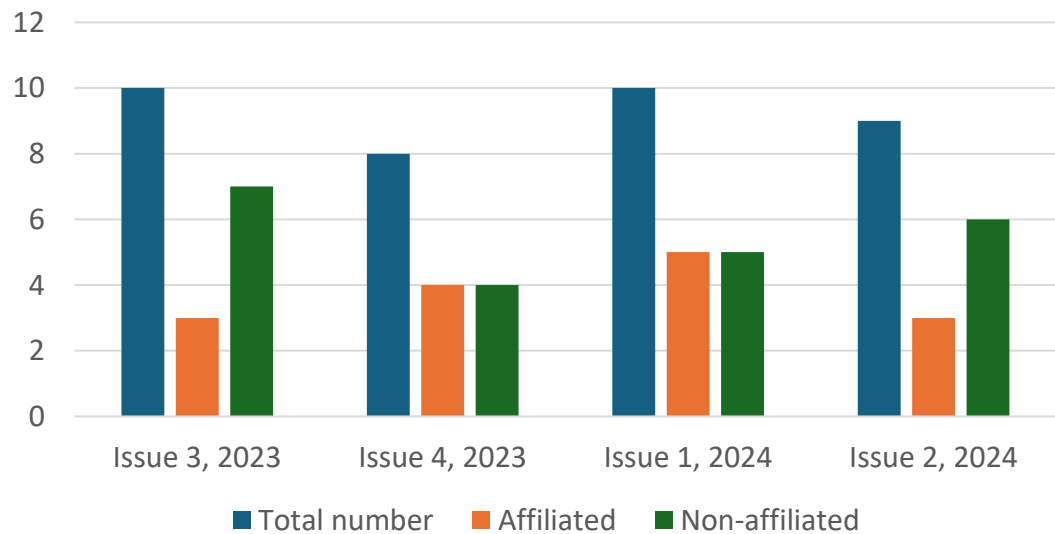
Initiative projects

Projects	Department	Supervisor
Theory and Methodology of Studying Household Wealth in the Digital Age	E&B	Berdykulova G.M.
Features of Teaching Economic Disciplines in the Post-Industrial Era: Methodology, Experience, Practice	E&B	Berdykulova G.M
Methods for Implementing SIEM/SOAR Systems Based on Open-Source Solutions for Building Situational Centers for Monitoring Information Space Activity	Cybersecurity	Amanzholova S.T.
Research on Methods for Diagnosing Diseases Based on Radiotechnical Technologies	RET	Aitmagambetov A.Z.
Development of a Recommendation System Based on Ontology	CE	Chinibayeva T.T.
Development and Implementation of Cutting-Edge Digital Media Technologies in the Activities of Kazakhstan's Mass Media	M&HK	Niyazgulova A.A.
Scientific and Practical Foundations of an Integrative Approach to Career Guidance in the Context of Digital Transformation in Education	M&HK	Abdullayeva G.O.
Interactive Board «Bilim»	RET	Bekenov Y.Y.
Multifunctional Smart Console «AlliN RTEL»	RET	Bekenov Y.Y.
RTEL 5G DAS System	RET	Bekenov Y.Y.
EcoBrix: Road Surfaces Made from Recycled Secondary Materials	RET	Bekenov Y.Y.

Publications



International Journal of Information and Communication Technologies



Publication Activity within the
Kazakh National H-index Ranking Project



INTERNATIONAL
UNIVERSITY

International Information Technology University



Position	National H-index	H-index (Scopus)	H-index (WoS)	H-index (Google Scholar)
25 (12)	20 (+3) (2nd quarter 2024)	23 (+3) (2nd quarter 2024)	19 (+3) (2nd quarter 2024)	33 (+3) (2nd quarter 2024)
27 (12)	17 (+2) (4th quarter 2023)	20 (+3) (4th quarter 2023)	16 (+2) (4th quarter 2023)	30 (+3) (4th quarter 2023)
29	15 (2nd quarter 2023)	17 (2nd quarter 2023)	14 (2nd quarter 2023)	27 (2nd quarter 2023)

Motivational Payments

Indicator	2022	2023
Total number of publications (meeting the conditions of the Regulations on motivational payments)	47	59
Number of authors from IITU	28	43

Number of publications

Percentile	2022	2023
75-99	20	24
50-74	15	16
25-49	12	19

Payments per article

Percentile	2022	2023
75-99	740 000	750 000
50-74	640 000	650 000
25-49	540 000	550 000

Conferences, forums, seminars

- VII International Conference «Digital Technologies in Education, Science and Industry – 2023» (DTESI 2023)
- The International Workshop «Digital Society: In the Eve of the 6th Information Revolution» (organized within International Conferences EUSPN 2023 u ICTH 2023)
- V International Student Scientific and Practical Conference «Youth Digital Forum» (YDF-2024)
- International Scientific and Practical Conference «Geopolitics of the New Reality: Kazakh and Eurasian Experience»
- International Scientific and Practical Conference «Journalism in the 21st Century: Global Challenges and National Perspectives»
- International Scientific and Practical Conference «Kazakhstan in the Space of International Dialogue in the Digital Age: Solutions and Initiatives»
- Round table «Trends of the Science of the Future»
- Webinar «Science Education»
- Seminar-training «Scientific Article in Journals Recommended by the Committee: From Idea to Promotion»
- Seminar-training «Compelling Scientific Grant Proposal: From Idea to Submission (Using the Example of the Grant Funding Competition for Scientific and/or Scientific-Technical Projects for 2023–2025)»
- Summer School on Artificial Intelligence for Alliance Universities
- Series of Webinars «Artificial Intelligence and Cyberspace Security»
- Practical Seminar «The Use of Scientometrics for Building a Scientific Career in Computer Science and Mathematics»



HOME PAGE	PAPER SUBMISSION	WORKSHOP PROGRAM
<h3>Digital society: in the eve of the 6th Information Revolution</h3> <p>The future information revolution 6.0 will be a logical continuation of the fifth information revolution, which for the first time in history has created technologies to enhance human intellectual activity. Today we can already notice the trends of the coming revolutionary transformations.</p> <p>The future information revolution 6.0 will be a logical continuation of the fifth information revolution, which for the first time in history has created technologies to enhance human intellectual activity. Today we can already notice the trends of the coming revolutionary transformations.</p> <p>Obviously, the creation of cognitive technologies will be the first to be tested by the military, as it was at the beginning with the Internet. The first applications being developed today concern the neurocommunication of soldiers in combat with remote command posts and combat device operators. Based on these protocols, communication environments for mass use can be built - Neuronet. They will create platforms for education, communication, management in the neural network, as well as many opportunities for the entertainment industry.</p> <p>Workshop "Digital society: in the eve of the 6th Information Revolution" will be held in Kazakhstan on 7-9 th of November 2023 in conjunction with the 14th International Workshop on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN).</p>		

Scientific research work of students (SRW)



In the spring, the Ministry of Science and Higher Education holds the Republican Competition of Students' Research Papers in universities of Kazakhstan.

In the 2023-2024 academic year, JSC "IITU" was the base university for holding the II stage of the competition in the areas of "Information Systems" (bachelor), "Mathematical Computer Modeling" (bachelor).

Number of prize places for research in the 2023-2024 academic year

№	Направление подготовки	1 место	2 место	3 место
1	Математическое и компьютерное моделирование	1		
2	Вычислительная техника и программное обеспечение (магистратура)		1	
3	Информационные системы (бакалавриат)		1	
4	Системы информационной безопасности	1		
5	Радиотехника, электроника и телекоммуникации			1
	Итого	2	2	1

Protected PhD - students

№	Full name	Дата защиты	Специальность (ОП)
1	Alpar Sultan	22.11.2023	8D06105 - Data Science
2	Mukhanov Samat	06.03.2024	6D070400 – Computer hardware and software
3	Nalgozhina Nurgul		8D06102 – Computer and Software Engineering
4	Naumenko Vitalyi	13.03.2024	6D070400 - Computer hardware and software



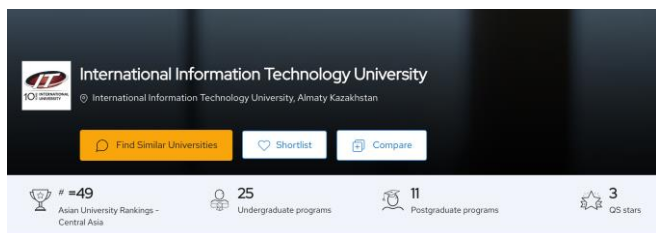


Reporter
World University Rankings
2024

[Kazakhstan](#)

International IT University

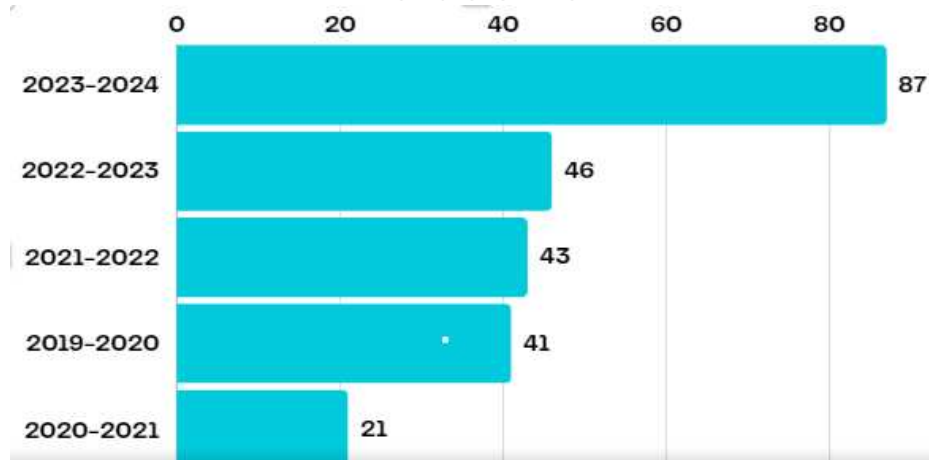
On September 27, 2023, IITU was included in the 2024 Times Higher Education World University Rankings with "Reporter" status.



Rated for Excellence
International Information Technology University

"3 stars" of excellence in the international rating QS STARS rating system

Outgoing academic mobility of students



Double degree programs



Inha University, South Korea - *IT Project Management (Master's program)*



UNITEN University, Malaysia - *Financial Engineering*

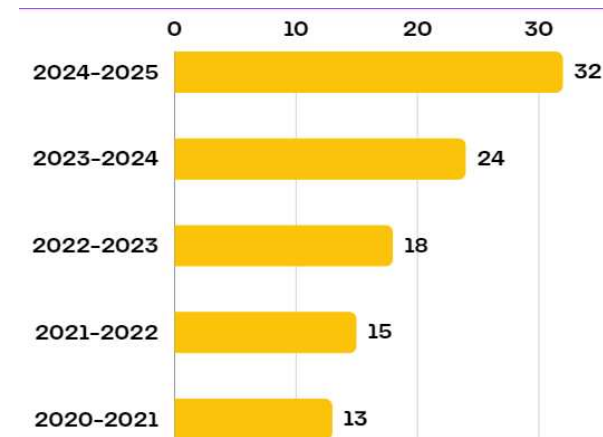


Hof University, Germany – *Computer science and software; Network security*



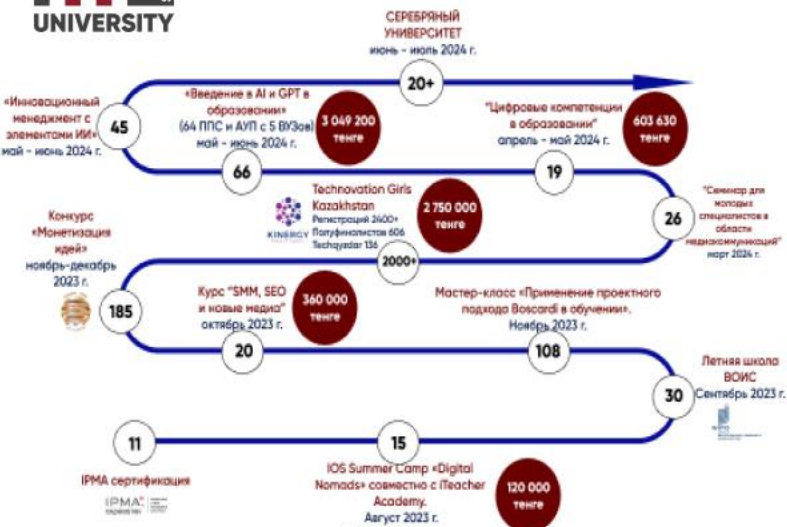
Adam Mickiewicz University, Poland - *Journalism*

Involved foreign scientists



91 MoU

At the moment, IITU has 91 working agreements with foreign universities and organizations



6 882 830
тенге

1280+
слушателей

Страница Департамента на официальном сайте Университета - <https://iitu.edu.kz/ru/articles/global-education/>.



Instagram страница - @iitu_gloaledu.



Telegram канал - https://t.me/iitu_gloaledu



Был собран пул тренеров и совместно разработаны курсы и тренинги по следующим направлениям, а также промо материалы для них:

1. «Нетривиальные инструменты подбора персонала».
2. «KPI: Разработка и внедрение».
3. «Как провести стратегическую сессию».
4. «Применение проектного подхода boscardi в обучении» (для студентов, магистрантов, докторантов).
5. «Как начать свой консалтинговый бизнес».
6. Управление проектами.
7. «AGILE PROJECT MANAGEMENT: ОСНОВЫ»

ЗАКЛЮЧЕННЫЕ ПАРТНЕРСТВА

- 2 ноября 2023 г. ТОО «Северо-Западная трубопроводная компания «МунайТас»
- 24 ноября 2023 г. «UNIVERDO EAST LTD.».
- 9 января 2024 г. ТОО "UMV Kaz"
- 9 февраля 2024 г. Казахстанская палата консультантов по менеджменту – CMC Kazakhstan.
- 13 марта 2024 г. Высшая школа государственного управления Сеульского национального университета (SNU GSPA)
- 28 мая 2024 г. Open University Malaysia (OUM)



27 декабря 2023 г. Международный университет информационных технологий (ИИТУ) стал членом Инициативы Организации Объединенных Наций «Взаимодействие с академическими кругами» (ЮНАИ) (United Nations Academic Impact (UNAI))

OUR PARTNERSHIPS



№	Кафедра	Наименование программы микроквалификации	Партнер-работодатель	Образовательная программа, в которую входит микроквалификация	Количество кредитов
1	МБМ	ML Specialist	ТОО РЕДПРИНТ (Digital Agency)	6B06112 Data science	15
2	КБ	Сетевой администратор	ОО «Internet society»	6B06303-Сетевая безопасность	15
3	РЭТ	Наименование программы - Обслуживание и эксплуатация волоконно-оптических линий связи. Присваиваемая микроквалификация - Техник-специалист по оптическим системам связи	Компания «Оптек»	6B06201-Телекоммуникационные системы и сети, 6B06203-Мобильные технологии телекоммуникаций	15
4	КИ	Web программирование	Aqua Point	Программная инженерия	15
5	ИС	Java Developer	ТОО "THOUSAND IT COMPANY"	ИС	20



Межвузовский стандарт по применению искусственного интеллекта в высшем и послевузовском образовании Республики Казахстан
(Рекомендован Республиканским учебно-методическим Советом Министерства науки и высшего образования Республики Казахстан 20 декабря 2023 года.
Подготовлен Учебно-методическим объединением (УМО) по направлению подготовки кадров «063 – Информационно-коммуникационные технологии» на базе АО «Международный университет информационных технологий» и принят на расширенном заседании УМО 15 марта 2024 года.)

coursera

X



- Доступных лицензий – 2188
- Курсы обязательные – 40

coursera

- Доступных лицензий – 5000
- Итого всех регистраций на курсы (включая необязательные) – 26167
- Всего завершенных курсов – 6238
- Уникальных завершенных курсов – 519
- Перезачтенных уникальных курсов – 88



- **40** Different Events: 6 civic and patriotic events, 4 spiritual and moral events, 4 legal and anti-corruption events, 10 social events, 13 cultural and mass events, 3 events promoting a healthy lifestyle and sports.

- Sports Achievements of IITU Students:

Champions of the Student League of Almaty, **ALMA CUP 2024**, and the **KNU Rector's Cup 2024**.

- Enactus Kazakhstan National Expo 2024 – **2nd place**.

- In Esports:

ACG Students League – **2nd place** in *CS:GO*, **1st place** in *DOTA 2*.

Almaty Cup – **1st place** in *CS:GO*, **1st place** in *DOTA 2*.





MIIT is the leader among universities in Kazakhstan and Central Asia in ICPC. Winners and prize winners of local Olympiads IITU Open, KBTU Open, NU Open

The IITU team reached the World Olympiad Final 7 times in 2013, 2014, 2019, 2020 (held in October 2021 in Moscow), 2021 (held in November 2022 in Dhaka), 2022 and 2023 (will be in April 2024 in Cairo), 2024 (will be



The IITU team, consisting of participants Mikhail Kapitov, Abdusattar Srazhov and Torezhan Botakanov, under the leadership of coach Eskendir Sultanov, became one of the 16 best teams in Northern Eurasia (CIS) and reached the ICPC 2023 World Finals, which will be held in Egypt in April 2024.

World Finals 2024 - September 2024, Astana.

Implementation of the business incubation program with partial funding from JSC “National Agency for Innovation Development “QazInnovations”.

The main **goal** of the IITU Innovation business incubation program is to assist the center's residents in developing their business projects. The incubator provides the resources and infrastructure necessary for the successful launch and growth of startups.

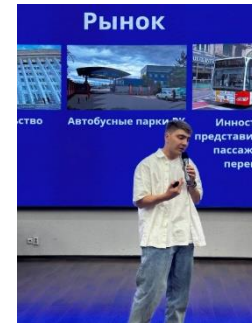
Funding amount provided by JSC "National Agency for Innovation Development " QazInnovations’’:
16,645,120 KZT.

First cohort: August 1, 2023, to September 10, 2023.

Second cohort: September 18, 2023, to October 29, 2023.

During the first cohort of business incubation, 15 projects were selected. The program successfully conducted 48 hours of masterclasses, 52 hours of consulting sessions, and 100 hours of individual consultations. A total of 12 projects completed the business incubation program.

In the second cohort, 26 projects were selected. The program provided 28 hours of masterclasses, 107 hours of consulting sessions, and 61 hours of individual consultations. A total of 13 projects successfully completed the second cohort of business incubation.



On the Instagram page, 50 posts about the innovation activities of “@itinocenter” were published. Agreements were signed with 33 projects.

Instagram: <https://www.instagram.com/itinocenter>

DemoDay 01/23: <https://youtu.be/4lUjLTb-AOY>

DemoDay 02/23 online broadcast:

<https://www.youtube.com/watch?v=OOF7ho6tDfw>

DemoDay 02/23: <https://youtu.be/DFsMEXqH5PI>

Media: <https://inbusiness.kz/kz/last/demo-day-02-23-startaperlarge-zhana-mumkindik-syjlady>

On November 27-28, 2023, based on the EXPO 2017, IITU, as part of the University Alliance of Science and Technology, organized the "IT Fest 2023" innovation ideas festival with the support of the Nursultan Nazarbayev Educational Foundation.

The festival featured **8 sections**: Information Technology, Cybersecurity, Cybersport, IITU Open, Cinema and Video, Design and Animation, Ready-Made Solutions, and Robotics.

Participants included teams from Kazakhstan and international teams. A total of 302 teams and 475 participants registered across all sections.

Over the two days of the festival, plenary sessions and masterclasses were held with speakers from leading domestic and international companies.

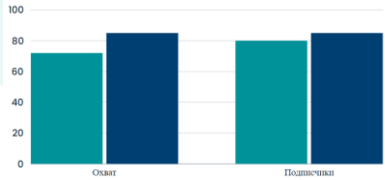
Results of the festival:

IITU students achieved prize-winning places:

- Information Technology – 2nd place: Pixel2Protocol
- Ready-Made Solutions – 3rd place: Beket
- Cinema and Video – 1st place: Bat team
- Cybersecurity – 2nd place: Miras Agzamov
- Cybersport - DOTA 2: 1st place: Katharsis
- CS 2: 3rd place: Inazuma
- IT Fest Open – 2nd place: Fedor Popov

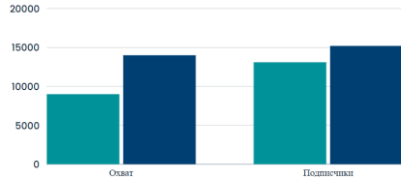


Instagram



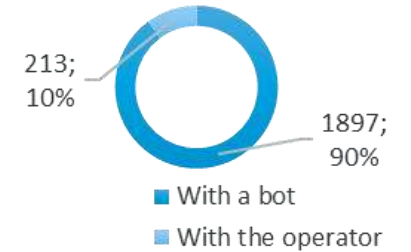
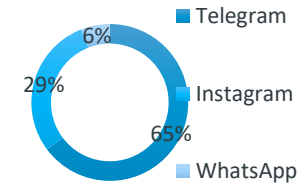
For 2023-2024: Coverage increased by 13% subscribers by 5%

Tik Tok



For 2023-2024: TikTok coverage increased by 35%, subscribers by 10%

Utilizing What's App, Telegram and Instagram chat bots that can automatically work out over 30 relevant questions.



Connecting the CRM system. In the period from March 2024 to June 2024, 725 people are in the database. Of these, 639 received a consultation, 86 are at the stage of document collection.

Vocational guidance work for applicants

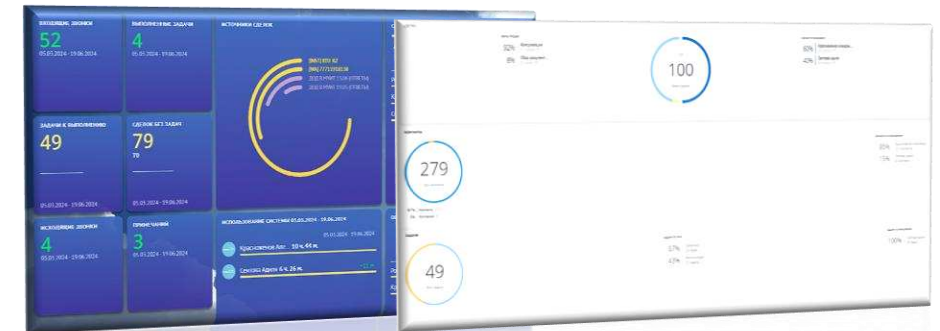
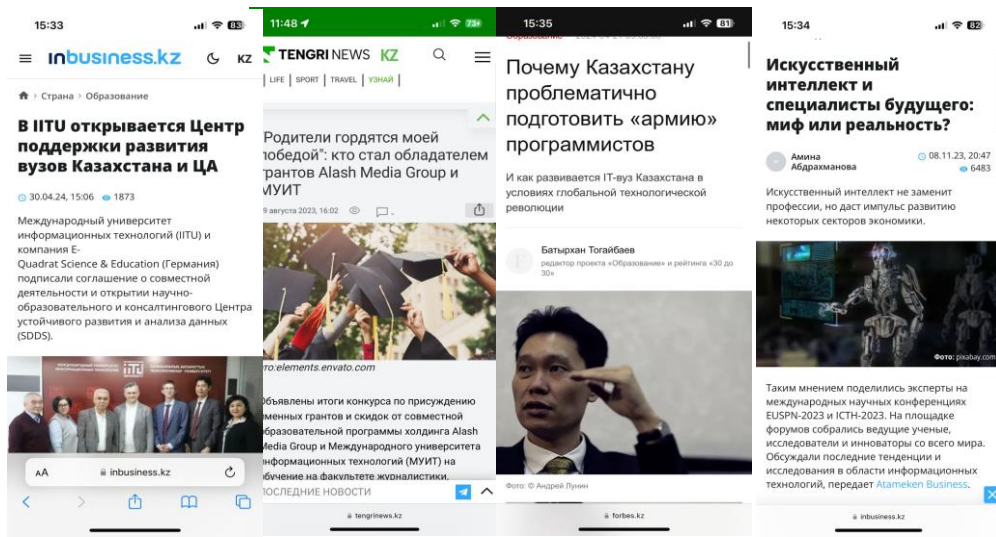
In the period 2023-2024:

- 15 trial UNTs were organized;
- more than 5,000 applicants received consultations;
- 4 Open Days
- 15 exhibitions (one of them abroad)



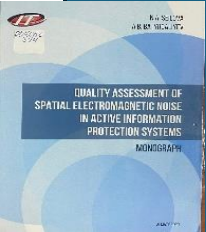
MEDIA

During the year about 50 articles were published in the media (TengriNews, 24.kz, Forbes, Caravan, BlueScreen, Xabar, WeProject, etc.).



In six months, the rating of the personal account on the 2GIS platform was increased from 3.0 to 3.2 points (data as of 14.06.2024)

Library activities



The library collection has been expanded by 437 pieces of literature.



Access to IEEE International Database resources is provided

The library acquired the IEEE-Wiley Data and Cybersecurity eBooks Library (207 titles)



The library works with the IRBIS64 system



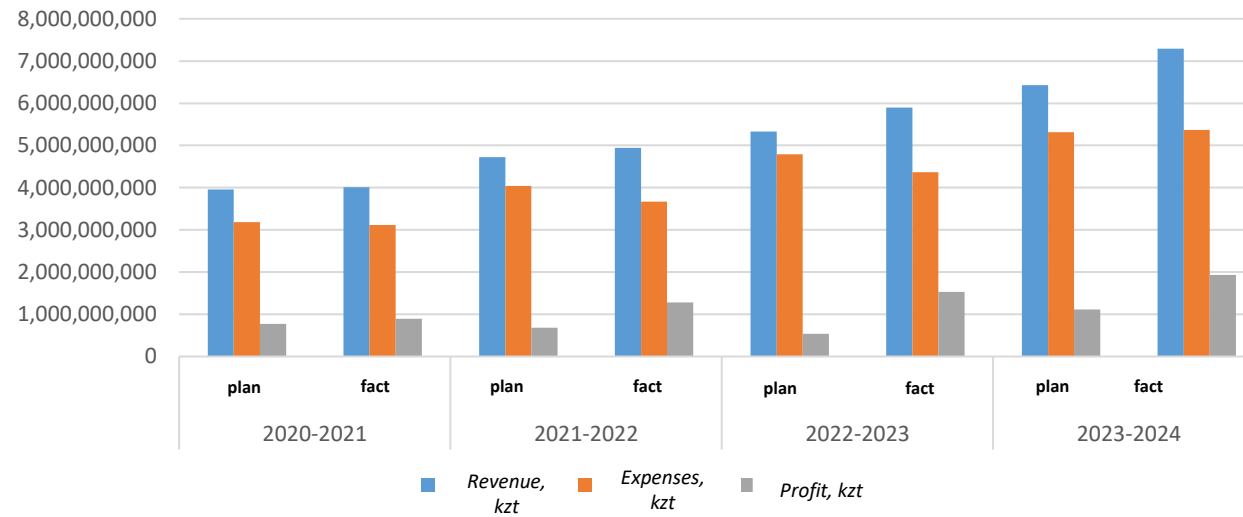
A planetary scanner of the COPIBOOK I2S brand was purchased. 98 works of the PTS were digitized.



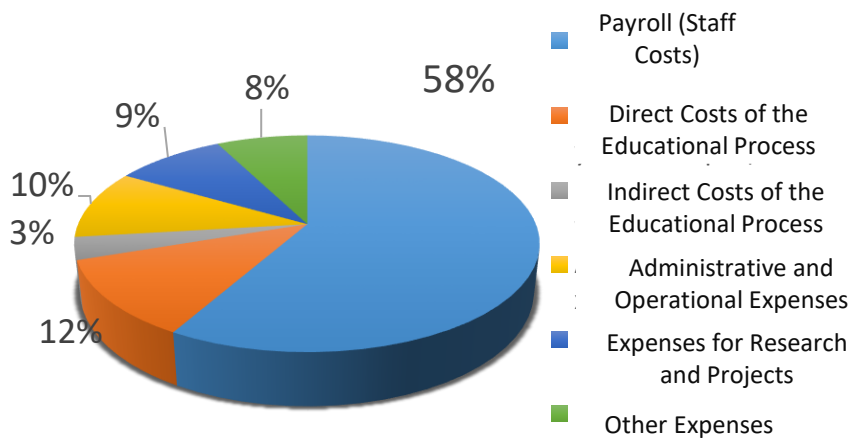
21 events were held to mark significant and memorable dates

Financial activities

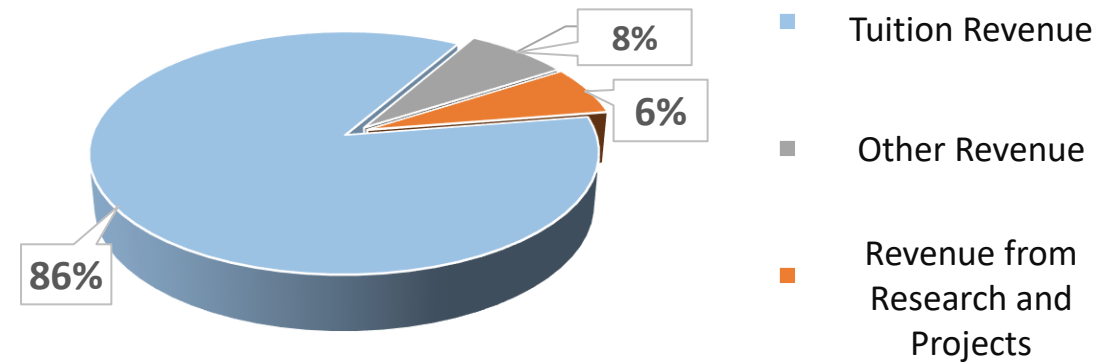
Plan-Fact Budget Analysis of JSC "IITU"



Expenses of JSC "IITU" for the 2023-2024 Academic Year



Revenue of JSC "IITU" for the 2023-2024 Academic Year



- Successful completion of the International Program re-accreditation procedure of JSC “IITU”;
- Development and implementation of an Educational Program on Artificial Intelligence in the context of bachelor's and master's degrees;
- Implementation and further expansion of double-degree programs and academic mobility initiatives;
- Expanding the university’s capacity to provide additional educational services, increasing the number of relevant professional development courses in ICT, cybersecurity, and artificial intelligence.
- Ensuring students receive certification for micro-qualifications through collaboration with qualification recognition centers.
- Implementation of a grading system for the university’s faculty and staff and evaluation of its effectiveness.
- Development and implementation of the university's roadmap for Artificial Intelligence.
- Creation of a mechanism for working with alumni, experts, and potential partners to promote the university’s image in the global educational space.
- Development of scientific and professional competencies for faculty and staff to conduct high-quality research and successfully defend PhD dissertations.
- Improvement of the university's digitalization model through updating digital infrastructure and integrating artificial intelligence.
- A comprehensive approach to involving students in public-patriotic and cultural-sporting activities of the university and the city.
- Organizing volunteer movements to support socially vulnerable students and individuals with special needs.

Thank you for your attention!

Chairman of the Board – Rector of JSC "IITU"
Issakhov Assylbek Abdiashimovich

