REPORT

on the results of the work of the external expert commission
according to the assessment for compliance with the requirements of the
standards of specialized accreditation of educational programs
(re-accreditation)
6B05212 "Ecology",
6B11221 "Life safety and environmental protection"
NSEI "Kazakhstan University of Innovative and
Telecommunication Systems"

in the period from 22 to 24 May 2023

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ ТӘУЕЛСІЗ АГЕНТТІГІ
НЕЗАВИСИМОЕ АГЕНТСТВО АККРЕДИТАЦИИ И РЕЙТИНГА
INDEPENDENT AGENCY FOR ACCREDITATION AND RATING

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Uralsk, 2023

CONTENT

(I) LIST OF SYMBOLS AND ABBREVIATIONS

AIS	Automated information system
EEC	External expert commission
SAC	State Attestation Commission
GEP	Group of educational programs
UNT	Unified National Testing
WKR	West-Kazakhstan region
IC	Individual curriculum
KazUITS	Kazakhstan University of Innovative and Telecommunication Systems
CT	Comprehensive testing
CED	Catalog of elective disciplines
MSHE RK	Ministry of Science and Higher Education of the Republic of Kazakhstan
IAAR	Independent agency of accreditation and rating
RW	Research work
NQF	National Qualifications Framework
SRW	Student research work
RC	Research Center
NSEI	Non-state educational institution
EP	Educational program
MD	Major disciplines
TS	Teaching staff
WC	Working Curriculum
RF	Russian Federation
IWS	Independent work of the student
IWST	Independent work of the student with the teacher
LLP	Limited Liability Partnership
MC	Model Curriculum
EMC	Educational and Methodological Council
EMCD	Educational-methodical complex of the discipline
EMCS	Educational and methodological complex of specialties

(II) <u>INTRODUCTION</u>

In accordance with the order No. 98-23-OD dated March 27, 2023 of the Director General of the Independent Agency for Accreditation and Rating, from May 22 to May 24, 2023, an external expert commission assessed the compliance of educational programs 6B05212 - Ecology, 6B11221 - Life Safety and Environmental Protection (Uralsk) the standards of the specialized accreditation of the educational program of the organization of higher and postgraduate education of the IAAR (No. 57-20-OD of June 16, 2020, sixth edition).

The report of the external expert commission (EEC) contains an assessment of the submitted educational programs against the criteria of IAAR standards, recommendations of the EEC for further improvement of educational programs and parameters of the profile of educational programs.

The composition of the EEC:

Chairman of the EEC– Aldungarova Aliya Kairatovna, PhD, Associate Professor, East Kazakhstan Technical University named after D. Serikabaeva (Ust-Kamenogorsk, Republic of Kazakhstan);

Foreign expert IAAR– Fartunova Maria Atanasovna, Associate Professor, Doctor, Mining and Geological University named after St. John of Rilski (Sofia, Bulgaria);

IAAR expert– Zhumazhanov Serik Karataevich, Candidate of Technical Sciences, Kazakh Agrotechnological University named after S.Seifullin (Astana, Republic of Kazakhstan);

IAAR expert– Khamraev Sheripidin Itakhunovich, Candidate of Technical Sciences, Associate Professor, Kazakh National Pedagogical University named after Abai (Almaty, Republic of Kazakhstan);

IAAR expert– Zeinullina Aigul Zhumagalievna, Candidate of Economic Sciences, Associate Professor, Head of the Department of Economics and Finance named after Shakarim University (Semey, Republic of Kazakhstan);

IAAR expert– Tusaeva Aliya Kuanyshovna, Candidate of Economic Sciences, Associate Professor, Head of the Department of Business Administration, Turan University (Almaty, Republic of Kazakhstan);

IAAR expert– Tatarinov Danila Vladimirovich, candidate of legal sciences, Kazakh National University named after Al-Farabi (Almaty, Republic of Kazakhstan);

Employer– Sarsimbekov Berik Kudaibergenovich, International Mediation Center (Astana, Republic of Kazakhstan);

IAAR student– Tynymbaeva Aruzhan Muratkyzy, 2nd year undergraduate student of the EP "Translation Studies", Eurasian National University named after. L.N. Gumilyov (Astana, Republic of Kazakhstan);

IAAR student– Seilbekov Zhandos, 4th year student of the EP "Computer Engineering and Software", Humanitarian and Technical Academy (Kokshetau, RK);

IAAR student– Sisenova Tolganai, 1st year undergraduate student of the EP "Management", Turan University (Almaty, Republic of Kazakhstan);

IAAR student– Akhmetova Asylzhan, 2nd year undergraduate, Eurasian National University named after L. N. Gumilyov (Astana, Republic of Kazakhstan);

IAAR student– Zhakenova Rabiga, 2nd year undergraduate, Kazakh National Pedagogical University named after Abai (Almaty, Republic of Kazakhstan);

IAAR Coordinator– Bekenova Dinara Kairbekovna, Head of the project for accreditation of organizations of technical and vocational education of the Independent Agency for Accreditation and Rating (Astana, Republic of Kazakhstan).

(III) REPRESENTATION OF EDUCATIONAL ORGANIZATION

The non-state educational institution "Kazakhstan University of Innovative and Telecommunication Systems" has been carrying out educational activities as an independent higher educational institution since September 2015 on the basis of state license No. KZ33LAA00005815, issued on September 29, 2015 by the CCES of the Ministry of Education and Science of the Republic of Kazakhstan.

In general, the university has a 20-year history of educational activities and was one of the first private universities in the western region: a branch of the Kazakhstan Institute of Information Technologies and Management (Almaty) (1998); Institute of Innovation and Telecommunication Systems (2005); West Kazakhstan Engineering and Humanities University (2008) formed by merging 5 private universities in Uralsk.

The choice of strategic directions for the development of the University until 2025 is determined by its mission, vision and development priorities, outlined in the Strategic Development Plan of the NSEI "Kazakhstan University of Innovative and Telecommunication Systems» for 2022-2025.

Mission of the University-training of competitive personnel in order to ensure industrial-innovative and sustainable development of the region and the country, contributing to the formation of an intellectual nation.

Vision of the University consists in the educational activities of the university, aimed at the close integration of education, science and production, ensuring the high quality of educational and professional training of graduates, as well as the development of the national innovation system.

University ranking, accreditation. In 2020, the Kazakhstan University of Innovation and Telecommunication Systems took 12th place in the overall ranking of educational programs conducted by the Independent Accreditation and Rating Agency (IAAR), in particular, the following places were taken:

- 1st place - GEP "Economics";
- 2nd place - GEP "Law", "Information Technologies";

In the ranking of educational programs of universities in 2021, according to the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken", the top 10 EPs included:

- EP "Production of building materials, products and structures" (bachelor's degree) - 5th place out of 7;
- EP "Cadaster" (bachelor's degree) - 4th place out of 8;
- EP "Evaluation" (undergraduate) - 2nd place out of 2.

The structure of the university. According to the website of the university, the structure of the university includes: 6 departments: the department of technical disciplines, the department of general technical disciplines, the department of economics and management, the department of "Ecology and life safety", the department of Jurisprudence, the department of Ruhani zhangyru (https://kazuits.edu.kz/ru/1036), specialized educational laboratories and classrooms.

Brief description of accredited EP 4 clusters.

Educational programs of the 4th cluster go through the procedure of specialized accreditation.

Training of specialists of EP 4 of the cluster of the NSEI "Kazakhstan University of Innovative and Telecommunication Systems" (hereinafter referred to as the NSEI "KazUITS") is carried out in accordance with License No. KZ64BFA00063518, the State Compulsory Standard of Higher and Postgraduate Education, approved by the Decree of the Government of the Republic of Kazakhstan dated August 23, 2012 No. 1080 with amendments and additions for the reporting period.

Training of bachelors of educational programs of the 4th cluster is carried out by the

Department of Ecology and Life Safety using credit technology. Personnel training for accredited EP of the 4th cluster is carried out at the level of 6NQF - bachelor's degree in full-time education. Terms of study: 4 years. Classes are held in the state and Russian languages.

Modular educational programs:

- 6B05212 "Ecology" refers to the group of the field of education - 6B05 Natural sciences, mathematics and statistics, the direction of training - 6B052 Environment, the group of educational programs - B051 Environment. The license number for the direction of preparation is KZ64BFA00063518. The study program was approved by the decision of the Academic Council of the university on March 28, 2019, the study program was updated on February 16, 2022;

- 6B11221 - Life safety and environmental protection "refers to the group of the field of education - 6B11 Services, the direction of training - 6B112 Hygiene and labor protection at work, the group of educational programs - B094 Sanitary and preventive measures. The license number for the direction of preparation is KZ64BFA00063518. The EP was approved by the decision of the Academic Council of the university on March 27, 2019, the update in the register of the EP was on February 16, 2022.

Purpose of the educational program 6B05212 "Ecology"- the formation of students' personal and professional competencies in the field of environmental protection, academic knowledge, necessary skills, professional skills in general, applied ecology and entrepreneurship, which will affect the personal development of students and will find application in their future career, and in continuing education .

Purpose of the educational program 6B11221 "Life safety and environmental protection"- training of specialists of a new formation with general cultural and professional competencies, with high-quality training for the implementation of production, technological, research, organizational, managerial and project activities in the field of solving complex problems of ensuring industrial and environmental safety when performing basic production processes in industrial conditions enterprises.

(IV)   DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

Educational programs 6B05212 - Ecology, 6B11221 - Life safety and environmental protection are undergoing the re-accreditation procedure.

Based on the results of the specialized accreditation (May 17 - 19, 2018), the external expert commission formed 30 recommendations on the standards for specialized accreditation of the EP 4 cluster, in particular 6B05212 - Ecology, 6B11221 - Life safety and environmental protection. The university was issued a certificate of accreditation of EP 4 cluster for a period of 5 years.

According to the results of post-accreditation monitoring, out of 30 recommendations, more than 50% - 13 recommendations were implemented, which is 53% of the total implementation.

Implementation of recommendations with a percentage of 50 and below is reflected in the description of specialized accreditation standards below (section VI).

1. Systematize the format of strategic planning at the university, providing for the possibility of cascading strategic performance indicators in the context of areas, structural units, employees and teaching staff. Conclusion: recommendation under implementation (30%).

2. Update the Strategic Development Plan in the context of the Digital Kazakhstan Program. Conclusion: recommendation under implementation (50%).

3. Ensure systematic integration into the university management of the results of the project "Virtual educational environment of the university: smart jobs for faculty (on the example of KazUITS)". Conclusion: the implementation of the recommendation is not described at a sufficient level (70%).

4. Determine the role and functions of educational program managers. Conclusion: the recommendation is implemented at a sufficient level (90%).

5. To systematize the risk assessment of the development of educational programs and develop a mechanism for their reduction, including such factors as the development and improvement of educational programs, risk management, monitoring, decision-making based on facts. Conclusion: recommendation under implementation (40%).

6. Create a plan to involve well-known scientists, public and political figures, and practitioners in the implementation of the EP. Conclusion: recommendation under implementation (70%).

7. Continue training programs for the management of the EP, including heads of departments and heads of the EP, in education management. Conclusion: the recommendation is implemented at a sufficient level (100%).

8. Develop a provision regulating the procedure for external expertise and selection of stakeholders in the development of the EP. Conclusion: recommendation not implemented (0%).

9. Consider the possibility of participation of border universities in the development of joint EPs. Conclusion: the recommendation is not being implemented (10%).

10. Ensure harmonization of the content of accredited programs with related programs implemented in leading domestic and foreign universities on the basis of agreements and interuniversity integrative activities. Conclusion: the recommendation is not being implemented (0%).

11. Organize joint developments with the teaching staff in the field of teaching methods for major disciplines. Conclusion: Recommendation under implementation (80%).

12. Ensure the transparency of the feedback procedure with students based on the assessment of their satisfaction, in terms of demonstrations by the management of educational programs of the decisions made. Conclusion: Recommendation under implementation (90%).

13. Develop a program to attract students to the implementation of internal and external academic mobility of students in the EP. Conclusion: Recommendation under implementation

(50%).

14. Provide an opportunity to inform students about external and internal mobility, as well as develop measures to facilitate their implementation. Conclusion: Recommendation under implementation (40%).

15. Provide an opportunity to inform students about international projects, grants, internships and promote participation in them. Conclusion: The recommendation is not being implemented (20%).

16. Develop a program to support gifted students and carry out purposeful work on its implementation. Conclusion: Recommendation under implementation (30%).

17. Provide information about the academic mobility of teaching staff and develop a program for its implementation. Conclusions: Recommendation under implementation (20%).

18. Ensure the holding of seminars on the methodology of teaching major disciplines. Conclusions: Recommendation under implementation (80%).

19. Carry out systematic work to ensure the availability of information about teaching staff to the general public, including catalogs of teaching staff, posting questionnaires on the website of the university. Conclusions: Recommendation under implementation (85%).

20. Consider the possibility of participation of teaching staff in the implementation of scientific projects funded by the Ministry of Education and Science of the Republic of Kazakhstan and other funds. Conclusions: Recommendation implemented (100%).

21. Develop mechanisms and provide opportunities for increasing the degree level of teaching staff of accredited EP. Conclusions: Recommendation under implementation (90%).

22. Ensure that the AIS "Platonus" is filled with educational and methodological documentation in the context of the disciplines of the EP, including structured information (presentation materials, video materials, lecture notes, scientific papers of the teaching staff, relevant educational literature, etc.). Conclusions: Recommendation under implementation (50%).

23. Organize verification of the results of research and final works for plagiarism. Conclusions: The recommendation is implemented at a sufficient level (90%).

24. Consider the possibility of students working with personalized interactive resources outside of school hours through remote access to the portal of the university. Conclusions: The recommendation is implemented at a sufficient level (95%).

25. Provide for the possibility of analyzing information in order to identify and predict risks. Conclusions: Recommendation under implementation (50%).

26. Carry out systematic work on making managerial decisions based on the analysis of facts. Conclusions: Recommendation under implementation (70%).

27. The management of the EP should supplement information on the implementation of accredited educational programs on the university website. Conclusions: Recommendation under implementation (50%).

28. To systematize the work on the analysis of information in order to identify and predict the risks of the implementation and development of the educational program. Conclusions: Recommendation under implementation (50%).

29. Consider the possibility of additional courses for professional certification of students in accredited EP. Conclusions: Recommendation not being implemented (0%)

30. The management of the EP should systematically harmonize educational programs with the programs of leading domestic and foreign universities and provide for the possibility of implementing joint EP. Conclusions: The recommendation is not being implemented (0%).

(V)   DESCRIPTION OF THE EEC VISIT

The work of the EEC was carried out on the basis of the approved Program of the visit of the expert commission for specialized accreditation of educational programs in NSEI "KazUITS» in the period from 22 to 24 May 2023.

In order to coordinate the work of the EEC, on May 21, 2023, a kick-off meeting was held, during which powers were distributed among the members of the commission, the schedule of the visit was specified, and agreement was reached on the choice of examination methods.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, the content of self-assessment reports was clarified with the Rector, vice-rectors for areas of activity, heads of structural divisions, heads of departments, heads of educational programs, members of academic committees, teachers, students, graduates. A total of 159 representatives took part in the meetings (Table 1).

Table 1 - Information about employees and students who took part in meetings with the EEC IAAR:

Participant category	quantity
Rector	1
Vice-rectors for areas of activity	3
Heads of structural divisions	13
Heads of departments, heads of educational programs, members of the academic committee	20
Teachers	31
Students	41
Graduates	31
Employers, representatives from practice bases	19
Total	**159**

During the excursion, the members of the EEC got acquainted with the state of the material and technical base of the university, the classrooms were viewed for lectures, practical and laboratory work on the profile of the accredited EP 4 cluster, the places of functioning of the support services for the educational, scientific, social and educational process.

At the meeting of the EEC IAAR with the target groups of the university, the mechanisms for implementing the policy of the university were clarified and certain data presented in the self-assessment report of the university were specified.

At the time of accreditation, the attendance did not take place, as the educational process was completed.

The EEC experts reviewed the practice bases of «IT Group Kazakhstan» LLP, Uralsk Employment Center, Uralsk City Court, and also asked questions to the heads of organizations: the Department of Ecology for the West Kazakhstan Region, the Association of Environmental Organizations of the West Kazakhstan Region, the National Center for Expertise and Certification, RSE "KazStandart", the Specialized Fire Department of Uralsk, the Police Department WKR, Court Administrator for WKR, Department for the Penal Enforcement System of WKR, Office of the Prosecutor's Office for WKR, LLP "TORUS.KZ ", JSC "Jusan Mobile", JSC "Ural signaling and Communication distance", LLP "StroyGazProm", NBA telekom LLP, «IT Group Kazakhstan» LLP, «Uralsk Transformer Plant» LLP.

In accordance with the accreditation procedure, an online survey of 19 teachers and 57 students was conducted.

In order to confirm the information presented in the Self-Assessment Report, the working documentation of the university was requested and analyzed by external experts. Along with this, the experts studied the Internet positioning of the university through the official website of the university.(http://kazuits.edu.kz/).

As part of the planned program, recommendations for improving accredited educational programs of the NSEI "Kazakhstan University of Innovative and Telecommunication Systems", developed by the EEC based on the results of the examination, were presented at a meeting with the management on May 24, 2022.

(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

6.1. Standard "Management of the educational program"

✓ *The institution of higher and/or postgraduate education must have a published quality assurance policy that reflects the relationship between research, teaching and learning.*

✓ *The organization of higher and (or) postgraduate education must demonstrate the development of a culture of quality assurance, including in the context of EP.*

✓ *Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility.*

✓ *The management of the EP demonstrates transparency in the development of the EP development plan, containing the start dates for implementation, based on an analysis of its functioning, the actual positioning of the PA and the focus of its activities on meeting the needs of the state, employers, students and other stakeholders.*

✓ *The EP management demonstrates the existence of mechanisms for the formation and regular review of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP.*

✓ *The EP management should involve representatives of stakeholder groups, including employers, students and teaching staff, in the formation of the EP development plan.*

✓ *The management of the EP must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national priorities and the development strategy of the organization of higher and (or) postgraduate education*

✓ *The organization of higher and (or) postgraduate education must demonstrate a clear definition of those responsible for business processes within the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies.*

✓ *The management of the EP must provide evidence of the transparency of the educational program management system.*

✓ *The management of the EP must demonstrate the existence of an internal quality assurance system for the EP, including its design, management and monitoring, their improvement, decision-making based on facts.*

✓ *The management of the EP must carry out risk management, including within the framework of the EP undergoing primary accreditation, and also demonstrate a system of measures aimed at reducing the degree of risk.*

✓ *The management of the EP should ensure the participation of representatives of employers, teaching staff, students and other interested parties in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.*

✓ *The OE must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals.*

✓ *The management of the EP must demonstrate evidence of readiness for openness and accessibility for students, teaching staff, employers and other interested parties.*

✓ *The management of the EP should be trained in education management programs.*

Evidence

The university has a strategic planning system: the Strategic Development Plan of the University for 2022-2025 is in force (approved by the decision of the Academic Council of the university on 01.10.2020, protocol No. 2, with amendments and additions on 10.29.2021, protocol No. 3,https://drive.google.com/file/d/1f_I7L6SLmf1eNJDTAsAPsAf-jw16iJlU/view). The development plan reflects 3 priority goals:

1. Providing sectors of the economy with competitive personnel;
2. Increasing the contribution of science to the sustainable development of the economy;
3. Improvement of spiritual and moral, patriotic and labor education.

The development strategy was developed taking into account planning for time intervals and achievement of indicators, however, the management of the university and the management of the EP need to identify risks in the implementation of the Strategy and development plans for the EP.

The quality assurance policy of the university is described in the documented procedure

"Quality Policy" (https://drive.google.com/file/d/1e7rkPRv5K24ug7K2ZtG-nwQO72sRlV_w/view, approved Decision of the AC dated January 31, 2019, protocol No. 5, with amendments and additions as of October 1, 2020, protocol No. 2), which reflects the relationship between scientific research, teaching and learning.

The culture of quality assurance in the university is supported by documenting the implementation of the main processes and procedures, passing accreditation by rating agencies. An example of documenting quality assurance procedures is the main regulatory documents that define the Quality Policy, documents that establish uniform requirements for the quality of the performance of professional duties by teachers and university staff. Commitment to the ideas of quality, support for a culture of quality at the university is confirmed by representatives of the teaching staff, students and other stakeholders. The quality of work performed by external contractors is prescribed in the terms of agreements and memorandums of cooperation (Examples of cooperation agreements with external service providers (mobility, Internet, anti-plagiarism, outsourcing, etc.) are presented).

The university has an extensive governance structure, which is posted on the website university (http://kazuits.edu.kz/ru/123636/struktura), job descriptions and Regulations for the activities of structural units are presented.

The procedure for the work of collegial management bodies is defined and documented (Documented procedures for the work of the Academic Committees and the Commission for Quality Assurance are presented).

The transparency of the educational program management system can be traced through the participation of stakeholders in the design, implementation and monitoring of the EP. The composition of the collegial management bodies of the educational program includes representatives of the teaching staff, employers and students who take part in the discussion of the design and implementation of the EP, make proposals and make decisions in accordance with their competence. There are external examinations on EP. Based on the results of the examination, issues on the content and implementation of the IEP were discussed. For example: an increase in the number of credits for practical training, the inclusion in the IEP of disciplines that form competencies described in professional standards, the creation of branches of departments at the enterprise.

The management of the EP has a certificate of training in education management programs.

Analytical part

The external expert commission was presented with plans for the development of educational programs of the 4th cluster, the goals of which correlate with the development goals of the university for 2022-2025. The university demonstrated the development of the goal and development strategy of the EP based on the analysis of external and internal factors. The content of the EP development plans contains an analysis of the current state for the period of development and approval of the document, the main activities in the implementation of the EP. The document was developed on the basis of target, time indicators with the definition of responsible for the implementation of activities. The staff of the university took part in the development and approval of the EP development plan.

The management of the EP is developing plans for the development of the EP, however, at the moment, they need to be revised in order to prepare for implementation in the new 2023-2024 academic year, with a discussion of the content and development of the EP with external and internal stakeholders. The individuality and uniqueness of the EP development plan is demonstrated on the basis of features, the implementation of which is largely determined by regulatory documents, and, accordingly, the uniqueness of the EP development plans is not traced. The individuality of the EP development plan is also not traced; targeted attention to ensuring this requirement is not paid. Therefore, experts note the need to involve representatives from the student community in the discussion of the content and development of EP development plans, in addition,

Observed innovation management within the EP. A fairly good potential of the leading teaching staff and the availability of a fairly wide range of certificates of advanced training courses have been demonstrated, the implementation of the results of passing these courses into the educational process has been demonstrated, there is an analysis of innovative proposals, and the implementation of an educational program (grant funding) has been demonstrated.

The management of the university and the management of the EP did not fully demonstrate the application of the developed procedure in practice. The presence of risk management at the level of planning and implementation of strategic documents for the development of the university and the development of the EP is not observed.

EEC experts note good comments from all categories of interviewed groups about openness and accessibility management of the university and the leaders of the EP, who are constantly in close contact with both students and teaching staff, and with external stakeholders involved in various business processes of the university.

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":
1. The management of the university should analyze and systematize the impact of risks on the activities of the university. Based on the analysis carried out, develop a medium-term plan (for 3 years) to prevent and overcome risks in order to improve the activities of the university and improve the quality of educational services and begin its implementation from the 2023-2024 academic year.
2. Guidelines of EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection", to ensure individuality and uniqueness, determine the advantages of accredited EP in comparison with other EP implemented in the region and the Republic of Kazakhstan, and, based on the analysis, adjust development plans EP, defining their individuality and uniqueness. Deadline: 09/01/2023.
3. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" to analyze and systematize the impact of risks on the implementation of accredited EP, with reflection of the results of the analysis in the protocols of collegiate management bodies. Deadline: 09/01/2023.
4. The management of the university, the management of structural divisions and the management of all EP of the university in the planning of their activities annually include blocks with a description of possible risks in the implementation of activities and the implementation of the EP, indicating the names of risks, possible consequences in case of failure to take and (or) timely response measures, and also with a description of the mechanisms and measures of risk management.

EEC conclusions:
According to the standard "Management of the educational program", 17 criteria are disclosed, of which: 15 positions are satisfactory, 2 positions require improvement.

6.2. Standard "Information Management and Reporting"

✓ The OE must demonstrate the existence of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software tools and that it uses a variety of methods to collect and analyze information in the context of the EP.
✓ The management of the EP must demonstrate the existence of a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system.
✓ The management of the EP must demonstrate fact-based decision making.

✓ *Within the framework of the EP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of structural units, scientific research.*

✓ *The OE must establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects.*

✓ *The OE must demonstrate the determination of the procedure for and ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of the analysis of information and the provision of data.*

✓ *An important factor is the availability of mechanisms for involving students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.*

✓ *The management of the EP must demonstrate the existence of a mechanism for communication with students, employees and other interested parties, as well as mechanisms for resolving conflicts.*

✓ *The OE must demonstrate the existence of mechanisms for measuring the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP.*

✓ *The OE should provide for an assessment of the effectiveness and efficiency of activities, including in the context of the EP.*

✓ *The information expected to be collected and analyzed within the framework of the EP should take into account:*

- *key performance indicators;*
- *the dynamics of the contingent of students in the context of forms and types;*
- *academic performance, student achievement and dropouts;*
- *satisfaction of students with the implementation of the EP and the quality of education at the university;*
- *availability of educational resources and support systems for students.*

✓ *The PA must confirm the implementation of the procedures for processing personal data of students, employees and teaching staff on the basis of their documented consent.*

Evidence

The university ensures the functioning of the system for collecting, analyzing and managing information based on modern ICT and software.

To automate the process of collecting and analyzing information, KazUITS has implemented and operates the following systems for collecting, analyzing and managing information: information management within the official website of the university (*http://kazuits.edu.kz/*);management of educational and methodological information within the framework AIS "Platonus" (https://platonus.nnsoft.kz/) and e-learning portal *https://k-subject.nnsoft.kz/*.The system provides the ability to manage the academic calendar, the formation of individual plans, the placement of teaching materials, the formation of examination sheets, the current testing of students in the classroom, and questioning. Data integration by means of AIS Platonus ensures the availability of educational resources and support systems for students, obtaining information intended for the operational and strategic management of the university.

Access to information posted in public databases is provided without mandatory authorization. Access to information posted in closed databases is carried out for lawful purposes by officials who have access to information processing, after passing mandatory authorization, within the framework necessary to perform specific job duties.

The information and feedback system is implemented through the work of collegiate bodies, scheduled meetings of the rector with the staff, students, reception of the rector on personal and official issues; questions and answers on the rector's blog; curatorial hours; official web portal; information, hinged stands; sociological polls.

The university uses the practice of personal meetings of the rector with participants in the educational process: students, teaching staff, which is confirmed by interviews with target groups.

The management of the EP demonstrated the existence of a reporting system that reflects the activities within the framework of the EP, including an assessment of their

effectiveness in terms of EMW, RW, and ESW.

EEC experts were shown the procedure for collecting, processing, storing and using personal data of students and teaching staff of the university (Regulations on the protection of personal data of employees of the NSEI "Kazakhstan University of Innovative and Telecommunication Systems"), as well as the availability of communication mechanisms with students, employees and other interested parties, including conflict resolution.

The university organized information support for scientific research through access to Kazakhstani and foreign electronic resources. The electronic library has been presented in the Platonus automated information system and in the Republican Interuniversity Electronic Library (RIEL) since its inception. RIEL unites electronic, educational and scientific resources of universities of Kazakhstan and works within the framework of the Association of Universities of the Republic of Kazakhstan.

Analytical part

The management of the university and the management of the EP did not demonstrate the presence of a systematic use of the processed, adequate information to improve the internal quality assurance system. The internal quality assurance system of the EP at the university is based on the fundamental documents of the EMC and management decisions, however, their successful functioning and effective management are not observed everywhere. The management of the university needs to pay attention to the close relationship in the processes: design - development - monitoring - improvement. EEC experts observe the design and development, but the issues of monitoring and improving processes remain unresolved.

Teaching staff, students, employers are involved in the processes of collecting and analyzing information through questionnaires and interviews. The responsible department forms questionnaires, assigns them to a group of respondents (students, teachers, employees). Respondents are surveyed twice a year at the end of the semester. The results of the survey are considered at the meetings of the departments. However, the EEC experts were not shown further steps in the survey procedure. Corrective action plans, reports on their implementation are not presented, the system of informing respondents about the implementation of corrective and preventive action plans is not demonstrated.

The monitoring of the implementation of the EP is carried out by analyzing and evaluating the quality of the performance of educational services (external and internal audit), conducting questionnaires and surveys of students and representatives of practice bases. Ensuring the quality of the implementation of the EP is achieved on the basis of internal regulatory documentation: "Academic Policy", "Quality Policy", documented procedures for conducting internal audits, etc. However, it should be noted that there is a lack of action on the part of the university management and the management of the EP to determine the effectiveness and efficiency implementation of the EP.

The collection, monitoring, analysis, exchange of current information, the formation of statistical and reference reporting on the contingent of students in the context of specialties and forms of education, the formation of orders on the movement of the contingent of students is carried out by the registration department. The information collected and analyzed by the university within the framework of the EP takes into account the level of academic performance, student achievements and expulsion (annual statistical reports in the Ministry of Education and Science of the Republic of Kazakhstan), student satisfaction with the implementation of the EP and the quality of education at the university (student survey), employment and career growth of graduates (reports of the career center and employment). However, EEC experts note the lack of targeted actions on the part of the university management and the management of the EP on the analysis of key performance indicators (KPI of teaching staff).

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":
1. By the beginning of the 2023-2024 academic year, the management of the university needs to determine the responsibility of the structural unit or staff unit for the developed model of the quality management system of the university, which will transfer job responsibilities for the successful functioning and improvement of the internal quality assurance system for each implemented process of the university (educational, methodological, research, innovative development, financial, social and educational, etc.), including quality assurance monitoring, decision-making based on the analyzes, development supervision and implementation of corrective and preventive actions.
2. Starting from the 2023-2024 academic year, the responsible structural unit should keep a record of the identified shortcomings in the process of conducting various types of sociological surveys, questionnaires and other types of feedback from consumers of educational services, starting with the preparation of plans for corrective and preventive actions, ending with the preparation of reports on their implementation and placement of information on the work done with the identified shortcomings for the public in the public domain.
3. By the beginning of the 2023-2024 academic year, the management of the university, together with the management of all EP of the university and interested parties, in particular with employers and graduates, determine the criteria and systematize the assessment of the effectiveness and efficiency of the EP.
4. To the management of the university, until the beginning of the 2023-2024 academic year, determine the timing and complete the implementation of the KPI system for collecting and analyzing information on the effectiveness of the teaching staff and structural divisions of the university, updating and finalizing all the provisions relating to KPI.

EEC conclusions:
According to the "Information Management and Reporting" standard, 17 criteria are disclosed, of which 14 positions have a satisfactory position, 3 positions require improvement.

6.3. Standard "Development and approval of the educational program"

✓ *The OE shall define and document the procedures for the development of EP and their approval at the institutional level.*
✓ *The management of the EP must ensure that the content of the EP complies with the established goals, including the intended learning outcomes.*
✓ *The management of the EP must demonstrate the existence of mechanisms for reviewing the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.*
✓ *The management of the EP should ensure the availability of developed models of the EP graduate that describe the learning outcomes and personal qualities.*
✓ *The management of the EP must demonstrate the conduct of external reviews of the content of the EP and the planned results of its implementation.*
✓ *The qualification awarded upon completion of the EP must be clearly defined and correspond to a certain level of the NSC and QF-EHEA.*
✓ *The management of the EP should determine the influence of disciplines and professional practices on the formation of learning outcomes.*
✓ *An important factor is the possibility of preparing students for professional certification.*
✓ *The management of the EP must provide evidence of the participation of students, teaching staff and other interested parties in the development of the EP, ensuring its quality.*
✓ *The management of the EP should ensure that the content of the academic disciplines and the*

planned results correspond to the level of education (bachelor's, master's, doctoral studies).
  ✓ *The structure of the EP should provide for various types of activities that ensure the achievement of the planned learning outcomes by students.*
  ✓ *An important factor is the correspondence between the content of the EP and the learning outcomes of the EP implemented by organizations of higher and (or) postgraduate education in the EHEA.*

Evidence

EP 4 clusters are registered in the Register of EP RK. For the implementation of the EP, on the basis of the State General Educational Standard of the Ministry of Education and Science of the Republic of Kazakhstan, the standard curriculum and standard curricula, all educational documents are developed, including the WC EMC, methodological recommendations, etc. When compiling the EP, the authors are guided by the modular principle, which reflects key competencies.

The university has developed a VND necessary for the design, implementation and monitoring of the implementation of the EP (http://kazuits.edu.kz/ru/4562/uchebno-metodicheskaya-rabota/dokumenty-po-umr):
  – Academic policy of the university.
  – Regulations on the commission for ensuring the quality of education.
  – Regulations on the rules for the transfer, expulsion and restoration of students.
  – Regulations on the internal rating system for assessing the activities of teaching staff.
  – Regulations on the distribution of the teaching load of teaching staff.
  – The position of the education quality department.
  – Instructions for organizing the educational process.
  – Regulations on the master's thesis.
  – Qualification characteristics of university positions.
  – Rules for the competitive replacement of positions.
  – Regulations on the academic committee.
  – Regulations on anti-plagiarism.
  – Personnel policy of KazUITS.
  – Competence model of the teacher.
  – Quality policy.
  – Regulations on academic mobility of students and teaching staff.
  – Regulations on the Department of Academic Affairs.
  – Regulations on the organization of dual training.
  – Regulations on the magistracy.
  – Regulations on the Center for Distance Educational Technologies.
  – Regulations on the development of teaching materials and syllabuses.
  – Regulations on the office-registrar.
  – Regulations on the Student Service Center.
  – Regulations on monitoring the quality of education.
  – Rules for conducting ongoing monitoring of progress.
  – Rules for the registration of students for disciplines and teachers.

Objectives and learning outcomes for EP 4 cluster, as well as Models of EP graduates are developed by academic committees, considered jointly with teaching staff of departments and are agreed with employers: Bisenov M.S. - Production Director for the practice of LLP "Ural agroremmash", Kuanov E. - Head of the Department of Ecology of the WKR.

EEC experts note the current content of the EP disciplines4 clusters, which was developed taking into account scientific directions and examples of the introduction of modern technologies for the implementation of processes, taking into account environmental components.

The teaching staff load is planned in accordance with the approved curricula and the

"Time Standards". On average, the annual workload per teacher is 680 hours. The teaching staff introduces elements of DET into the educational process: this is the use of online learning using AIS Platonus, ZOOM platforms, Webex, Google Meet, Microsoft Teams, WhatsApp messengers, Instagram, telegrams, social networks.

The results of the survey of teaching staff showed that they were satisfied with:

- the needs of the teaching staff for the content of the educational program - 100%;

- paying appropriate attention by the management of the educational institution to the content of the educational program - 100%;

- compliance of students' knowledge obtained at this university with the realities of the requirements of the modern labor market - 100%;

- the formation of educational programs for the organization of education for students with the ability and skills to analyze situations and make forecasts - 100%;

Students assessed how much they agree that the material being taught is relevant: 61.4% - fully agree, 28.1% - agree.

Analytical part

According to the developed EP, which provides for the possibility of building an individual educational trajectory, taking into account the personal needs and capabilities of students, there are models of graduates that describe the principles of ensuring the competitiveness of a specialist; qualification characteristics of the graduate; requirements for the development and conditions for the implementation of the main educational training program by levels; requirements for the graduate of the specialty; competence of a university graduate in the field of study.

EEC experts observe the implementation of targeted actions on the part of the management of EP 6B05212 "Ecology", 6B11221 "Life Safety and Environmental Protection" to position the program in the educational market, both within the Republic of Kazakhstan and abroad. Attention is paid to the design of EP 4 of the cluster in such a way that its internal content has its own uniqueness and difference from similar MEP implemented in the Republic of Kazakhstan.

In addition, the EEC notes the introduction of a more active practice of implementing dual training, which, at a meeting with the EEC, was also noted by groups of students, graduates, employers, and heads of practice bases.

Accredited the department has excellent potential to carry out work in the field of providing students with additional professional competencies that will enable students to be more in demand and competitive after graduation due to various qualifications obtained during their studies, conducting professional certifications of students, developing and implementing programs for assigning microqualifications to students, etc. Thus, students of EP 4 of the cluster have the opportunity to study at the ANDAS training center. The teaching staff of the department is working on the preparation of massive online courses. However, the internal work of developing massive open online courses should also not work only in one direction. It is also necessary to involve your students in studying external courses from open platforms to develop their professional skills.

The current direction for the regulation of all processes, for the introduction of various international standards in all areas of activity, makes it possible for the management of the EP to work in terms of developing cooperation with partner universities both within the Republic of Kazakhstan and abroad in the development of joint educational programs, the development of double diplomas in its direction, which is currently not observed in the EP 4 cluster.

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and

environmental protection'':

1. The guidelines of the EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" need to annually analyze the content of educational programs for the harmonization of modules with the EP of foreign and Kazakh partner universities, to include a section in the development plans of the EP corresponding to the Development Strategy of the university until 2025 for the implementation of double-diploma EP, JEP, with the development of a roadmap, and begin its implementation by 2025.

2. By 2024, the university management needs to develop a mechanism for recognizing the results of non-formal learning and start implementing it, informing all participants in the educational process about the possibilities of recognition.

EEC conclusions:

According to the standard "Development and approval of educational programs", 12 criteria are disclosed, of which all 12 criteria are satisfactory.

6.4. Standard "Continuous monitoring and periodic evaluation of educational programs"

✓ *The OE should determine the mechanisms for monitoring and periodically evaluating the EP to ensure the achievement of the goal and meeting the needs of students, society, and show the focus of the mechanisms on the continuous improvement of the EP.*
  ✓ *Monitoring and periodic evaluation of the EP should include:*
  • *the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline taught;*
  • *changes in the needs of society and the professional environment;*
  • *workload, performance and graduation of students;*
  • *the effectiveness of student assessment procedures;*
  • *expectations, needs and satisfaction of students with EP training;*
  • *educational environment and support services, and their compliance with the objectives of the EP.*
  ✓ *The management of the EP must demonstrate a systematic approach in monitoring and periodically assessing the quality of the EP.*
  ✓ *The OE, the management of the EP should determine a mechanism for informing all interested parties about any planned or taken actions in relation to the EP.*
  ✓ *All changes made to the EP must be published*

Evidence

The processes of continuous monitoring and periodic evaluation of programs are regulated by the "Regulations on monitoring the quality of education".

The satisfaction of the participants in the educational process is revealed in the course of regular surveys. The results of the survey are discussed at meetings of collegial bodies.

The content of the curricula is constantly reviewed to ensure the relevance of the subjects taught.

Analysis, revision and amendments to the curricula of the EP disciplines, practice programs, intermediate control and certification were carried out at the meetings of the department in accordance with the requirements:

− standard curriculum of compulsory discipline;

− professional orientation of elective disciplines in the cycle of basic and profile disciplines;

− observance of the relationship of the discipline of choice in the cycle of the studied basic and profile disciplines with the disciplines of other cycles;

− lack of repetition in the content of the discipline;

– to the content of IWST and IWS.

Monitoring of the IC of students shows that the procedure for recording, issuing an IC is observed: all components of the curriculum defined for the current course of the student for the academic year, the name of the discipline, the code of the discipline, the number of credits, the type of classes, the full name of the teacher, the number of hours and form of control.

The content of the programs is being reviewed to ensure the relevance of the disciplines taught. When revising the EP, the opinions of employers and students are taken into account. The disciplines included in the CED reflect the current trends in the area under study and are compiled taking into account the logical sequence of their study. CED includes disciplines aimed at developing a creative personality and forming the professional competencies of students.

The systems for recording the progress and movement of students are ESUVO and Platonus, containing the corresponding modules.

Assessment of educational achievements of students is carried out in accordance with the assessment scale adopted at the university. The regulation of the process is carried out by the provision "Academic policy".

Satisfaction monitoring based on the results of the practice is carried out in two directions: assessment of the satisfaction of the leaders of the practice from the production with the quality of the training of students and a survey of students at the stage of defending reports on the practice and during the final conferences.

All activities to control the quality of the educational process, carried out at different levels, are recorded in the form of records, acts, certificates, reports, etc., and are discussed at meetings of departments, educational and methodological commissions, EMC and the University Academic Council.

The workload, academic performance and graduation of students comply with the regulatory requirements and state educational standards.

Based on the data of continuous monitoring, a report on the results of the sessions is analyzed and generated. This issue is periodically considered at meetings of departments, EMC, the Academic Council of the university to take the necessary measures to improve academic performance and achieve the desired results.

A student who does not agree with the results of the examination assessment has the right to appeal. In some cases (due to illness, family circumstances, other objective reasons), the director of the institute may allow the student to take an individual examination session.

Analytical part

Monitoring and periodic evaluation of the accredited EP includes various activities: expertise at the level of the department, university; analysis of labor market trends, requirements for graduates by employers; stakeholder surveys, etc. However, the management of the EP did not demonstrate measures for monitoring and periodically evaluating the EP, analyzing the results of monitoring and targeted actions to eliminate comments based on the results of the analysis in terms of the effectiveness of student assessment procedures.

Informing about changes in the EP is carried out at meetings of departments, educational and methodological councils, the Academic Council of the university. Also, interested parties are informed about upcoming meetings on the consideration of educational programs by means of communication (mobile communication/e-mail/WhatsApp). The departments have accounts in social networks (Instagram, Facebook), through which they inform all interested parties about the events held at the departments and at the university. *However, the EEC Commission notes* the absence of a mechanism for informing all interested parties about any planned or undertaken actions in relation to the accredited study program on the website of the university. University *does not publish* information *about changes* included in the EP. Department tabs on the official website of the university are out of date.

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":

1. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection", by the beginning of the 2023-2024 academic year, in addition to test funds, add alternative funds for evaluation funds to the list.

2. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" on the website of the university, in the tab of the department, it is necessary to post annually detailed information about the internal content of the IEP and publish all changes related to the IEP of the university for interested parties in the public domain .

EEC conclusions:

According to the standard "Continuous monitoring and periodic evaluation of educational programs", 10 criteria are disclosed, of which: 9 - have a satisfactory position, 1 - require improvement.

6.5. Standard "Student-Centered Learning, Teaching and Assessment"

> ✓ The management of the EP should ensure respect and attention to the various groups of students and their needs, provide them with flexible learning paths.
> ✓ The management of the EP should provide for the use of various forms and methods of teaching and learning.
> ✓ An important factor is the presence of own research in the field of teaching methods of academic disciplines of the EP.
> ✓ The management of the EP should demonstrate the existence of feedback mechanisms on the use of various teaching methods and the assessment of learning outcomes.
> ✓ The management of the EP should demonstrate the existence of mechanisms to support the autonomy of students with simultaneous guidance and assistance from the teacher.
> ✓ The management of the EP must demonstrate the existence of a procedure for responding to complaints from students.
> ✓ The OE must ensure the consistency, transparency and objectivity of the mechanism for evaluating learning outcomes for each EP, including appeal.
> ✓ The OE must ensure that the procedures for assessing the learning outcomes of students of the EP correspond to the planned results and goals of the program, publishing the criteria and assessment methods in advance.
> ✓ The OE should define the mechanisms for ensuring the achievement of learning outcomes by each EP graduate and ensure the completeness of their formation.
> ✓ Assessors should be proficient in modern methods of evaluating learning outcomes and regularly improve their skills in this area.

Evidence

At the University, student-centered learning is implemented by fulfilling the following provisions:

1) The student, with the help of an advisor, forms his individual curriculum for each academic period, using a standard curriculum and CED. The choice of an individual educational trajectory is carried out on the basis of the IEP, in which, in addition to general educational, basic disciplines of the compulsory component, elective courses and practices are included, which are aimed at ensuring professional competencies.

2) The student has the right to study on academic mobility in other universities both in the Republic of Kazakhstan and abroad, with subsequent transfer of the disciplines studied at the university and their inclusion in the transcript.

3) A student, being in another university as part of academic mobility, in the absence of the opportunity to study some disciplines there, has the right to study these disciplines using distance learning technologies.

4) To meet the need for additional or repeated study of disciplines, the university annually holds a summer semester.

During the academic year, the hours of the IWST are fixed in the schedule, the departments have schedules for consultations of the teaching staff, additional information is provided in syllabuses by discipline, the student can also contact the teacher by e-mail.

Training is combined with professional practice, branches of departments in production are used to conduct classes.

Ensuring equal opportunities for students is achieved by the development of educational, methodological, organizational, methodological and information support for the educational process in two languages of instruction: Kazakh and Russian.

For students to choose an individual educational trajectory, the necessary conditions are created, which include:

−the ability to choose the language of instruction, elective disciplines, teachers;

−the possibility of choosing a discipline;

−formation of an individual curriculum;

−organization of an additional semester for repeated or additional study of disciplines;

−familiarization with the personal results of educational achievements;

−the possibility of studying within the framework of academic mobility;

−the ability to use the educational portal;

−the possibility of using the electronic library of the university, the Republican interuniversity electronic library;

−for conducting laboratory and practical work, students can use specialized laboratories and conditions for obtaining practical skills at the branches of the departments.

The university monitors the effectiveness of the educational services provided by systematically conducting student surveys using various standardized questionnaires.

The university has a system for handling student complaints. The main methods of periodic evaluation of educational activities include questionnaires, conversations and surveys; internal audits; analysis of the rector's blog, "box of complaints and suggestions"; media content analysis, etc.

In the learning process, a criterion generally accepted in world practice is used on a scale of letter and number designations, which reflects the mechanism for implementing a credit transfer based on the ECTS credit system. In accordance with this scale, grades are given in oral and written exams.

When implementing a student-centered approach in the process of feedback, the wishes and needs of students are taken into account and decisions are made that are taken into account when compiling the EP. Feedback with the student is carried out through the definition of an individual login and password, which creates the possibility of forming a two-way connection between the subjects of the educational process. Access to the necessary educational materials can also be obtained through the "Educational Portal" of the university website.

Analytical part

In the course of the accreditation procedure, attendance at classes, conversations with teaching staff and students, EEC experts came to the conclusion that the management of the EP is carrying out purposeful work to ensure the teaching of MEP courses based on modern achievements in world science and practice in the field of training. During the visit, the use of various teaching methods (the use of laboratory equipment) was observed to ensure the achievement of the objectives of the EP, including competencies.

However, the leadership of the OP did not demonstrate work to improve the skills of teaching staff implementing EP 4 of the cluster in the field of studying modern methods for

assessing learning outcomes. Accordingly, there is no demonstration of a feedback system on the use of various teaching methods and the assessment of learning outcomes.

With sufficiently good experience in both production and scientific and pedagogical activities of teaching staff implementing the EP 4 clusters, there is the presence of their own research in the field of teaching methods of EP disciplines.

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":
1. Leadership of the EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" in the development plans of the EP include measures to improve the skills of the teaching staff in the field of applying modern methods for assessing the achievements of students, and begin their implementation, starting from 2023-2024 academic year. of the year.

EEC conclusions:
According to the standard "Cstudent-centered learning, teaching and assessment" disclosed 10 criteria, of which: 10 criteria are satisfactory.

6.6. Standard "Students"

> ✓ The OE must demonstrate the existence of a policy for the formation of a contingent of students in the context of the EP, ensure transparency and publicity of its procedures governing the life cycle of students (from admission to completion).
> ✓ The management of the EP should determine the procedure for the formation of a contingent of students based on:
> - minimum requirements for applicants;
> - the maximum size of the group when conducting seminars, practical, laboratory and studio classes;
> - predicting the number of government grants;
> - analysis of available material, technical, information resources, human resources;
> - analysis of potential social conditions for students, incl. provision of places in the hostel.
> ✓ The management of the EP must demonstrate its readiness to conduct special adaptation and support programs for newly enrolled and foreign students.
> ✓ The OE must demonstrate the compliance of its actions with the Lisbon Recognition Convention, the existence of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education.
> ✓ The OE should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications.
> ✓ The OE should provide an opportunity for external and internal mobility of students of the EP, as well as readiness to assist them in obtaining external grants for training.
> ✓ The management of the EP must demonstrate readiness to provide students with internship places, promote the employment of graduates, and maintain contact with them.
> ✓ The OE should provide for the possibility of providing graduates of the EP with documents confirming the qualifications received, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.

Evidence
When forming a contingent of students, the University is guided by the current legislation, the regulatory framework, and the Standard Rules for Admission to Studies. The policy of forming a contingent of students at the University is to admit people to the number of

students who are best prepared for studying at a university, who have scored the required number of points according to the results of the UNT graduates of general secondary schools, UNT graduates of secondary specialized educational institutions on a paid basis, as well as specialists with diplomas to receive second HE based on the interview.

The draft plan for the admission of students for the next academic year is considered and discussed at meetings of departments, EMC, AC and approved by order of the Rector of the University. Career guidance is of a planned nature and includes informing students of schools and colleges about the EP of the University, its competitive advantages, and the demand for graduates in the labor market; holding advertising campaigns within the framework of Open Days, Career Days, field meetings with students from schools and colleges in the region; opening branches of departments at enterprises; holding subject Olympiads, conferences and excursions for schoolchildren at the University; placement of information in the media; timely correction of Internet information about the University on the official website of the University (http://kazuits.edu.kz).

On the website of the university (section "Applicants", http://kazuits.edu.kz/ru/1266) posted information materials on admission to the university: standard rules, brief information about the list of documents, admission deadlines for all stages: testing, exams in specialized disciplines, competition for the award of state educational grants, enrollment.

The contingent of students in the context of educational programs is shown in Table 2:

Table 2 - The contingent of students of accredited EP 4 cluster

Academic year	Form of study	Total students
EP 6V05212 "Ecology"		
2021-2022	full-time	20
	full-time abbreviated	31
2022-2023	full-time	34
	full-time abbreviated	14
EP 6V11221 "Life safety and environmental protection"		
2021-2022	full-time	88
	full-time abbreviated	156
2022-2023	full-time	164
	full-time abbreviated	204

Diagram 1 - Information about the contingent of students of EP 6B05212 "Ecology"

Diagram 2 - Information about the contingent of students of EP 6B11221 "Life safety and environmental protection"".
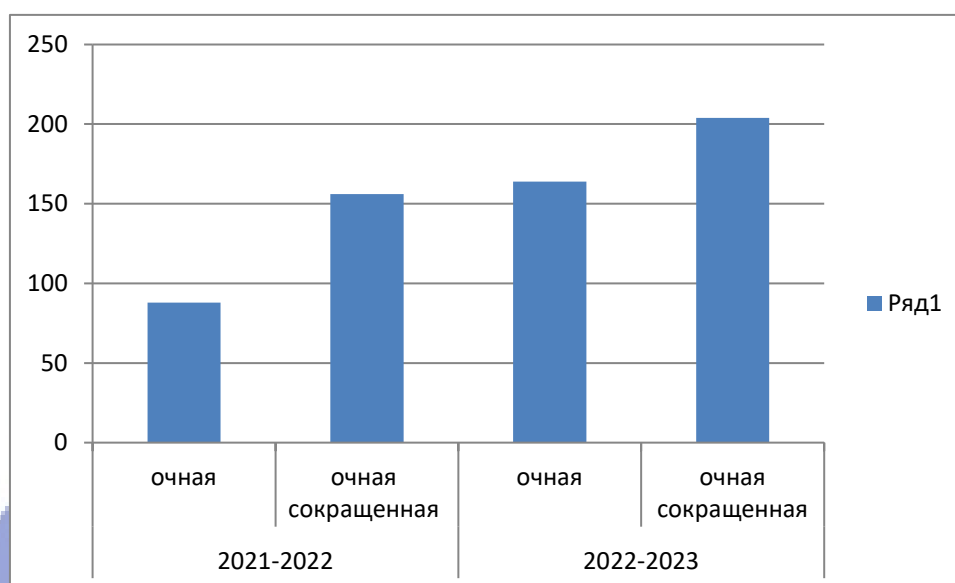
Analysis of the contingent of accredited EP 4 cluster shows the stability of the set.

In addition, the universitycarries out procedures for the admission of students from other universities, recognition and offset of loans mastered as a result of training. The department is working on internal and external academic mobility.

Academic mobility of students is one of the important areas of international activity. The basis for the credit transfer of KazUITS is the Regulation on the Credit Transfer System for ECTS. To develop the interaction of internal and external mobility, memorandums were concluded and agreements were drawn up. The University has concluded agreements with organizations, enterprises, institutions identified as part of academic mobility and as bases of practice for various periods (from one to five years), covering all accredited EP, but mainly with universities of the Russian Federation and Kazakhstan.

In the 2020-2021 academic year, students of 2-3 courses in EP 6B05212 - "Ecology" - Sailauov Shyngys, in EP 6B11221 - "Life Safety and Environmental Protection" Kurzhakov Ibraim and Telmanov Timur, according to the agreement on passing external outgoing mobility, were trained in the Moscow International Academy.

In the 2021-2022 academic year and in the 2022-2023 academic year, 3rd year students in EP 6B05212 - "Ecology" Sailauov Shyngys, Zotov Roman, Zholdasova Zhadyra, Aytkalieva Zulfiya, according to the agreement on the passage of internal outgoing mobility, were trained at Kokshetau University named after A. Myrzakhmetov .

The recalculation of disbursed loans is carried out on the basis of a comparison of the EP, the content of the list of mastered disciplines, their volumes, acquired knowledge, skills, abilities and competencies, as well as learning outcomes. For students with academic debts in disciplines, the difference in curricula, additional training is organized during the summer trimester (when transferring from university to university, from specialty to specialty, from one form of education to another) (http://kazuits.edu.kz/ru/4562/uchebno-metodicheskaya-rabota/dokumenty-po-umr).

At the university, the issues of adaptation and support of foreign students are regulated" The program for the adaptation of foreign students to the conditions and requirements of the educational process, where the process of adaptation of foreign students is considered as a multifactorial process of entry, development and formation of the personality of a foreign student into the educational space of the university.

The quick adaptation of students in the educational environment of the university is

facilitated by the student's guidebook, developed in accordance with the requirements of the credit technology of education in KazUITS and containing systematized brief information about the internal regulations of the university, organizational and procedural norms.

Advisors provide individual assistance and advice to students on the educational process. Students of EP 6B06212 "Ecology" and 6B11221 "Life safety and environmental protection" were given grants for training from the founder of KazUITS.

A student who has fully complied with the requirements of the curriculum, who has scored the appropriate number of credits and the established GPA score, is transferred to the next course by order of the rector of KazUITS. If the student's GPA score is below the established transfer score, then he is enrolled for re-study of disciplines in the summer semester.

Student self-government at the university is a special form of initiative, independent, responsible social activity of students, aimed at solving important issues of the life of student youth, developing their social activity. The university administration strongly supports student self-government (*http://kazuits.edu.kz/ru/025896*).

Students of accredited specialties are part of the university activists.

Within the framework of the university, the employment of graduates is handled by the Center for Alumni Employment and Professional Practice.

Analytical part

EEC experts note a good opportunity introduction and implementation at the university of the procedure for recognizing learning outcomes obtained through non-formal education, since today teaching various courses in all areas through various online platforms, accredited training centers, etc. is gaining popularity.

Pon the results of interviews with students, EEC experts note the need to expand the geography of countries of international cooperation within the framework of outgoing (internal and external) academic mobility and finding ways and means of financing to help students, including on a contractual basis, to participate in these programs. Also, the management of the university and the management of the EP should pay special attention to the criterion of incoming (external and internal) academic mobility, since the university has conditions for accepting both foreign students and students of the Republic of Kazakhstan for study.

EEC experts note a good opportunity at the university it is more purposeful to develop an extracurricular corporate student culture. There is a very promising and active head of the university (Vice-Rector for EW) who is a graduate of this university and is not indifferent to its development, there is a good set of students, in the interview the students confirmed their desire to attend various clubs, sports sections, etc., if certain conditions. Accordingly, the university needs to develop more detailed programs to stimulate students to self-education and development outside the main program (extracurricular activities, such as interest clubs, circles, coworking centers, etc.), including with the conditions of financial and material incentives. To support gifted and talented students at the university, the "Regulations on working with gifted students" have been developed.

Maintaining contact with alumni is organized through the activities of the university Alumni Association, the formation of a database of graduates, the annual alumni forum (http://kazuits.edu.kz/ru/123636/struktura). However, pabout the results of interviewing graduates, EEC experts note that none of the graduates who participated is a member of the Association. The format of the activities of the Alumni Association is informal.

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and

environmental protection'':

1. The management of the university should ensure the development of a provision on the recognition of learning outcomes obtained through non-formal education, post it on the official website of the university by 2024 and begin its implementation.

2. In accordance with the University Development Program, the leadership of the accredited EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" include indicative indicators in the plans for the development of educational programs, in the work plan of the department and start from the 2023-2024 academic year the implementation of the item: "attracting students in the program "incoming and outgoing (external, internal) academic mobility" and "expanding the geography of countries of international cooperation within the framework of academic mobility".

3. The leadership of EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" to develop and approve a program of professional self-education for students by August 31, 2023 and begin implementation from 2023-2024 academic year. of the year.

4. To ensure transparency, the management of the university should update the content of the "Regulations on working with gifted students" with the inclusion of criteria for financial incentives for gifted students until 2024 and post it on the official website of the university.

5. The university management should take measures to improve the performance of the Alumni Association, namely, draw up a work plan for the Alumni Association, begin its implementation, while informing university graduates about the activities of the association through all possible informative sources from the 2023-2024 academic year.

EEC conclusions:

According to the "Students" standard, 12 criteria are disclosed, of which: all 12 criteria have a satisfactory position.

6.7. Standard "Teaching Staff"

> ✓ *The OE must have an objective and transparent personnel policy, including in the context of the EP, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.*
> ✓ *The OE must demonstrate the compliance of the staff potential of the teaching staff with the specifics of the EP.*
> ✓ *The management of the EP must demonstrate awareness of responsibility for its employees and provide them with favorable working conditions*
> ✓ *The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning. 7.2.5 The OE must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the OE, and other strategic documents.*
> ✓ *The OE should provide opportunities for career growth and professional development of the teaching staff of the EP.*
> ✓ *The management of the EP must demonstrate readiness to involve practitioners in the relevant sectors of the economy in teaching.*
> ✓ *The OE must demonstrate the motivation for the professional and personal development of EP teachers, including encouragement for the integration of scientific activity and education, the use of innovative teaching methods.*
> ✓ *An important factor is the willingness to develop academic mobility within the EP, to attract the best foreign and domestic teachers.*

Evidence

The personnel policy implements the main provisions in the field of hiring personnel in all structural divisions of the Kazakhstan University of Innovative and Telecommunication Systems. The personnel policy is reflected in the Charter of KazUITS, the Strategic Development Plan of KazUITS for 2022-2025. The regulation on personnel policy determines

the main goals, objectives and mechanisms for developing the human resources potential of the University for the coming period, establishes the rules for the selection, training and development of personnel.

Transparency of personnel procedures is ensured by holding a competition for filling positions of teaching staff and is carried out on the basis of the university's personnel policy, regulated by the Labor Legislation of the Republic of Kazakhstan. A competition commission is being created to determine the forms, procedures, and deadlines for holding a competition for filling vacancies. The result of the work of the Commission is the conclusion of employment contracts with applicants who have passed the competitive selection.

At the department, according to the accredited EP, he is engaged in educational activities: 2 - Doctors of Science, 6 - Candidates of Sciences, 1 - Doctor of PhD and - 15 Masters.

Doctors and Candidates of Sciences, Doctors of PhD in Bachelor's Programs: Doctor of Technical Sciences, Professor Zaltsman M.D., Doctor of Technical Sciences, Professor Bayakhov A.N., Ph.D. Sataeva L.M., PhD, Associate Professor Saurambayeva B.N., PhD, Associate Professor Bersagurov K.A., PhD, Associate Professor Imankul S .I., Candidate of Agricultural Sciences, Associate Professor Sadykov R.S., Ph.D., Senior Lecturer Dikhanov E.T., PhD Tynybayeva K.M.

Table 3 - Qualitative indicators of teaching staff for cluster 4

Index	Academic year (2022-2023)	
	Life safety and environmental protection	Ecology
Total teaching staff (persons)	32	32
Incl. full-time teaching staff	26	31
Doctors of Science	2	1
Candidates of Sciences	14	16
PhD	2	2
with an academic master's degree	7	11
senior lecturers	-	1
teaching assistants	-	-
Degree index, (%)	61.29	68.75

Specialists with long production experience work at the department (Imankul S.I., Bersagurov K.A., Mazhitova N.B., Berdalieva M.B. Tugelbayeva A.S. etc.).

The department provides opportunities for career growth and professional development of the teaching staff of the EP. At the department, the formation of scientific and pedagogical personnel is carried out by preparing masters, candidates of sciences and doctors of philosophy in their specialty. For example, senior lecturers of the department "Ecology and life safety" Nurgalieva B.M., Saukenova M.M. graduated from graduate school in the field of study 19.06.01 - Industrial ecology and biotechnology and are currently preparing to defend their Ph.D. thesis.

The assessment of the competence of teachers to establish compliance with their position, as well as the improvement of the system of advanced training, retraining and certification of pedagogical and scientific personnel is provided by the Educational and Methodological Council of KazUITS (Source: *http://kazuits.edu.kz/ru/4562/uchebno-metodicheskaya-rabota/dokumenty-po-umr*). The result of the report on work can be either leaving the employee in his previous position, or a recommendation for promotion, or termination of the employment contract at the initiative of the employer.

Professional development of teaching staff involves the study of advanced training

programs at least once every 3 years. Upon completion of advanced training, documents confirming the training (certificates) are submitted to the department, and a report on the passage of the CAT, including the courses held at KazUITS, is heard at the Academic Council.

The teachers of the department Saltsman M.D., Sadykov R.S., Imankul S.I., Kazhimova A.Zh., Dikhanov E.T., Tugelbayeva A.S., Bersagurov K.A., Oryngalieva N.S. were trained under the program "Methods of teaching disciplines in the field of hygiene and labor protection at work with the use of remote technologies" in the amount of 72 hours at the ZIAT training center.

Teachers of the department Maydanova M.Kh., Saurambaev B.N., Tynybaeva K.M., Nurgalieva B.M., Gabdullina A.E., Sataeva L.M., Baigalieva L.E., Shamshina G.Zh. were trained under the program "Methods of teaching disciplines in the direction of training" Environment "with the use of distance technologies in the amount of 72 hours at the training center" ZIAT ".

An important factor in the quality of the composition of the teaching staff to improve the effectiveness of teaching students in connection with the production sector is the involvement of specialists with experience in the relevant industry to teach at the university. In this area, high-level specialists of the production sector are involved (Director of the State Enterprise on the REM "Regional Center for the Prevention and Control of AIDS" of the Health Department of the Akimat of the West Kazakhstan Region - Bersagurov K.A., Director of the RSU "Department of Sanitary and Epidemiological Control of the West Kazakhstan Region" - Imankul S.I., JSC "Intergas Central Asia" UMG branch, Uralsk, Chizhinskoye LPU - Mazhitova N.B., KazREC - Berdalieva M.B., etc.).

The teaching staff of the EP takes an active part in the life of society. The teaching staff are involved in various events of the city and regional scale, the Amanat party, and public organizations.

Analytical part

Having studied the staff, the commission of the EEC notes that the university provides an opportunity for career growth and professional development of teaching staff, including young teachers. Representatives from the university management work at the university, who have gone through all the stages of "professional growth", starting from the bench of the lyceum of the university - college students - students of the university - magistracy - teaching and reaching the level of the university management, for example, Vice-Rector for ECW - Khamzin Z.U ., Director of the information center - Ofitserov S.O.

The department provides opportunities not only for career, but also for professional development of the teaching staff of the EP. At the department, the formation of scientific and pedagogical personnel is carried out by training masters of technical sciences and doctors of philosophy in their specialty through training at other universities.

The EEC Commission notes that the university and the rather young teaching staff of accredited EP have excellent potential for the development of professional growth in the field of raising degrees. The management of the university and the responsible structural unit need to develop a roadmap for opening a master's program within the field of education of EP 4 of the cluster.

To maintain labor discipline and motivation of the teaching staff and university staff, a system of incentives is provided: bonuses, certificates and letters of thanks from management, badges, presentation of corporate awards.

Having studied the university website and based on the results of interviews with the teaching staff, it can be noted that the website contains links to MOOCs of other organizations, but their use for the educational process has not been proven. As part of the development of distance learning technologies, the faculty of the department needs to continue to develop skills in the use of information and communication technologies, the development of massive open online courses, and practice the study of professional courses on the Coursera platform.

The development of academic mobility at the university is carried out in accordance with the "Regulations on academic mobility of students and teachers of the Kazakhstan University of Innovative and Telecommunication Systems", as well as orders, instructive letters of the Ministry of Education and Science of the Republic of Kazakhstan. In order to improve the quality of education and develop academic mobility, the teaching staff concluded agreements (memorandums) with the State University "Dubna" in Moscow, the Almetyevsk State Oil Institute, FGBOU VPO "Penza State University", FGAUVO "St. Petersburg National Research University of Information Technologies, Mechanics and optics. However, the commission of the EEC notes that within the framework of accredited EP, the presence and dynamics of the development of academic mobility of teaching staff are not traced. teachers, implementing EP do not use the opportunity to exchange experience within the framework of the academic mobility program both in the universities of Kazakhstan and abroad. The fact of inviting foreign teaching staff for the implementation of profile courses accredited by EP 4 of the cluster has not been demonstrated.

EEC experts note activity Teaching staff implementing accredited EP in participation in grant programs, including international ones, as well as in publishing activity in rating journals.

Strengths / best practice for accredited EP:
- The university demonstrated the possibility of career growth and professional development of teaching staff, including young teachers, using the example of a representative from the university management.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":
1. The university management should include points for achieving the results of the introduction of innovative teaching methods, including for the development and application of massive open online courses, the results obtained in research (publication of articles in rating journals, development and participation in various grant and international programs, participation in the program "academic mobility of teaching staff", etc.).
2. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" include indicative indicators in the development plans of the EP, in the work plans of the department and implement the items: "Development of massive open online courses", "academic mobility of teaching staff (incoming / outgoing , external/internal), starting from the 2023-2024 academic year.
3. The management of the university, together with the leadership of the EP until 2024, develop a roadmap for the opening of a master's program within the field of education of the EP 4 cluster and begin its implementation.

EEC conclusions:
According to the standard "Teaching Staff and Teaching Efficiency", 10 criteria are disclosed, of which: 1 position is strong, 9 positions are satisfactory.

6.8. Standard "Educational resources and student support systems"

> ✓ The OE must guarantee a sufficient number of educational resources and student support services to ensure the achievement of the goal of the EP.
> ✓ The OE must demonstrate the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students in the context of the EP (adults, employed, foreign students, as well as students with disabilities).
> ✓ The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling.

> ✓ The EP management must demonstrate the compliance of information resources with the specifics of the EP, including:
> - technological support for students and teaching staff (for example, online learning, modeling, databases, data analysis programs);
> - library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;
> - examination of the results of research, graduation works, dissertations for plagiarism;
> - access to educational Internet resources;
> - functioning of WI-FI on the territory of the educational organization.
>
> ✓ The OE demonstrates the planning of providing the EP with educational equipment and software similar to those used in the relevant sectors of the economy.

Evidence

The University shall ensure that sufficient, accessible and appropriate educational resources and student support services are available. When distributing, planning and providing educational resources, the university takes into account the needs of various groups of students.

The University has 7 own multi-storey educational buildings: 4-storey educational building No. 1 with a total area of 1295.6 sq.m.; 10-storey educational building No. 2 with a total area of 9087 sq.m., 4-storey educational building No. 3 with a total area of 1385 sq.m., 4-storey educational building No. 4 with a total area of 1708 sq.m. , 6-storey educational building No. 5 with a total area of 1969 sq.m., 2-storey educational building No. 6 with a total area of 1214 sq.m., 4-storey educational building No. 7 with a total area of 833 sq.m. In general, the total area of all educational buildings is 23492 sq.m. Additionally, the construction of a 6-storey educational building with a sports complex with a total area of 2500 sq.m.

Training areas comply with current sanitary standards, fire safety requirements and qualification requirements for the organization of educational activities.

The buildings are equipped with Wi-Fi zones, which provide wireless access to the Internet at a speed of 100 Mb/s.

Each student during the entire period of study is provided with a network of access to the following educational information resources:
1) official website of the university;
2) science Library;
3) digital library;
4) personal account of the student;
5) world databases;
6) open sources of information on the Internet.

KazUITS provides full academic support to students, providing them with information, reference and methodological materials necessary for mastering the EP: guidebooks, ED catalogs, syllabuses, guidelines for writing term papers, theses and master's theses.

The content of information and reference and methodological materials meet the requirements of the EP, is determined by the teaching staff and considered at a meeting of the departments. The departments of organizing and monitoring the educational process, Digitalization and distance learning technologies, in accordance with the regulation on the introduction and organization of the educational process using distance learning technologies, within 2 weeks from the beginning of the academic year, educational and methodological materials, syllabuses on electronic media (flash cards) are issued or via email, whatsapp for self-study. Within 2 months from the beginning of the academic year, educational materials are uploaded to the AIS "Platonus".

All students are provided with access to the book fund of the library, which includes educational, methodological and scientific literature in Kazakh, Russian and English, as well as foreign and domestic periodicals.

The EP cluster is provided with educational literature used in the process of preparing

students for EP 6B05212 "Ecology" - the total volume is 2574 copies, of which educational, educational, methodical, scientific literature - 2290 copies (89%), electronic publications - 284 (11%), according to EP 6B11221 "Life safety and environmental protection" - the total volume is 4288 copies, of which educational, educational and methodical, scientific literature - 4047 copies (94%), electronic publications - 241 (6%). The formation of the library fund meets the established requirements. There are professional bases of practices on the profile of preparing a cluster of an educational program.

The formation of the library fund meets the established requirements. There are professional bases of practices on the profile of preparing a cluster of an educational program.

The book fund of educational and educational-methodical literature on the cycle of general educational disciplines is 75011 units; for the cycle of basic disciplines - 110425 units; scientific literature - 13534 units; scientific periodicals on the profile of implemented educational programs - 42 units.

The library is actively creating its own electronic fund. The range of materials on electronic and magnetic media is presented in the following formats: audio-video cassettes, CD-ROMs and DVDs, server databases, incl. Internet databases, electronic versions of textbooks and educational publications, syllabuses, scientific journals, collections of conferences of teaching staff and students, etc.

Management of the educational process is carried out in the AIS "Platonus", which has an integration with National Common Database.

Information, reference and methodological materials are available in the public domain, posted on the website of the university:*http://kazuits.edu.kz/*,available to users in Russian, Kazakh languages. The website of the university is focused on applicants, students, business partners of the university, and also contains all the information reflecting the activities, achievements and development prospects of the university. The editorial office of the university newspaper publishes articles - interviews with university graduates who, after graduating from the NSEI "KazUITS", are successfully growing up the career ladder. The newspaper publishes materials about students and employees of the university, actively developing innovative projects and representing them both at the state level and participating in international forums and competitions.

Using the potential of this network, students have the opportunity to complete laboratory and practical work in electronic form and provide them to teachers via the internal e-mail system, use the resources of the electronic library and use the Internet from any computer connected to the network.

The university has introduced an automated information system that allows for the comprehensive automation of learning processes. The system has a centralized database that reflects all real events and processes of the university.

Information on student progress is tracked, from certificate scores to the issuance of an extract from a diploma for all control points for each semester of study. A system of comparative analysis of grades for various parameters of the educational process has been developed in order to identify weaknesses in the educational process.

The database data is taken into account when calculating the department load, scheduling classroom classes and computer exams during the session.

The site has several categories of user pages: student page, teacher page, department page. Each user is authenticated and gets to his personal page.

Student Page *http://kazuits.edu.kz/* contains such sections as: general information about the student, student's electronic office (schedule, progress, individual plan, advisor, registrars, exam schedule) and electronic department (electronic materials on academic disciplines, teachers' schedule, curricula, individual plan for the next year, student survey). Teacher Page *http://kazuits.edu.kz/* contains general information about the teacher, a link to electronic materials, the schedule and statements of this teacher. Department page *http://kazuits.edu.kz/* consists of the following sections: information about the department, composition of the

department, schedule, curricula, workload for the current year, workload for the next year, exam schedule, summary sheets, research work, international cooperation.

Advising students on the educational process is carried out by the adviser and teachers of the department. The advisor provides tutoring assistance to students in the preparation of an individual curriculum. For students enrolled in undergraduate programs, a teacher from among the teaching staff of the department is appointed as an adviser, who conducts organizational, methodological and consulting work during the period of registration for disciplines.

To determine the teaching load of the teaching staff for the academic year, the office-registrar department organizes the registration of students for academic disciplines, according to the documented procedure for enrolling in an academic discipline, which describes the procedure and recommendations for organizing and holding events.

To advise students, there is a "Council of Curators". The student can contact the group facilitator at any time to get an answer to his question. Each group is assigned a curator. The curator of the student group is appointed by a teacher from among the teaching staff of the graduating departments. Control over the work of the curator is carried out by the head of the department, responsible for educational work at the department. The person responsible for educational work coordinates the work of curators at the department.

To transfer from course to course, a system of transfer points applies (GPA) in the context of courses for the credit system of education.

Registration for academic disciplines is carried out by collecting applications for registration of elective disciplines. With the full formation of the disciplines of the mandatory component and elective courses, an individual student curriculum is drawn up.

According to the results of the survey, 93% of students are satisfied with the level of availability of library resources, and 93% of students are satisfied with the quality of services provided in libraries and reading rooms.

Questioning of students showed positive data on the provision of educational materials in the learning process (94.8%), existing educational resources of the university (96.5%).

In addition, (90.5%) teachers sometimes experience inconvenient scheduling, (10.5%) sometimes experience an imbalance in the teaching load across semesters, (26.3%) sometimes experience overcrowding in study groups (too many students in a group) , (31.6%) are faced with a lack of interest in learning among students, (21.1%) with a lack of technical teaching aids in the classrooms.

Analytical part

EEC experts got acquainted with the equipment of the material and technical base for the implementation of accredited EP, analyzed the results of interviews and surveys of teaching staff and students, and came to the conclusions described below.

Logistics planning begins with the collection of applications from all departments of the university. Consideration of applications of divisions is carried out at the university administration, the final list and volumes of acquisition of the necessary material assets are agreed with the heads of divisions. However, conversations with teaching staff, students and other target groups showed the need to make publicly available decisions and reports on the implementation of corrective and preventive actions developed based on the analysis of the results of social surveys conducted at the university, including for satisfaction with the material and technical base university, as well as social and financially stimulating conditions for the educational and research activities of the teaching staff, university staff and students.

EEC experts got acquainted with the equipment of the material and technical base for the implementation of accredited EP and the university's infrastructure in general, as a result of which it was revealed that the MTB for the implementation of EP 4 of the cluster is sufficient (laboratory facilities, equipped classrooms for practical classes), including taking into account the activities branch of the department.

EEC experts note a good opportunity to develop additional professional competencies

(certification) for students of accredited EP. To do this, the management of the EP needs to continue measures to develop and modernize the laboratory facilities and upgrade equipment in accordance with modern trends in the development of science, to include courses in the content of the EP that allow students to undergo preliminary professional training for further certification of cluster 4 students, to conclude contracts with accredited training centers, conducting this training.

An interview of the EEC with students and graduates of the university showed the need for this category of people in the need to provide additional places for extracurricular activities, scientific, creative, to create various co-working zones, platforms for informal meetings with ICT facilities, since the very name of the university encourages that the university and all participants in the processes taking place in the university should strive for 100% digitalization.

The management of the university and the responsible structural unit need to develop a roadmap (1-2-3 years) for the preparation of target groups that are ready to apply for grant funding and meet all the requirements of the competitive documentation from the funded parties (degree, Hirsch index, knowledge of foreign languages, availability of publications in databases recommended by the authorized body, in databases of peer-reviewed foreign journals, etc.). To do this, it is necessary to determine the main priority research areas of the university that correlate with the current areas of competitions for awarding grants, analyze the available teaching staff resources and equipment for scientific work, analyze the necessary targeted financial investments in target groups (payment for articles in journals, purchase of equipment, advanced training of teaching staff in the missing areas of directions, invitation of foreign and Kazakh scientists to the target groups, etc.). Due to the purposeful investment and the work done, the university will only have advantages (competitive target groups for participation in competitions for grant funding, increased ratings in various accrediting agencies, increased QS rating, increased status of the university as having excellent research potential, etc. .).

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":
1. By 2024, the university management needs to conduct an unscheduled, detailed, anonymous survey of students and teaching staff, regarding satisfaction with the provision of conditions for educational and other processes, analyze the results obtained, discuss it at the Academic Council of the university, in order to identify problematic points , development of a plan for corrective and preventive actions, with further implementation and publication of information on the work done for teaching staff and students.
2. By the 2024 academic year, the university management should analyze the available space at the university in order to organize modern coworking zones for students, in addition to the existing one on the 10th floor of the main building, hold a competition among students for the design of coworking zones, consider the possibility of organizing student zones for extracurricular work until the end of 2025 based on the results of the best student projects.
3. The management of the university should develop a program to stimulate scientific research of teaching staff with specific indicators by 2024 and begin its implementation.

EEC conclusions:
According to the standard "Educational resources and student support systems", 13 criteria are disclosed, of which: all 13 criteria are satisfactory.

6.9 Standard "Public information"

✓ The OE must publish reliable, objective, up-to-date information about the educational program and its specifics, which should include:
- *expected learning outcomes of the educational program being implemented;*
- *qualification and (or) qualifications that will be awarded upon completion of the educational program;*
- *approaches to teaching, learning, as well as a system (procedures, methods and forms) of assessment;*
- *information about passing scores and learning opportunities provided to students;*
- *information about employment opportunities for graduates.*

✓ The management of the EP should provide for a variety of ways to disseminate information, including the media, information networks to inform the general public and interested parties.

✓ Informing the public should include support and explanation of the national development programs of the country and the system of higher and postgraduate education.

✓ The OE must demonstrate the reflection on the web resource of information that characterizes it as a whole and in the context of educational programs.

✓ An important factor is the availability of adequate and objective information about the teaching staff of the EP.

✓ An important factor is informing the public about cooperation and interaction with partners within the framework of the EP.

Evidence

The main and main source of information about the activities of the university isuniversity website (http://kazuits.edu.kz/), which publishes the mission, vision and strategies of the university, information in the context of blocks: "About the university", "Education", "Chairs", "Applicants", "Student life", "News", "Science", "Entrance to the mail".

In addition to the official website, the university operates the newspaper "Kazakhstan University of Innovative and Telecommunication Systems" and the scientific journal "News of Engineering Science and Education of Western Kazakhstan".

Since the founding of the newspaper (December 2010, certificate - No. 11305-G), 148 issues have been published, the newspaper is published twice a month. The main thematic focus of the publication is informational and educational, scientific and methodological, the newspaper also publishes information about educational programs, science news, innovations, patriotic and educational work, students' creativity: poems and stories, articles by teachers and university staff on educational topics.

The scientific journal "News of engineering science and education of Western Kazakhstan" has been published since 2013, with a frequency of 4 issues per year. Certificate of registration of the periodical printed edition No. 12160 - Zh. E-mail address: *nauka-kaziitu@mail.ru*,*news.engin@mail.ru*.

Information about training, assessment procedures, information about passing scores and learning opportunities provided to students are reflected in the Academic Policy, Regulations on the point-rating system for assessing students' knowledge, Regulations on the organization of the educational process on credit technology of education, Regulations on the implementation and organization of the full-time educational process departments using distance learning technologies posted on the university website, in the "Education" section (*http://kazuits.edu.kz/ru/4562/uchebno-metodicheskaya-rabota/dokumenty-po-umr*).

An effective method for assessing the quality and effectiveness of educational programs is the level of employment of graduates and the survey of employers. Information on employment is presented on the website page (*http://kazuits.edu.kz*).It also provides information on employment in the context of specialties for the last 3 years ((*http://kazuits.edu.kz/ru/123636/struktura/otdel-innovatsii-i-trudoustrojstva/trudoustrojstvo*).
Photos and videos of famous graduates are posted on the Alumni tab of the website (*http://kazuits.edu.kz/ru/1036/kafedra-obshchetekhnicheskikh-*

*distsiplin/vypuskniki).*Information is also provided on the bases of practice of the university, which provide students with the opportunity for employment upon successful completion of the practice (http://krmu.kz/umr/employment/organizacziya-professionalnoj-praktiki-v-krmu/).

Organized posting of students' resumes on the university website (*http://kazuits.edu.kz/ru/123636/struktura/otdel-innovatsii-i-trudoustrojstva/rezyume-vypusknikov).*

Certificates of all accredited EP and the license of the university and EP are placed in the section "About the University", in the subsections "License" and "Achievements of the university (Accreditation, rating)"*http://kazuits.edu.kz/).*

The university takes part in the ratings of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken", the Independent Agency for Accreditation and Rating.

Information about the qualifications of each teacher in the form of a portfolio is posted on the main page of the university website (*http://kazuits.edu.kz/ru/1036/kafedra-obshchetekhnicheskikh-distsiplin).*The information is available to any visitor to the site. Information about the position, the academic degree of the teacher, the list of his educational and scientific publications are formed from the information systems of the university and reflect the current state of affairs. The composition of the teachers of the department and their portfolio can also be found on the page of the departments.

Analytical part

The university publishes information on various activities, such as: support and clarification of national development programs for the country and the system of higher and postgraduate education, international cooperation, the results of external evaluation procedures, information for applicants, information about the structural divisions of the university, information for students, information about services site and so on. The site contains information about the history of the university, mission, strategy in accordance with which the university operates. However, on the official website of the university, the information is not structured or the following information is missing or not up-to-date information is posted:

- on the main page "Personnel Policy" (located in the section Documents on EMW),
- some pages are missing in Kazakh, English (information for applicants, about student life, about educational programs);
– there is no informative content in the "science" section, only documented procedures are attached;
– there is no information about the partner activities of the university, academic mobility programs and other forms of cooperation with partner universities, scientific / consulting organizations, business partners, social partners;
– not all MEP and CED of the university are posted on the website;
- there is no information about the approaches of teaching, learning, as well as systems (procedures, methods and forms) of assessment within each EP.

In addition, not reliable or not up-to-date information on the structure of the university is posted. For example, On the website - the Department for Innovation and Employment (http://kazuits.edu.kz/ru/123636/struktura/otdel-innovatsii-i-trudoustrojstva), in the organizational structure of the university (http://kazuits.edu.kz/ru/123636/struktura) - Department of Practice and Employment, and in the self-report of the university, the Center for Employment of Graduates and Professional Practice, etc.

There is no publication of audited financial statements for the EP on its own web resource.

Eventually, the university management needs to take targeted actions to improve the content of relevant information and the design of the official website.

Strengths / best practice for accredited EP:
- According to this standard, the EP has no strengths.

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":

1. The university administration should update the structure, design of the university website and determine the requirements for publishing on the university website reliable, objective, up-to-date and complete information about the study program, structural divisions, as well as assessment systems (procedures, methods and forms), cooperation and interaction with partners within the framework of the EP until August 31, 2023.

2. In order to increase competitiveness, awareness of the responsibility for informing the public about the educational programs implemented at the university and the conditions conducive to implementation, before the start of the 2023-2024 academic year. year to consider the possibility of providing access to the heads of the EP, as well as the heads of structural divisions, to the tabs and sections on the website of the university, for self-filling content.

3. The management of the university should determine the requirements for the publication on the website of the university of reliable, objective, up-to-date information about the approaches of teaching, learning, as well as systems (procedures, methods and forms) of assessment within each EP.

4. The university management should update information on the results of external evaluation procedures and post it on the official website of the university on an ongoing basis.

5. By the beginning of 2023-2024 year, to revise the structure of the content of the section on partnership activities of the university on the university website, including international ones, with the inclusion of information about academic mobility programs and other forms of cooperation with partner universities, scientific / consulting organizations, business partners, social partners, including in terms of EP.

6. The management of the university publish audited financial statements on the website of the university as part of the EP annually.

EEC conclusions:
According to the "Public Informing" standard, 12 criteria are disclosed, of which: 10 criteria are satisfactory, 2 criteria require improvement;

(VII) OVERVIEW OF STRENGTHS/BEST PRACTICE FOR EACH STANDARD

Strengths / best practice in EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":

Standard "Management of the educational program"
- According to this standard, the EP has no strengths.

Standard "Information Management and Reporting"
- According to this standard, the EP has no strengths.

Standard "Development and approval of the educational program"
- According to this standard, the EP has no strengths.

Standard "Continuous monitoring and periodic evaluation of educational programs"
- According to this standard, the EP has no strengths.

Standard "Student-Centered Learning, Teaching and Assessment"
- According to this standard, the EP has no strengths.

Standard "Students"
- According to this standard, the EP has no strengths.

Standard "Teaching Staff"
- The university has demonstrated the possibility of career growth and professional development of teaching staff, including young teachers, using the example of representatives from the management of the university.

Standard "Educational resources and student support systems"
- According to this standard, the EP has no strengths.

Standard "Public Information"
- According to this standard, the EP has no strengths.

(VIII) <u>OVERVIEW RECOMMENDATIONS FOR IMPROVING QUALITY FOR EACH STANDARD</u>

EEC recommendations for EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection":

Standard "Management of the educational program"

1. The management of the university should analyze and systematize the impact of risks on the activities of the university. Based on the analysis carried out, develop a medium-term plan (for 3 years) to prevent and overcome risks in order to improve the activities of the university and improve the quality of educational services and begin its implementation from the 2023-2024 academic year.

2. Guidelines of EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection", to ensure individuality and uniqueness, determine the advantages of accredited EP in comparison with other EP implemented in the region and the Republic of Kazakhstan, and, based on the analysis, adjust development plans EP, defining their individuality and uniqueness. Deadline: 09/01/2023.

3. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" to analyze and systematize the impact of risks on the implementation of accredited EP, with reflection of the results of the analysis in the protocols of collegiate management bodies. Deadline: 09/01/2023.

4. The management of the university, the management of structural divisions and the management of all EP of the university in the planning of their activities annually include blocks with a description of possible risks in the implementation of activities and the implementation of the EP, indicating the names of risks, possible consequences in case of failure to take and (or) timely response measures, and also with a description of the mechanisms and measures of risk management.

Standard "Information Management and Reporting"

1. By the beginning of the 2023-2024 academic year, the management of the university needs to determine the responsibility of the structural unit or staff unit for the developed model of the quality management system of the university, which will transfer job responsibilities for the successful functioning and improvement of the internal quality assurance system for each implemented process of the university (educational, methodological, research, innovative development, financial, social and educational, etc.), including quality assurance monitoring, decision-making based on the analyzes, development supervision and implementation of corrective and preventive actions.

2. Starting from the 2023-2024 academic year, the responsible structural unit should keep a record of the identified shortcomings in the process of conducting various types of sociological surveys, questionnaires and other types of feedback from consumers of educational services, starting with the preparation of plans for corrective and preventive actions, ending with the preparation of reports on their implementation and placement of information on the work done with the identified shortcomings for the public in the public domain.

3. By the beginning of the 2023-2024 academic year, the management of the university, together with the management of all EP of the university and interested parties, in particular with employers and graduates, determine the criteria and systematize the assessment of the effectiveness and efficiency of the EP.

4. The management of the university until the beginning of the 2023-2024 academic year to determine the timing and complete the implementation of the KPI system for collecting and analyzing information on the effectiveness of the teaching staff and structural divisions of the university, updating and finalizing all the provisions relating to KPI.

Standard "Development and approval of the educational program"

1. The guidelines of the EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" need to annually analyze the content of educational programs for the harmonization of modules with the EP of foreign and Kazakh partner universities, to include a section in the development plans of the EP corresponding to the Development Strategy of the university until 2025 for the implementation of double-diploma EP, JEP, with the development of a roadmap, and begin its implementation by 2025.

2. By 2024, the university management needs to develop a mechanism for recognizing the results of non-formal learning and start implementing it, informing all participants in the educational process about the possibilities of recognition.

Standard "Continuous monitoring and periodic evaluation of educational programs"

1. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection", by the beginning of the 2023-2024 academic year, in addition to test funds, add alternative funds for evaluation funds to the list.

2. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" on the website of the university, in the tab of the department, it is necessary to post annually detailed information about the internal content of the MEP and publish all changes related to the MEP of the university for interested parties in the public domain .

Standard "Student-Centered Learning, Teaching and Assessment"

1. Leadership of the EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" in the development plans of the EP include measures to improve the skills of the teaching staff in the field of applying modern methods for assessing the achievements of students, and begin their implementation, starting from 2023-2024 academic year. of the year.

Standard "Students"

1. The management of the university should ensure the development of a provision on the recognition of learning outcomes obtained through non-formal education, post it on the official website of the university by 2024 and begin its implementation.

2. In accordance with the University Development Program, the leadership of the accredited EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" include indicative indicators in the plans for the development of educational programs, in the work plan of the department and start from the 2023-2024 academic year the implementation of the item: "attracting students in the program "incoming and outgoing (external, internal) academic mobility" and "expanding the geography of countries of international cooperation within the framework of academic mobility".

3. The leadership of EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" to develop and approve a program of professional self-education for students by August 31, 2023 and begin implementation from 2023-2024 academic year of the year.

4. To ensure transparency, the management of the university should update the content of the "Regulations on working with gifted students" with the inclusion of criteria for financial incentives for gifted students until 2024 and post it on the official website of the university.

5. The university management should take measures to improve the performance of the Alumni Association, namely, draw up a work plan for the Alumni Association, begin its implementation, while informing university graduates about the activities of the association through all possible informative sources from the 2023-2024 academic year.

Standard "Teaching Staff"

1. The university management should include points for achieving the results of the introduction of innovative teaching methods, including for the development and application of massive open online courses, the results obtained in research (publication of articles in rating

journals, development and participation in various grant and international programs, participation in the program "academic mobility of teaching staff", etc.).

2. Guidelines EP 6B05212 "Ecology", 6B11221 "Life safety and environmental protection" include indicative indicators in the development plans of the EP, in the work plans of the department and implement the items: "Development of massive open online courses", "academic mobility of teaching staff (incoming / outgoing , external/internal), starting from the 2023-2024 academic year.

3. The management of the university, together with the leadership of the EP until 2024, develop a roadmap for the opening of a master's program within the field of education of the EP 4 cluster and begin its implementation.

Standard "Educational resources and student support systems"

1. By 2024, the university management needs to conduct an unscheduled, detailed, anonymous survey of students and teaching staff, regarding satisfaction with the provision of conditions for educational and other processes, analyze the results obtained, discuss it at the Academic Council of the university, in order to identify problematic points , development of a plan for corrective and preventive actions, with further implementation and publication of information on the work done for teaching staff and students.

2. By the 2024 academic year, the university management should analyze the available space at the university in order to organize modern coworking zones for students, in addition to the existing one on the 10th floor of the main building, hold a competition among students for the design of coworking zones, consider the possibility of organizing student zones for extracurricular work until the end of 2025 based on the results of the best student projects.

3. The management of the university should develop a program to stimulate scientific research of teaching staff with specific indicators by 2024 and begin its implementation.

Standard "Public Information"

1. The university administration should update the structure, design of the university website and determine the requirements for publishing on the university website reliable, objective, up-to-date and complete information about the study program, structural divisions, as well as assessment systems (procedures, methods and forms), cooperation and interaction with partners within the framework of the EP until August 31, 2023.

2. In order to increase competitiveness, awareness of the responsibility for informing the public about the educational programs implemented at the university and the conditions conducive to implementation, before the start of the 2023-2024 academic year. year to consider the possibility of providing access to the heads of the EP, as well as the heads of structural divisions, to the tabs and sections on the website of the university, for self-filling content.

3. The management of the university should determine the requirements for the publication on the website of the university of reliable, objective, up-to-date information about the approaches of teaching, learning, as well as systems (procedures, methods and forms) of assessment within each EP.

4. The university management should update information on the results of external evaluation procedures and post it on the official website of the university on an ongoing basis.

5. By the beginning of 2023-2024 year, to revise the structure of the content of the section on partnership activities of the university on the university website, including international ones, with the inclusion of information about academic mobility programs and other forms of cooperation with partner universities, scientific / consulting organizations, business partners, social partners, including in terms of EP.

6. The management of the university publish audited financial statements on the website of the university as part of the EP annually.

(IX)   OVERVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF EDUCATIONAL ORGANIZATION

1. Conduct an analysis and systematization of the impact of risks on the activities of the university. Based on the analysis, develop short-term and long-term plans to prevent and overcome risks in order to improve the activities of the university and improve the quality of educational services. Deadline: 01.09.2023.

2. Expand the areas of cooperation, as well as the geography of employers (including regional companies), within the framework of concluded agreements and memorandums of cooperation, not only in relation to their acting as practice bases, but also in terms of creating joint research laboratories, basic departments, training and production centers, etc.

3. Develop a program for the implementation and activation of academic mobility of students and teaching staff in all educational programs. Deadline: 01.09.2023.

4. Consider the possibility of carrying out a more in-depth study of the English language both within the framework of the EP, and organizing additional training in foreign languages.

5. Develop a mechanism to stimulate the use of teaching staff of online learning technologies based on electronic courses of disciplines, IEP and other ICT, provide refresher courses for teaching staff of the university in the development and application of IEP courses, Coursera, etc. in the educational process. Deadline: 01.09.2023.

6. Update and fill the content of the official website of the university with the necessary information on ongoing educational programs, create a platform for feedback from all participants in educational relations. Deadline: 09/01/2023.

(X)   RECOMMENDATIONS TO THE ACCREDITATION BOARD

The external expert commission made a unanimous decision to recommend to the Accreditation Council to accredit educational programs of NSEI "Kazakhstan University of Innovative and Telecommunication Systems" 6B05212 "Ecology", 6B11221 "Life Safety and Environmental Protection" for a period of 5 (five) years.

Annex 1. Evaluation table "PARAMETERS OF A SPECIALIZED PROFILE"

EP 6B05212 "Ecology",
6B11221 "Life safety and environmental protection"

No. p\p	No.	Criteria for evaluation	Position of the educational organization			
			strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard "Educational program management»						
1	1.	The university must demonstrate the development of the goal and development strategy of the EP based on the analysis of external and internal factors with the wide involvement of various stakeholders		+		
2	2.	The quality assurance policy should reflect the relationship between research, teaching and learning		+		
3	3.	The university demonstrates the development of a culture of quality assurance		+		
4	4.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility		+		
5	5.	The management of the EP ensures the transparency of the development plan for the development of the EP based on an analysis of its functioning, the real positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students		+		
6	6.	The EP management demonstrates the functioning of the mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP		+		
7	7.	The EP management should involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of the EP development plan		+		
8	8.	The EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national development priorities and the development strategy of the educational organization			+	
9	9.	The university must demonstrate a clear definition of those responsible for business processes within the framework of the EP, the distribution of staff duties, and the delimitation of the functions of collegial bodies		+		
10	10.	The management of the EP ensures the coordination of the activities of all persons involved in the development and management of the EP, and its continuous implementation, and also involves all		+		

		interested parties in this process				
eleven	11.	The EP management must ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and the adoption of appropriate decisions		+		
12	12.	The management of the EP should carry out risk management			+	
13	13.	The management of the EP should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program		+		
14	14.	The university must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals		+		
15	15.	The management of the EP must demonstrate its openness and accessibility for students of teaching staff, employers and other interested parties		+		
16	16.	The management of the EP confirms the completion of training in education management programs		+		
17	17.	The management of the EP should strive to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.		+		
		Total by standard	**0**	**15**	**2**	**0**
Standard "Information Management and Reporting"						
18	1.	The university must ensure the functioning of the system for collecting, analyzing and managing information based on modern information and communication technologies and software		+		
19	2.	The EP guidance demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system		+		
20	3.	The EP management demonstrates the presence of a reporting system that reflects the activities of all structural units and departments within the EP, including an assessment of their performance		+		
21	4.	The university must determine the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management			+	
22	5.	The university must demonstrate a mechanism for ensuring the protection of information, including determining the persons responsible for the reliability and timeliness of the analysis of information and the provision of data		+		
23	6.	The university demonstrates the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them		+		
24	7.	The EP management must demonstrate the existence of communication mechanisms with students, employees and other stakeholders, including conflict resolution		+		
25	8.	The university must ensure the measurement of the degree of satisfaction with the needs of teaching staff, staff and students within the		+		

No.	No.					
		framework of the EP and demonstrate evidence of eliminating the identified shortcomings				
26	9.	The university must evaluate the effectiveness and efficiency of activities, including in the context of EP			+	
		The information collected and analyzed by the university within the framework of the EP should take into account:				
27	10.	key performance indicators			+	
28	11.	the dynamics of the contingent of students in the context of forms and types		+		
29	12.	academic performance, student achievement and dropout		+		
30	13.	satisfaction of students with the implementation of the EP and the quality of education at the university		+		
31	14.	availability of educational resources and support systems for students		+		
32	15.	employment and career growth of graduates		+		
33	16.	Students, employees and teaching staff must document their consent to the processing of personal data		+		
34	17.	The management of the EP should contribute to providing all the necessary information in the relevant fields of science		+		
		Total by standard	**0**	**14**	**3**	**0**
Standard "Development and approval of the educational program"						
35	1.	The university must demonstrate the existence of a documented procedure for the development of the EP and its approval at the institutional level		+		
36	2.	The university must demonstrate the compliance of the developed EP with the established goals and planned learning outcomes		+		
37	3.	The EP management should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
38	4.	The university can demonstrate the presence of a model of a graduate of an EP that describes learning outcomes and personal qualities		+		
39	5.	The qualification awarded upon completion of the EP must be clearly defined, explained and correspond to a certain level of NQF, QF-EHEA		+		
40	6.	The management of the EP should demonstrate the modular structure of the program based on the European Credit Transfer and Accumulation System (ECTS), ensure that the EP, its modules (in content and structure) correspond to the set goals with a focus on achieving the planned learning outcomes		+		
41	7.	The management of the EP should ensure that the content of academic disciplines and learning outcomes correspond to each other and the level of education (bachelor's, master's, doctoral studies)		+		
42	8.	The management of the EP must demonstrate the conduct of external reviews of the EP		+		
43	9.	The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development of the EP,		+		

		ensuring their quality				
44	10.	The management of the EP must demonstrate the positioning of the EP in the educational market (regional / national / international), its uniqueness		+		
45	11.	An important factor is the possibility of preparing students for professional certification		+		
46	12.	An important factor is the presence of a two-degree EP and / or joint OP with foreign universities		+		
		Total by standard	**0**	**12**	**0**	**0**
		Standard "Continuous monitoring and periodic evaluation of educational programs"				
47	1.	The university must ensure the revision of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society		+		
48	2.	The university must demonstrate the existence of a documented procedure for monitoring and periodically evaluating the EP in order to achieve the goal of the EP. The results of these procedures are aimed at continuous improvement of the EP		+		
		Monitoring and periodic evaluation of the EP should consider				
49	3.	the content of the programs in the context of the latest achievements of science and technology in a particular discipline		+		
50	4.	changing needs of society and the professional environment		+		
51	5.	workload, performance and graduation of students		+		
52	6.	effectiveness of student assessment procedures			+	
53	7.	needs and satisfaction of students		+		
54	8.	compliance of the educational environment and the activities of support services with the goals of the EP		+		
55	9.	All stakeholders must be informed of any planned or undertaken actions in relation to the EP. All changes made to the EP must be published		+		
56	10.	Support services should identify the needs of various groups of students and the degree of their satisfaction with the organization of training, teaching, assessment, mastering the EP in general		+		
		Total by standard	**0**	**9**	**1**	**0**
		Standard "Student-Centered Learning, Teaching and Assessment"				
57	1.	The management of the EP should ensure respect and attention to the various groups of students and their needs, providing them with flexible learning paths		+		
58	2.	The management of the EP should ensure teaching on the basis of modern achievements of world science and practice in the field of training, the use of various modern methods of teaching and evaluating learning outcomes that ensure the achievement of the objectives of the EP, including competencies, skills to perform scientific work at the required level		+		

59	3.	The management of the EP should determine the mechanisms for distributing the teaching load of students between theory and practice within the framework of the EP, ensuring the development of the content and achievement of the objectives of the EP by each graduate		+		
60	4.	An important factor is the presence of own research in the field of teaching methods of EP disciplines		+		
61	5.	The university must ensure that the procedures for evaluating learning outcomes correspond to the planned results and goals of the EP		+		
62	6.	The university must ensure the consistency, transparency and objectivity of the mechanism for assessing the learning outcomes of the EP. Criteria and methods for evaluating learning outcomes should be published in advance		+		
63	7.	Assessors must be familiar with modern methods for assessing learning outcomes and regularly improve their skills in this area.		+		
64	8.	The management of the EP must demonstrate the existence of a feedback system on the use of various teaching methods and the assessment of learning outcomes		+		
65	9.	The management of the EP must demonstrate support for the autonomy of learners while providing guidance and assistance from the teacher.		+		
66	10.	The management of the EP must demonstrate the existence of a procedure for responding to complaints from students		+		
		Total by standard	**0**	**10**	**0**	**0**
Standard "Students»						
67	1.	The university must demonstrate the policy of forming a contingent of students and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published		+		
68	2.	The management of the EP should provide for special adaptation and support programs for newly enrolled and foreign students		+		
69	3.	The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education		+		
70	4.	The university should provide an opportunity for external and internal academic mobility of students, as well as assist them in obtaining external grants for study		+		
71	5.	The university should actively encourage students to self-education and development outside the main program (extracurricular activities)		+		
72	6.	An important factor is the existence of a mechanism to support gifted students.		+		
73	7.	The university must demonstrate cooperation with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information		+		

		Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications				
74	8.	The university must provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, maintaining contact with them		+		
75	9.	The university must demonstrate the procedure for issuing documents to graduates confirming the qualifications received, including the achieved learning outcomes		+		
76	10.	The management of the EP must demonstrate that program graduates have skills that are in demand in the labor market and that these skills are really in demand in the labor market.		+		
77	11.	The management of the EP must demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates		+		
78	12.	An important factor is the existence of an active alumni association/union			+	
		Total by standard	**0**	**eleven**	**1**	**0**
Standard "Teaching staff»						
79	1.	The university must have an objective and transparent personnel policy in the context of the EP, including recruitment (including invited teaching staff), professional growth and development of staff, ensuring the professional competence of the entire staff		+		
80	2.	The university must demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, the strategy of the university, and the goals of the EP		+		
81	3.	The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning and teaching		+		
82	4.	The university should provide opportunities for career growth and professional development of teaching staff, including young teachers	+			
83	5.	The university should involve in the teaching of specialists from relevant industries with professional competencies that meet the requirements of the EP		+		
84	6.	The university must demonstrate the presence of a motivation mechanism for the professional and personal development of teaching staff		+		
85	7.	The university must demonstrate the widespread use of information and communication technologies and software in the educational process by the teaching staff (for example, on-line training, e-portfolio, MEP, etc.)		+		
86	8.	The university must demonstrate the focus on the development of academic mobility, attracting the best foreign and domestic teachers		+		
87	9.	The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity at the university, determine the contribution of teaching staff, including those invited, to achieving the goals of the EP		+		
88	10.	An important factor is the involvement of teaching staff in the development of the economy, education,		+		

		science and culture of the region and the country				
		Total by standard	**1**	**9**	**0**	**0**
Standard "Educational resources and student support systems"						
89	1.	The university must guarantee the compliance of educational resources, including material and technical, and infrastructure with the goals of the educational program		+		
90	2.	The management of the EP must demonstrate the availability of classrooms, laboratories and other facilities equipped with modern equipment and ensuring the achievement of the objectives of the EP		+		
		The university must demonstrate the compliance of information resources with the needs of the university and the EP being implemented, including in the following areas:				
91	3.	technological support for students and teaching staff in accordance with educational programs (for example, online learning, modeling, databases, data analysis programs)		+		
92	4.	library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases		+		
93	5.	examination of the results of research, final works, dissertations for plagiarism		+		
94	6.	access to educational Internet resources		+		
95	7.	functioning of WI-FI in its territory		+		
96	8.	The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, publishing the results of research work of teaching staff, staff and students		+		
97	9.	The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in the relevant sectors of the economy		+		
98	10.	The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling		+		
99	11	The management of the EP should show the existence of conditions for the advancement of the student along an individual educational trajectory		+		
100	12.	The university must take into account the needs of different groups of students (adults, working, foreign students, as well as students with special educational needs)		+		
101	13	The university must ensure that the infrastructure meets the safety requirements		+		
		Total by standard	**0**	**13**	**0**	**0**
Standard "Public Information»						
102	1.	The information published by the university must be accurate, objective, up-to-date and reflect all areas of the university's activities within the framework of the educational program		+		

103	2.	Informing the public should include support and explanation of the national development programs of the country and the system of higher and postgraduate education		+		
104	3.	The university management should use a variety of ways to disseminate information (including the media, web resources, information networks, etc.) to inform the general public and interested parties		+		
		Information published by the university about the educational program must be objective and up-to-date and include				
105	4.	the purpose and planned results of the EP, the qualification to be awarded		+		
106	5.	information and the system for assessing the educational achievements of students		+		
107	6.	information about academic mobility programs and other forms of cooperation with partner universities, employers			+	
108	7.	information about the opportunities for the development of personal and professional competencies of students and employment		+		
109	8.	data reflecting the positioning of the EP in the market of educational services (at the regional, national, international levels)		+		
110	9.	An important factor is the publication on open resources of reliable information about teaching staff, in the context of personalities		+		
111	10.	The university must publish audited financial statements for the EP on its own web resource			+	
112	11.	The university must post information and links to external resources based on the results of external evaluation procedures		+		
113	12.	An important factor is the placement of information about cooperation and interaction with partners, including scientific / consulting organizations, business partners, social partners and educational organizations		+		
		Total by standard	**0**	**10**	**2**	**0**
		TOTAL	**1**	**103**	**9**	**0**

Annex 2. PROGRAM OF THE VISIT TO THE EDUCATIONAL INSTITUTION

AGREED		APPROVE
Rector		**Director General of the National Institution "Independent Agency for Accreditation and Rating"**
_____		
"___" _____		_____
2023		**Zhumagulova A.B.**
		"____" _____ 2023

PROGRAM
VISIT OF THE EXTERNAL EXPERT COMMISSION
INDEPENDENT ACCREDITATION AND RATING AGENCY (IAAR)
TO KAZAKHSTAN UNIVERSITY OF INNOVATIVE AND TELECOMMUNICATION SYSTEMS

STAGE 1 SPECIALIZED ACCREDITATION
Date of the visit: May 22-24, 2023, the time is indicated for Uralsk

date and time	EEC work with target groups	Position and Surname, Name, Patronymic of participants target groups	Contact form
May 21st			
15.00-16.00	Preliminary meeting of the EEC	*External IAAR experts*	Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
May 21, 2023			
On schedule during the day	Arrival of members of the External Expert Commission		
20.00	Dinner	*External IAAR experts*	
Day 1th: May 22, 2023			
08.30-09.00	Transfer from the hotel to the University	*External IAAR experts, coordinator of the university - project manager for accreditation of organizations of technical and vocational education IAAR Bekenova Dinara Kairbekovna*	
09.00-09.15	Distribution of responsibility of experts, solution of organizational issues	*External IAAR experts*	Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.15-09.45	Interview with the rector	*Rector of University Bayakhov Alibi Naukhanovich Doctor of*	room number 209 Join a Zoom meeting https://us02web.zoom.u

		Agricultural Sciences, Professor, Corresponding Member of NAE RK	s/j/6813032588 Conference ID: 681 303 2588
09.45-10.00	Technical break		
10.00-10.40	Interviews with vice-rectors	*Aimaganbetova Anara Mukhambetkalievna - vice-rector for EMW, EMC; Duskazieva Zhanar Nurlybaevna - Vice-Rector for RW and IC, Candidate of Cultural Studies; Khamzin Zakir Ulykbekovich - Vice-Rector for SWBCW, m...*	room number 209 Join a Zoom meeting https://us02web.zoom.u s/j/6813032588 Conference ID: 681 303 2588
10.40-10.50	Technical break		
10.50-11.30	Interviews with the heads of structural divisions of the NGO	*Kurakbaeva Tatyana Sergeevna - Head of the Department of Academic Affairs, M.E.S.; Kurmasheva Layla Zhubandykovna-office registrar, m.t.s.; Amanbaev Nartau Zholdauovich - Specialist of the Department of Science, M.E.S.; Ofitserov Sergey Olegovich - director of the information technology center.* *Lauberts Kira Yurievna - Head of Practice and Employment Department; Dzhumakaeva Gulzhan Tulegenovna - head of the library Gusmanova Guldana Alibekovna - head of the department of career guidance, M.E.S.; Tastemirov Asylbek Gumarovich - chief accountant; Otarova Zhanat Sagynbaevna – deputy chief accountan, M.E.S.; Ispandiyarov Zamir Kameshovich - Head of the Department of Educational Work, master of Law; Ayazbayeva Gulzhan*	room number 209 Join a Zoom meeting https://us02web.zoom.u s/j/6813032588 Conference ID: 681 303 2588

		Serikovna - editor of the newspaper KAZIITU; Baymukanov Zhastalap Lukpanovich - head of the economic department; Amrullina Aisulu Sembeevna - head of personnel department.	
11.30-11.45	Exchange of views of members of the foreign expert commission		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
11.45-12.30	Interviews with heads of departments and heads of educational programs	*Analieva Azhar Urazbaevna - head of department "Technical disciplines", c.t.s. Izteleuova Gulzada Syrymovna - deputy head of the department "Technical disciplines", m.t.s. Head of the EP "Computer Engineering and Software" Urazova Gulnaz Erbolatovna - m.t.s. Head of the EP "Automation and Control" Dzhumakhmetova Liliya Kereevna Head of EP "Information Systems" Aksenova Dina Kuanaevna Head of the EP "Information Systems Master" Kubiyeva Gulzhanat Oralbekkyzy - m.t.s. Head of the EP "Radio Engineering, Electronics and Telecommunications" Sadykov Rashid Sagievich - head of the department " Ecology and life safety", Candidate of Agricultural Sciences Nurgaliyeva Balseker Muratovna - Deputy Head of the Department, m.t.s. Moldaganapov Ulan*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588

		Yerikovich - head of the EP from the organization. *Muratova Elmira Muratkyzy-head of the department "Jurisprudence", master of Law.* *Amanbayeva Alfiya Maksutovna - Deputy Head of the Department of the Law, master of Law* *Cherkesov Magomed Alimovich - Senior Lecturer, Head of Educational Program "Jurisprudence" master of Law.* *Rakhmetov Talgat Khasanovich - candidate of Law, professor* *Dzhumabaev Aidynbek Baltabekovich – master of Law, Senior Lecturer* *Mekin Madeniet Adilovich head of the department "Economics and Management", M.E.S.* *Makhambetova Asel Makhambetovna Head of the EP "Finance", m.e.s..* *Baygaliyeva Araylym Salauatovna Head of the EP "Public Service and Local Government", m.e.s.* *Kazhgalieva Samal Orynbasarovna Head of the EP "Accounting and Audit", m.e.s..* *Isagaliev Saken Talgatovich Head of the EP "Economics", m.e.s..* *Kadralieva Gulnur Malikovna Head of the EP "Economics Master", M.E.S.*	
12.30-13.00	EEC work	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588

13.00-14.00	*Dinner*		
14.00-14.15	Exchange of views of members of the foreign expert commission		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
14.15-15.00	Interview with teaching staff EP	*Annex 1* *Cluster 1* *Cluster 2* *Cluster 3* *Cluster 4* *Cluster 5*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
15.00-15.15	Technical break		
15.00-16.00	Questioning of teaching staff (in parallel)	*Annex 2*	The link is sent to the e-mail of the teacher personally
15.15-16.00	Interviews with EP students	*Annex 3* *Cluster 1* *Cluster 2* *Cluster 3* *Cluster 4* *Cluster 5*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
16.00-17.00	Questionnaire of students (in parallel)	*Appendix 4*	The link is sent to the e-mail of the student personally
16.15-18.00	Visual inspection of the EP and the material, technical and educational and laboratory base	*Route sheet* *Appendix 5*	
18.00-19.00	Work of the EEC discussion of the results of the first day	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
19.00-20.00	Dinner		
Day 2: May 23, 2023			
08.30-09.00	Transfer from the hotel to the University	*External IAAR experts, coordinator of the university - project manager for accreditation of organizations of technical and vocational education IAAR Bekenova Dinara Kairbekovna*	

09.00-09.15	EEC work		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.15-10.50	Selective visits to the EP practice bases	*External IAAR experts according to the itinerary* **Appendix 6**	
10.50-11.30	Meeting with stakeholders (representatives of practice bases and employers)	**Annex 7**	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
11.30-11.40	Technical break		
11.40-13.00	Work with documents (documents must be uploaded to the cloud in advance)		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
13.00-14.00	**Dinner**		
14.00-14.15	Technical break		
14.15-15.00	Interviews with graduates of the EP	**Appendix 8**	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
15.00-17.00	Selective visits to the EP practice bases	*External IAAR experts according to the itinerary* **Annex 9**	
17.00-17.15	Technical break		
17.00-18.00	EEC work, discussion of the results of the second day and profile parameters (recording is ongoing)		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
18.30-19.30	Dinner		
Day 3: May 24, 2023			
08.30-09.00	Transfer from the hotel	*External IAAR experts,*	

date and time		Position and Surname, Name, Patronymic of participants target groups	Contact form
	to the University	*coordinator of the university - project manager for accreditation of organizations of technical and vocational education IAAR Bekenova Dinara Kairbekovna*	
09.00-10.00	The work of the EEC development and discussion of recommendations (recording)	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
10.00-10.20	Technical break		
10.20-12.30	The work of the EEC discussion, decision-making by voting (recorded)	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
12:30-13:00	Final meeting of the EEC with the leadership of the university		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
13.00-14.00	Dinner		
14.00-15.00	Work of the EEC, Discussion of the results of the quality assessment	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
15.00-15.15	Technical break		
15.15-18.00	Work of the EEC, Discussion of the results of the quality assessment	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
date and time	EEC work with target groups	Position and Surname, Name, Patronymic of participants target groups	Contact form
May 21st			
15.00-16.00	Preliminary meeting of the EEC	*External IAAR experts*	Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303

			2588

May 21, 2023			
On schedule during the day	Arrival of members of the External Expert Commission		
20.00	Dinner	*External IAAR experts*	
Day 1th: May 22, 2023			
08.30-09.00	Transfer from the hotel to the University	*External IAAR experts, coordinator of the university - project manager for accreditation of organizations of technical and vocational education IAAR Bekenova Dinara Kairbekovna*	
09.00-09.15	Distribution of responsibility of experts, solution of organizational issues	*External IAAR experts*	Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.15-09.45	Interview with the rector	*Rector of Bayakhov University Alibi Naukhanovich Doctor of Agricultural Sciences, Professor, Corresponding Member of NIA RK*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.45-10.00	Technical break		
10.00-10.40	Interviews with vice-rectors	*Aimaganbetova Anara Mukhambetkalievna - vice-rector for UMR, MSc; Duskazieva Zhanar Nurlybaevna - Vice-Rector for SR and MS, Candidate of Cultural Studies; Khamzin Zakir Ulykbekovich - Vice-Rector for SVR, Ph.D.*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
10.40-10.50	Technical break		
10.50-11.30	Interviews with the heads of structural divisions of the NGO	*Kurakbaeva Tatyana Sergeevna - Head of the Department of Academic Affairs, M.E.S.; Kurmasheva Layla Zhubandykovna-office registrar, PhD; Amanbaev Nartau Zholdauovich - Specialist of the Department of Science, M.E.S.; Ofitserov Sergey Olegovich - director of the information technology center. Lauberts Kira Yurievna - Head of Practice and Employment Department; Dzhumakaeva Gulzhan Tulegenovna - head of the library Gusmanova Guldana Alibekovna - head of the department of career guidance, M.E.S.;*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588

		Tastemirov Asylbek Gumarovich - chief accountant; *Otarova Zhanat Sagynbaevna - deputy head. Bukh., M.E.S.;* *Spandiyarov Zamir Kameshovich - Head of the Department of Educational Work, Doctor of Law;* *Ayazbayeva Gulzhan Serikovna - editor of the newspaper KAZIITU;* *Baymukanov Zhastalap Lukpanovich - head of the economic department;* *Amrullina Aisulu Sembeevna - head of personnel department.*	
11.30-11.45	Exchange of views of members of the foreign expert commission		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
11.45-12.30	Interviews with heads of departments and heads of educational programs	*Analieva Azhar Urazbaevna - head of department "Technical disciplines", Ph.D.* *Izteleuova Gulzada Syrymovna - deputy head of the department "Technical disciplines", m.t.s.* *Head of the EP "Computer Engineering and Software"* *Urazova Gulnaz Erbolatovna - Ph.D. Head of the EP "Automation and Control"* *Dzhumakhmetova Liliya Kereevna Head of EP "Information Systems"* *Aksenova Dina Kuanaevna Head of the EP "Information Systems Master"* *Kubiyeva Gulzhanat Oralbekkyzy - M.Sc. Head of the EP "Radio Engineering, Electronics and Telecommunications"* *Sadykov Rashid Sagievich - head of the department "Ecology and Belarusian Railways", Ph.D.* *Nurgaliyeva Balseker Muratovna - Deputy Head of the Department, Ph.D.* *Moldaganapov Ulan Yerikovich - head of the EP from the organization.* *Muratova Elmira Muratkyzy-head. cafe "Jurisprudence", Ph.D.* *Amanbayeva Alfiya Maksutovna - Deputy Head of the Department of Mathematics and Law* *Cherkesov Magomed Alimovich*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588

		- Senior Lecturer, Head of Educational Program "Jurisprudence" Ph.D. *Rakhmetov Talgat Khasanovich* *- candidate of legal sciences, professor* *Dzhumabaev Aidynbek Baltabekovich - MD, Senior Lecturer* *Mekin Madeniet Adilovich cafe "Economics and Management", M.E.S.* *Makhambetova Asel Makhambetovna Head of the EP "Finance", Ph.D.* *Baygalieva Araylym Salauatovna Head of the EP "Public Service and Local Government", Ph.D.* *Kazhgalieva Samal Orynbasarovna Head of the EP "Accounting and Audit", Ph.D.* *Isagaliev Saken Talgatovich Head of the EP "Economics", Ph.D.* *Kadralieva Gulnur Malikovna Head of the EP "Economics Master", M.E.S.*	
12.30-13.00	EEC work	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
13.00-14.00	***Dinner***		
14.00-14.15	Exchange of views of members of the foreign expert commission		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
14.15-15.00	Interview with teaching staff OP	***Annex 1*** *Cluster 1* *Cluster 2* *Cluster 3* *Cluster 4* *Cluster 5*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
15.00-15.15	Technical break		
15.00-16.00	Questioning of teaching staff (in parallel)	***Annex 2***	The link is sent to the e-mail of the teacher personally
15.15-16.00	Interviews with EP students	***Annex 3*** *Cluster 1* *Cluster 2* *Cluster 3* *Cluster 4* *Cluster 5*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
16.00-17.00	Questionnaire of students (in	***Appendix 4***	The link is sent to the e-mail

	parallel)		of the student personally
16.15-18.00	Visual inspection of the EP and the material, technical and educational and laboratory base	*Route sheet* **Annex 5**	
18.00-19.00	Work of the EEC discussion of the results of the first day	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
19.00-20.00	Dinner		
Day 2: May 23, 2023			
08.30-09.00	Transfer from the hotel to the University	*External IAAR experts, coordinator of the university - project manager for accreditation of organizations of technical and vocational education IAAR Bekenova Dinara Kairbekovna*	
09.00-09.15	EEC work		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.15-10.50	Selective visits to the EP practice bases	*External IAAR experts according to the itinerary* **Appendix 6**	
10.50-11.30	Meeting with stakeholders (representatives of practice bases and employers)	**Annex 7**	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
11.30-11.40	Technical break		
11.40-13.00	Work with documents (documents must be uploaded to the cloud in advance)		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
13.00-14.00	**Dinner**		
14.00-14.15	Technical break		
14.15-15.00	Interviews with graduates of the EP	**Appendix 8**	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
15.00-17.00	Selective visits to the EP practice bases	*External IAAR experts according to the itinerary* **Annex 9**	
17.00-17.15	Technical break		
17.00-18.00	EEC work, discussion of the results of the second day and profile parameters (recording		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6

	is ongoing)		813032588 Conference ID: 681 303 2588
18.30-19.30	Dinner		
Day 3: May 24, 2023			
08.30-09.00	Transfer from the hotel to the University	*External IAAR experts, coordinator of the university - project manager for accreditation of organizations of technical and vocational education IAAR Bekenova Dinara Kairbekovna*	
09.00-10.00	The work of the EEC development and discussion of recommendations (recording)	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
10.00-10.20	Technical break		
10.20-12.30	The work of the EEC discussion, decision-making by voting (recorded)	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
12:30-13:00	Final meeting of the EEC with the leadership of the university		room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
13.00-14.00	Dinner		
14.00-15.00	Work of the EEC, Discussion of the results of the quality assessment	*External IAAR experts*	room number 209 Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
15.00-15.15	Technical break		
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Annex 3. RESULTS OF THE PPP QUESTIONNAIRE

The results of an anonymous survey of the teaching staff

Total number of profiles: 19

2. Position,%

Professor	
Associate Professor/Associate Professor	5.3
Senior Lecturer	73.7
Teacher	15.8
Head Chair	5.3
Other	

3. Academic degree, academic title

Honored Worker	
Ph.D	
PhD	
master	84.2
PhD	5.3
Professor	
Associate Professor/Associate Professor	5.3
No	10.5
Other	

4. Work experience in this university

Less than 1 year	
1 year - 5 years	36.8
Over 5 years	63.2
Other	

No.	Questions	Very good	Fine	Relatively bad	Badly	Very bad	Didn't answer
1	To what extent does the content of the educational program meet your scientific and professional interests and needs?	78.9	21.1				
2	How do you assess the opportunities provided by the university for the professional development of teaching staff	68.4	31.6				
3	How do you assess the opportunities provided by the university for the career growth of teaching staff	57.9	42.1				
4	How do you assess the degree of academic freedom of teaching staff	68.4	31.6				
	To what extent can teachers use their own						
5	• Learning Strategies	68.4	31.6				
6	• Teaching Methods	89.5	10.5				
7	• Educational innovation	78.9	21.1				
8	How do you assess the work on the organization of medical care and disease prevention at the university?	63.2	36.8				

9	What attention is paid by the management of the educational institution to the content of the educational program?	89.5	10.5				
10	How do you assess the sufficiency and availability of the necessary scientific and educational literature in the library?	89.5	10.5				
eleven	Assess the level of conditions created that take into account the needs of different groups of students?	63.2	36.8				
	Rate aboutopennessand availability of guidance						
12	• Students	78.9	21.1				
13	• teachers	78.9	21.1				
14	Assess the involvement of teaching staff in the process of making managerial and strategic decisions	31.6	68.4				
15	How is the innovation activity of teaching staff encouraged?	52.6	47.4				
16	Assess the level of feedback from teaching staff with management	84.2	15.8				
17	What is the level of stimulation and involvement of young professionals in the educational process?	73.7	26.3				
18	Assess the Opportunities Createdfor professional and personal growth for each teacher and employee	63.2	36.8				
19	Assess the adequacy of recognitionuniversity managementpotential and abilities of teachers	52.6	47.4				
	How the work is delivered						
20	• For academic mobility	57.9	42.1				
21	• To improve the qualifications of teaching staff	52.6	47.4				
	Evaluate the support of the university and its management						
22	• Research initiatives of teaching staff	63.2	36.8				
23	• Development of new educational programs/academic disciplines / teaching methods	68.4	31.6				
	Assess the level of ability of teaching staff to combine teaching						
24	• Withscientific research	57.9	42.1				
25	• Withpractical activities	73.7	26.3				
26	Assess how the knowledge of students obtained at the university corresponds to the realities of the requirements of the modern labor market	68.4	31.6				
27	How does the leadership and administration of the university perceive criticism?	31.6	68.4				
28	Assess how your workload meets your expectations and capabilities?	68.4	26.3	5.3			
29	Assess the focus of educational programs / training programs on the formation of students' skills and abilities to analyze the situation and make forecasts?	63.2	36.8				
thirty	Assess how the educational program in terms of content and quality of implementation meets the expectations of the labor market and employers	63.2	36.8				

Why do you work at this university?

- democracy, favorable moral climate in the team, excellent material and technical base, stability and confidence in work
- the base is good, all the necessary conditions are created for students and teachers
- Өңirdegizhoғaryoқuoryndarynyңishindegiқazirгizamanталaптарынa sai bilimordasyboluynyninsebebinenzhnematerialdarmenқamtylғan
- University of missionsyzhәнeқұndylyқtary
- Stability in everything
- ұzhymmenzhұmyszhasaғanұnaydy
- Olkemizdeginaryktyntalabyna sai zhauapberealatyn, prospects of syzhogary ZhOO
- Hello! I was offered a job at this university in 2021. At the beginning, the work itself seemed difficult, she herself did not plan to work as a teacher. But what kept me in our university was my wonderful team! But after half a year, I heard that the university provides good opportunities for young scientists, such as housing. I began to relate to my work with love, responsibility, and indeed - this responsibility for work, has borne fruit in the form of a one-room apartment. In addition, I love teaching.
- I live nearby
- Gylymyzhұmystarmenainalysuғabarlyқzhaғdaizhasalynғan.
- Bilimdengeyimdizhoғarlatuғamүmkindigimzhoғary
- Zhұmysuaқytyynңayly, үyimezhaқynornalasқan. Oқytubazasyқattyұnaydy.
- Zhobanyzhүzegeasyrubarysynda university zertkhanalaryzhaқsyzhabyқtalғanzhәнeкөмеккөрsetiledi.
- Because I graduated from a technical university, the material base is good
- I graduated from a technical university, the material base is good here
- There are many career opportunities and participate in research work
- Ғylymiizdeniszhұmystarғaerkindik.

32. How often are master classes andclasseswith the participation of practitioners?

Often	often	Sometimes	very rarely	never
15.8	78.9	5.3		

33. How often invitees participate in the learning processfrom the sideteachers (domestic and foreign)?

Often	often	Sometimes	very rarely	never
15.8	57.9	26.3		

34. How often do you encounter the following problems in your work: (please give an answer in each line)

Questions	Often	Sometimes	Never	No answer
Lack of classrooms		5.3	94.7	
Unbalanced study load by semesters		10.5	89.5	
inaccessibilitynecessary literaturein library		15.8	84.2	
Overcrowding of study groups (too many students in the group)		26.3	73.7	
Inconvenient schedule		15.8	84.2	
Inappropriate conditions for classes in classrooms			100	
No internet access/poor internet		5.3	94.7	
Students' lack of interest in learning		31.6	68.4	
Untimely receipt of information about events		5.3	94.7	
Lack of technical meanslearningin classrooms		21.1	78.9	
Other problems	No Everything is fine No problem There are no problems in the educational process, at least I personally did not encounter it. barizhaksy Yeshkandaymaselezhoq Eshқandaimәseleәzirgebolmady eshkandai			

	Falymdardyқaytadayyndaukezindememlekettikkomekkorsetilse

35. There are many different sides and aspects in the life of the university, which in one way or another affect every teacher and employee. Rate how satisfied you are:

Questions	Completely satisfied (1)	Partially satisfied (2)	Not satisfied (3)	Difficult to answer (4)
The attitude of the university management towards you	94.7			5.3
Relationships with direct management	100			
Relationships with colleagues in the department	89.5	5.3	5.3	
The degree of participation in managerial decision-making	78.9	21.1		
Relations with students	100			
Recognition of your successes and achievements by the administration	89.5	10.5		
Support for your suggestions and comments	84.2	15.8		
University administration activities	89.5	10.5		
Terms of pay	52.6	42.1		5.3
Working conditions, list and quality of services provided at the university	84.2	15.8		
Occupational health and safety	84.2	15.8		
Management of changes in the activities of the university	89.5	10.5		
By providingsocial package: rest, sanatorium treatment, etc.	68.4	31.6		
Organization and quality of food at the university	84.2	10.5		5.3
Organization and quality of medical care	78.9	21.1		

Annex 4. RESULTS OF STUDENT QUESTIONNAIRE

Results of anonymous survey of students

Total number of profiles: 57

Floor:

Male	47.4
Female	52.6

Rate how satisfied you are:

Questions	Completely satisfied	Partially satisfied	Partially dissatisfied	Not satisfied	I'm at a loss answer
1. Relations with the dean's office(school, faculty, department)	77.2	19.3	3.5		
2. The level of accessibility of the dean's office(schools, faculties, departments)	77.2	19.3	1.8		1.8
3. Management accessibility and responsiveness(university, school, faculty, department)	80.7	14	3.5		1.8
4. Availability of academic counseling	77.2	17.5	3.5		1.8
5. Support with educational materials in the learning process	73.7	21.1	3.5		1.8
6. Availability of personal counseling	68.4	22.8	3.5		5.3
7. Relationship between student and teacher	87.7	8.8	1.8		1.8
8. The activities of the financial and administrative services of the educational institution	64.9	28.1	3.5		3.5
9. Availability of health services	71.9	21.1	1.8		5.3
10. qualitymedical care at the university	68.4	24.6	1.8		5.3
eleven. The level of availability of library resources	82.5	10.5	1.8		5.3
12. The quality of services provided in libraries and reading rooms	84.2	8.8	1.8		5.3
13. Existing educational resources of the university	80.7	15.8	1.8		1.8
14. Availability of computer classes	80.7	15.8	1.8		1.8
15. Availability and quality of Internet resources	77.2	15.8	3.5	1.8	1.8
16. The content and information content of the website of educational organizations in general and faculties (schools) in particular	75.4	21.1	1.8		1.8
17. Study rooms, auditoriums for large groups	82.5	12.3	3.5		1.8
18. Lounges for students (if available)	59.6	19.3	3.5	1.8	15.8
19. Clarity of disciplinary procedures	73.7	17.5	1.8		7
20. The quality of the educational program as a whole	77.2	17.5	1.8		3.5
21. The quality of study programs in the EP	75.4	15.8	3.5		5.3
22. Teaching methods in general	71.9	21.1	5.3		1.8
23. Quick response to feedback from teachers on the educational process	86	10.5	1.8		1.8

24. Overall quality of teaching	78.9	15.8	1.8		3.5
25. Academic load / requirements for the student	84.2	12.3	1.8		1.8
26. The requirements of the teaching staff for the student	71.9	22.8	1.8		3.5
27. Information support and clarification before entering the university of the rules for admission and the strategy of the educational program (specialty)	82.5	12.3	3.5		1.8
28. Informing the requirements in order to successfully complete this educational program (specialty)	78.9	15.8	3.5		1.8
29. The quality of examination materials (tests and examination questions, etc.)	82.5	10.5	5.3		1.8
30. Objectivity in assessing knowledge, skills and other educational achievements	77.2	17.5	3.5		1.8
31. Available computer classes	78.9	17.5	1.8		1.8
32. Available scientific laboratories	64.9	28.1	1.8		5.3
33. Objectivity and fairness of teachers	80.7	14	3.5		1.8
34. Informing students about courses, educational programs and the academic degree received	78.9	15.8	3.5		1.8
35. Providing students with a hostel	63.2	21.1	3.5	3.5	8.8

How much do you agree with:

Statement	Full consent	Agree	Partially agree	Disagree	Complete disagreement	Didn't answer
36. The course program was clearly presented	56.1	28.1	15.8			
37. Course content is well structured	59.6	28.1	12.3			
38. Key terms adequately explained	61.4	22.8	15.8			
39. The material proposed by the teacher is relevant and reflects the latest achievements of science and practice	61.4	28.1	8.8	1.8		
40. The teacher uses effective teaching methods	57.9	24.6	17.5			
41. The teacher owns the material being taught	66.7	22.8	10.5			
42. The lecturer's presentation is clear	63.2	29.8	7			
43. The teacher presents the material in an interesting way	56.1	31.6	10.5	1.8		
44. Objectivity in assessing knowledge, skills and other educational achievements	61.4	29.8	8.8			
45. The timeliness of assessing the educational achievements of students	54.4	33.3	12.3			
46. The teacher meets your requirements and expectations for professional and personal development	63.2	26.3	10.5			
47. The teacher stimulates the activity of students	57.9	29.8	12.3			
48. The teacher stimulates the creative thinking of students	59.6	24.6	15.8			
49. The appearance and manner of the teacheradequate	63.2	28.1	8.8			
50. The teacher has a positive attitude towards students	64.9	24.6	10.5			
51. The system for assessing educational achievements (seminars, tests, questionnaires, etc.) reflects the content of the course	61.4	26.3	12.3			
52. Evaluation criteria used by the teacher are clear	59.6	31.6	8.8			

and accessible						
53. The teacher objectively evaluates the achievements of students	57.9	29.8	12.3			
54. The teacher speaks a professional language	61.4	26.3	12.3			
55. The organization of education provides sufficient opportunities for sports and other leisure activities.	50.9	38.6	10.5			
56. Facilities and equipment for students are safe, comfortable and modern	59.6	28.1	10.5	1.8		
57. The library is well equipped and has a sufficient fund of scientific, educational and methodical literature	61.4	28.1	10.5			
58. Equal opportunities for mastering the EP and personal development are provided to all students	66.7	24.6	8.8			

Other concerns regarding the quality of teaching:
No
No
Not available
zhok
knivereverythingfinearrange
Barizhaksy, tekeremet!!
Kolidorlargademalatynoryndyktar koyuyn kalaymyn. Suishetinboilerbolsa.
No other problems
Bilimalushylargaarnalgandemalubolmesibolganykalapedimdarizdergedivandarbolganymakalapedim
I don't mind
All universities, of course, teach at the right level, but I would completely change this education system, where life is not taught, just trying to prove to you that you will be poorly evaluated by society if you fail the training. Students are not intended to be able to study and work at the same time at a normal salary in order to provide for their meals and tuition fees. I do not blame the university for this, I blame the ministry for this, where the opinion of the students themselves does not enter at all
jacks
None