REPORT

on the results of the work of the external expert commission for the assessment for compliance with the requirements of the standards of specialised accreditation of educational programmes
6B06111 "Information Systems"
6B06112 "Computer Engineering and Software"
6B07311 "Construction"
from 23 to 25 January 2024

INDEPENDENT ACCREDITATION AND RATING AGENCY

External expert committee

Addressed to
To the Accreditation
IAAR
Accreditation Council

REPORT

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for compliance with the requirements of the standards of specialised accreditation of
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from 23 to 25 January 2024**

city of Aktobe   **25 January 2024**

(I) DESIGNATIONS AND ABBREVIATIONS

AIS - Automated Information System
AMP - Administrative and Management Personnel
AM - Academic Mobility
AC - Academic Council
AC - Academic Committee
BD - Basic Disciplines
CRS - Credit-Rating System
HE - Higher Education
SAC - State Attestation Commission
SCES - State Compulsory Education Standard
DE - Distance Education
DLT - Distance Learning Technologies
SL - Stakeholders
IIT - Interactive Information Terminal
ICT - Information and Communication Technologies
IC - Individual Curriculum
CYA - Committee on Youth Affairs
KRU - Kazakh-Russian International University
CLT - Credit Learning Technology
CED - Catalog of Elective Disciplines
EC - Elective Component
MES RK - Ministry of Education and Science of the Republic of Kazakhstan
MEP - Modular Educational Programs
MEP - Modular Educational Plan
IC - International Cooperation
MTB - Material and Technical Base
MTIR - Material, Technical and Information Resources
MTS - Material and Technical Support
R&D - Research and Development Activities
R&DD - Research and Development and Experimental Design Work
RW - Research Work
RWMS - Research Work of Master's Students
RWS - Research Work of Students
RW - Research Work of Students
NLP - Neuro-Linguistic Programming
SMC - Scientific and Methodological Electronic Center for Teaching Management
NQS - National Qualification System
NQF - National Qualifications Framework
GED - General Education Disciplines
EP - Educational Program
MC - Mandatory Component
PD - Profile Disciplines
PDE - Presentation and Demonstration Equipment
SW - Software
PE - Postgraduate Education
AS - Academic Staff
PhD - Doctor/PhD in Philosophy
LO - Learning Outcomes

WC - Working Curriculum
RK - Republic of Kazakhstan
WR - Working Regulations
WS - Working Syllabus
CYS - Council of Young Scientists
SSS - Student Scientific Society
IWS - Independent Work of the Student
IWST - Independent Work of the Student with the Teacher
SC - Standard Curriculum
SS - Standard Syllabus
EMCD - Educational and Methodological Complex of the Discipline
EMW - Educational and Methodological Work
C - Curriculum
AC - Academic Council
EL - Electronic Library
ED - Elective Disciplines

(II) INTRODUCTION

In accordance with the order № 3-24-OD from 4.01.2024 of the Director General of the Independent Accreditation and Rating Agency from 23 to 25 January 2023 the external expert commission assessed the compliance of educational programmes 6B06111 "Information Systems", 6B06112 "Computer Science and Software", 6B07311 "Construction" of Kazakh-Russian International University (Aktobe) with the standards of specialized accreditation of educational programmes of higher and postgraduate education organizations of the IAAR (№57-20-OD from 16 June 2020).

The report of the External Expert Commission (EEC) contains the assessment of the submitted educational programmes to the criteria of the IAAR standards, recommendations of the EEC on further improvement of educational programmes and parameters of the profile of educational programmes.

Composition of the EEC:

Chairperson of the EEC - Karuna Oksana Leonidovna, PhD, Associate Professor, International University of Engineering and Technology (Almaty);

IAAR Expert - Mehriban Babakhanova (Babaxanova Mehriban Eldar qızı), PhD in Law, Associate Professor, Azerbaijan University of Languages, nominated by the Agency for Quality Assurance in Education (TKTA) (Baku, Azerbaijan Republic);

IAAR Expert - Ismailova Aisulu Abzhapparovna, PhD, Associate Professor of "Kazakh Agrotechnical Research University named after S. S. Gubkin" NAO, nominated by the Agency for Quality Assurance in Education (TKTA, Baku, Azerbaijan Republic). C. Seifullin" (Astana);

IAAR Expert - Dilnara Ikramkhanova Zakirova, PhD, Research Professor, Turan University (Almaty);

IAAR Expert - Natalia Ryvkina, L.N.Gumilev Eurasian National University (Almaty). L.N.Gumilev Eurasian National University (Astana);

IAAR Expert, employer - Said Tolegenovich Alimbayev, Deputy Director of the Department for Competition Development and Tariff Setting of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" (Astana);

IAAR expert, student - Mukhamedjan Alisher Sabyrzhanuly, 3rd year student of EP 6B07329 "Design of Buildings and Structures" of L.N. Gumilev ENU (Astana);

IAAR Expert, student - Mamyraim Ulan, 2nd year Master's student of Jurisprudence at Kenzhegali Sagadiev University of International Business (Almaty);

IAAR EEC Coordinator - Bekenova Dinara Kairbekovna, IAAR Project Manager (Astana).

(III) REPRESENTATION OF THE EDUCATIONAL ORGANIZATION

KRIU holds a State License for Educational Activities No. AB 0142754 dated February 27, 2012, with an unlimited validity period. It also has a Certificate of State Registration (BIN 980640003395, registration number 296-1904-01 LLP) for the right to carry out activities in accordance with its constituent documents within the framework of the legislation of the Republic of Kazakhstan dated December 30, 2011.

Kazakh-Russian International University is the first international non-state university in the western region of Kazakhstan. In 2024, KRIU celebrates its 30th anniversary. The University was founded in 1994 under the leadership of Prof. Temerkhan Baybosynovich Berdimuratov, a successful educational leader. At first the organization was formed as Aktobe branch of the

International Institute of Business and Law (1994-1996), then - Aktobe branch of the International University in Moscow (1996-1998), Aktobe Institute of Management, Business and Law "NUR" (1998-2000). In the early 90s of the last century, training of qualified specialists in the field of economics, business and law was possible only in major metropolitan universities. Opening of Aktobe Institute of Management, Business and Law "NUR" in the regional center was not only a major event of the region, but also a reflection of the history of economic development of Aktobe region. Today the university provides an opportunity for young people of Aktobe region to get economic and legal education. KRIU co-operates with many partner universities universities (https://www.instagram.com/p/cpcfn2ijitc/?igsh=mwrtmtq1azj3yzc3nw==).

KRIU operates in accordance with the regulatory and legal acts of the Republic of Kazakhstan in the field of higher education.

- Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education" (as amended and supplemented on September 10, 2023);
- Law of the Republic of Kazakhstan dated December 27, 2019 No. 293-VI "On the Status of a Teacher" (July 1, 2023);
- Law "On Science" with amendments dated November 24, 2021 No. 75-VII ZRK;
- Guide to the Use of the European Credit Transfer and Accumulation System (ECTS) 2015, Standards and Guidelines for Quality Assurance in Higher Education in the European Higher Education Area (ESG), (May 14-15, 2015 in Yerevan);
- Rules for the Organization of the Educational Process Using Credit Technology, Order of the MES RK dated October 12, 2018, No. 563;
- Qualification Requirements for Licensing Educational Activities, Order of the MES RK No. 391 dated June 17, 2015 (as amended and supplemented);
- Rules for Conducting External Assessment of Educational Achievements, Order of the MES RK No. 94 dated January 28, 2016;
- State Compulsory Standard of Higher Education, Order of the MES RK No. 2 dated July 22, 2022;
- Rules for the Organization of Dual Education, Order of the MES RK dated January 21, 2016, No. 50;
- Concept of Development of Higher Education and Science of the Republic of Kazakhstan for 2023-2029, dated March 28, 2023 No. 248;
- Development Plan of the Ministry of Science and Higher Education of the Republic of Kazakhstan for 2023-2027, dated June 12, 2023 No. 266;
- Law "On Commercialization of Results of Scientific and (or) Scientific and Technical Activities" with amendments dated November 15, 2021 No. 72-VII ZRK;
- National Development Plan of the Republic of Kazakhstan until 2025 with amendments dated February 26, 2021 No. 521 Decree of the President of the Republic of Kazakhstan.

(V) DESCRIPTION OF THE VISIT

The work of the EEC was carried out on the basis of the approved Programme of the visit of the expert commission for specialised accreditation of educational programmes.

In order to coordinate the work of the EEC, an introductory meeting in online mode was held on 22 January 2024, during which the powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of methods of expertise of the assessed EPs.

To obtain objective information about the quality of educational programmes and the whole infrastructure of the university, to clarify the content of the self-assessment reports, all the activities according to the programme of the visit were held meetings with vice-rectors of the university in the areas of activity, heads of structural units, heads of departments, implementing educational programmes, teaching staff, students, graduates, employers. A total of 84 representatives took part in the meetings (Table 1).

Table 1 - Information on staff and trainees who participated in meetings with the IAAR EEC according to the programme:

Category of participants	Quantity
Deputies	4
Heads of structural subdivisions	4
Heads of EPs	2
Teachers	22
Students	20
Graduates	14
Employers and representatives of the practice base	18
Total	**84**

During the meetings of the IAAR EEC with the university target groups, the mechanisms of university policy implementation were clarified and individual data presented in the university self-assessment report were specified.

During the visit and watching video recordings, the members of the EEC got acquainted with the state of the material and technical base, visited laboratory and training rooms, got acquainted with the practice bases.

The members of the EEC for each of the assessed EPs visited the classes of the EPs:
- 6B06111 Information Systems (Bachelor's degree);
- 6B06112 Computer Engineering and Software (Bachelor's degree);
- 6B07311 Construction (Bachelor's degree);
- 7M04103 Management (Master's degree);
- 8D04211 Law (doctoral programme)

(VI) COMPLIANCE WITH SPECIALISED ACCREDITATION STANDARDS

6.1. Standard «Management of Educational Programme»

- ✓ *The HEI should have a published quality assurance policy*
- ✓ *The quality assurance policy should reflect the relationship between research, teaching and learning*
- ✓ *The HEI should demonstrate the development of a quality assurance culture.*
- ✓ *Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including in the implementation of joint / dual-degree education programmes and academic mobility.*
- ✓ *The management of the EP provides transparency in the development of EP's development plan based on an analysis of its functioning, the actual positioning of the HEI and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.*
- ✓ *The management of the EP demonstrates the functioning of the mechanisms for the formation and regular revision of the development plan of the EP and monitoring its implementation, assessing the achievement of the training objectives, meeting the needs of students, employers and society, making decisions aimed at the continuous improvement of the EP.*
- ✓ *The management of the EP should involve representatives of stakeholder groups, including employers, students and teaching staff, in the development of EP's development plan.*
- ✓ *The management of the EP should demonstrate the individuality and uniqueness of the EP development plan, its coherence with national development priorities and the development strategy of the organisation of education.*
- ✓ *The HEI should demonstrate a clear definition of those responsible for business processes within the framework of the EP, unambiguous distribution of the duties of the staff, delineation of the functions of collegial bodies.*
- ✓ *The EP's management should ensure a transparency of the educational management system, functioning of the internal quality assurance system, including its design EP.*
- ✓ *The EP's management should ensure functioning of the internal quality assurance system, including its design, management and monitoring, making appropriate decisions.*
- ✓ *The EP's management should implement risk management.*
- ✓ *The management of the EP should ensure the participation of stakeholder representatives (employers, teaching staff, students) in the collegial management bodies of the educational programme, as well as their representativeness in making managerial decisions related to the educational programme.*
- ✓ *The HEI should demonstrate the management of innovation within the framework of the EP, including the analysis and implementation of innovative proposals.*
- ✓ *The EP's management should demonstrate evidence of openness and accessibility for students, teaching staff, employers and other stakeholders.*
- ✓ *The management of the EP confirms the completion of training in educational management programmes.*
- ✓ *The management of the EP should strive to ensure that the progress achieved since the last external quality assurance procedure is taken into account in preparing for the next procedure.*

Evidentiary part

KRIU implements strategic, tactical and operational activities in accordance with the university's regulatory and legal documents. The working regulations on academic policy and quality assurance policy are available on the university website for all users: teaching staff, employees, students, employers, stakeholders and other interested parties.

(Link: https://kriu.edu.kz/, https://kriu.edu.kz/assets/files/%D0%90%D0%BA%D0%B0%D0%B4%D0%B5%D0%BC%D0%B8%D1%87%D0%B5%D1%81%D0%BA%D0%B0%D1%8F%20%D0%BF%D0%BE%D0%BB%D0%B8%D1%82%D0%B8%D0%BA%D0%B0-2023.pdf, https://kriu.edu.kz/assets/files/%D0%9E%20%D0%BD%D0%B0%D1%81/%D0%94%D0%9F-29%20%D0%BF%D0%BE%20%D0%BE%D0%B1%D0%B5%D1%81%D0%BF%D0%B5%D1%87%D0%B5%D0%BD%D0%B8%D1%8E%20%D0%BA%D0%B0%D1%87%D0%B5%D1%81%D1%82%D0%B2%D0%B0.pdf).

KRIU's quality assurance policy is an integral part of the university's strategy and the basis for planning its educational activities. The quality assurance policy was approved by the decision of the Academic Council (Appendix 1.1 - Extract from the minutes No. 7 of February

28, 2022). The quality assurance policy is reflected in the regulatory documents of KRIU: the Charter, the academic policy of KRIU, the internal regulations, the strategic development plan and other regulatory documents of the university. All strategic documents developed in KRIU are printed in the university's printing house and distributed to all structural divisions and interested parties in accordance with the established procedure. The list of titles of internal regulatory documents of the university is presented in the approved List of Documents of the Quality Management System dated August 31, 2023.

During the reporting period, the university underwent a series of changes associated with a shift in the development strategy, which is reflected in the updated quality policy. Modifications and additions have been made to existing intra-university regulations, and new regulations on the organization of the educational process for higher and postgraduate education programs have been developed. The activities of the educational programs cluster are aligned with the mission, strategy, and overall goals of the University. All documents regulating the academic activities of the university are compiled in the collection of regulations and instructions titled "Academic Policy of KRIU," approved by the decision of the Academic Council of the university (Protocol No. 1 dated August 31, 2023). (Link: https://kriu.edu.kz/umr/normativnye-dokumenty/.)

For the real positioning of KRIU, in addition to using traditional resources, image-building activities are conducted (involving leading teachers on television, implementing a plan of activities on the policy of forming the contingent). For example, an interview on the topic "What is Ecomadeniet?" in the Egemen Kazakhstan magazine. 2023 https://egemen.kz/article/336232 -ekomadeniet-degen-ne, the week "Ahmet Baitursynov - 150 years since the birth of the teacher of the nation", appearances on television in the program "Youth", Interview "Level of environmental consciousness in society". AQTOBE TV/ АҚТӨБЕ ТЕЛЕАРНАСЫ https://youtu.be/UBeUKMas_w4?si=kU62F5SLBADTsYo8, https://www.instagram.com/p/CaMnZx6s7ZF/?igsh=MTc4MmM1YmI2Ng==, https://www.instagram.com/tv/CbK52XNjIA9/?igsh=MTc4MmM1YmI2Ng==, https://tengrinews.kz/handsomely/tilekshi-serikkalikyizyi-stala-pobeditelnitsey-konkursa-miss-503705/, https://www.instagram.com/p/CX0qFRIsGOs/?igsh=MTc4MmM1YmI2Ng==

In KRIU, there are official mechanisms for the development, approval, periodic evaluation, and monitoring of implemented educational programs https://kriu.edu.kz/umr/normativnye-dokumenty/.

In the process of developing development plans for EPs, students, staff, employers, and other interested parties participate. This process is carried out through discussions of professional competencies, expected outcomes, catalogs of elective disciplines, and the formation of individual educational trajectories by students. Development plans of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software", 6B07311 "Construction" for 2023-2027 were approved by the Chairman of the Academic Council of KRIU on 07.09.2023. Accredited EPs are developed taking into account the needs of the regional labor market, traditions, and achievements of the university's scientific and pedagogical school, in accordance with the National Qualifications Framework, professional standards, and in coordination with the Dublin Descriptors. When developing the goals and strategies for the development of EPs, an analysis of external and internal factors is carried out with wide involvement of internal and external stakeholders, such as staff, students, employers, and practice base managers. Information about the formulated EP development plan, the adoption of collegial decisions is communicated to stakeholders, employers through the KRIU website, during meetings between the rector and students, interviews with the university's management in the media, television, as well as through the placement of information on stands, brochures for applicants, career guidance materials, etc.

Development plans for accredited EPs pursue goals in the following strategic directions: Ensuring the quality training of competitive personnel, enhancing the effectiveness of scientific research and innovative projects, increasing the contribution of science to the socio-economic

development of the region, internationalization and international cooperation, ensuring the intellectual, spiritual-moral, and physical development of university students based on universal human values, infrastructure development, and university management improvement.

EP development plans are reviewed annually at meetings of issuing departments, and adjustments and changes are introduced. For example, in the 2022-2023 academic year, the development of EP 6B06111-Information Systems involved the participation of: the head of the branch of NC KTZh AO "Automation and Digitization Directorate" Gazizov R.M., BN-PROJECT LLP represented by director G.T. Sakenova, 3rd-year students Nagashybaykyzy B, Utebaev U. EP 6B07311 - "Construction" involved: the director of BatysTrekCompany LLP Ischanov A.K., Doctor of Technical Sciences of the university Baishova Isakulov B.R., and 3rd-year students Malikov T., Iztayev N. EP 6B06112-Computer Engineering and Software involved: the head of the branch of NC KTZh AO "Automation and Digitization Directorate" Gazizov R.M., BN-PROJECT LLP represented by director G.T. Sakenova, 4th-year students Amangaliev K, Naibarkhanov A. In the 2023-2024 academic year, the development of EP 6B06111-Information Systems involved: the head of the branch of NC KTZh AO "Automation and Digitization Directorate" Gazizov R.M., the director of the Aktyubinskaya Access Network department of Kazakhtelecom Jumabayev N.D., the director of DTO-D-TRIA LLP Serikbayev K.A., 4th-year students Nagashybaykyzy B, Utebaev U. EP 6B07311 - "Construction" involved: "Regional Industrial Technopark" LLP Kurmanseitova G.M. and 3rd-year students Malikov T., Isztaev N. EP 6B06112-Computer Engineering and Software involved: the director of the Aktyubinskaya Access Network department of AO "Kazakhtelecom" Zhumbayev N.D., the director of DTO-D-TRIA LLP Serikbayev K.A., 4th-year student Toymbetov A., 3rd-year student Kenzhegulov E.

The content of EP is updated taking into account the level of development in science, culture, economy, technology, and the social sphere. This procedure includes the introduction of relevant disciplines based on the recommendations of the department's faculty, stakeholders (employers), and the individual interests of students.

In order to improve the quality of education in accredited EPs, specialists from relevant industries with professional competencies corresponding to the requirements of the EP are involved. In 2021-2022 academic year in EP 6B07311 "Construction" introduced discipline "Estimating" (Minutes № 9 of the meeting of the Department of "Technical Disciplines" from 27.04.2022). In the 2022-2023 academic year, disciplines "Artificial Intelligence and Neural Networks", "Machine Learning" (at the suggestion of employer Gazizov R.M), "Information Security and Information Protection" (at the suggestion of student Utebayev U.), "Engineering Graphics" were introduced. changed to "Computer Graphics" (at the suggestion of staff), "Startup Project Modeling", "Environmental Safety and Environmental Issues". Also, in 2024, it is planned to introduce disciplines of EP 6B06112 Computer Engineering and Software "Parallel Programming", "Cybersecurity", "Cross-Platform Programming", EP 6B06111 Information Systems "Geographic Information Systems", "IT Infrastructure Virtualization", "Multidimensional Data Models".

Contracts have been concluded with the following employers for EPs: AO "Kazakhtelecom", Branch of AO "NC "KTZ Automation and Digitization Directorate", LLP "D-Tria, LLP "Trans Stroy", LLP "Batis Track Companies", LLP "Regional Industrial Technopark Aktobe", LLP "Tengri Stroy Service". To familiarize students with innovative technologies in industries and the construction sector, information technology achievements of domestic and foreign science, professional and industrial internships are provided. Contracts have been concluded with internship bases such as "STELL" LLP, "Khrom Ftorn Syre" LLP, "Alzhan 2005" LLP, "SHAT" LLP, "Turan Group Security" LLP, "KAZMEGAPROEKT-2030" LLP, the branch of NC KTZh Esipity ortalygy, "SK Aktobe Kurilys" LLP, "PK Nectar," "Interrelation Tor Istom" LLP.

To enhance the competitiveness of students in the international job market and improve international communication skills, a plan for the harmonization of KRIU has been developed and implemented [link: https://kriu.edu.kz/umr/academic-mobility/plan-po-garmonizaczii-op-KRIU-s-kazaxstanskimi-i-zarubezhnyimi-vuzami/].

To determine the level of satisfaction of internal needs at KRIU, surveys of students, teachers, and university staff are conducted every academic period. Traditionally, surveys, questionnaires using Google Forms, are used to collect relevant information in accordance with KRIU-QMS-RP-28, the Work Regulation on conducting surveys of students, graduates, and employers of KRIU (link: https://kriu.edu.kz/assets/files/Образование/Документы/РП-28.pdf).

The organization of surveys is carried out by the Monitoring Quality of Education Department. The surveys used for students include "Satisfaction of students with the results of education," "Clean session," "Teacher through the eyes of the student," "Quality of the educational process," "Satisfaction of students with the support provided by the university," "Involvement of students in research activities at the university," "Why chose KRIU," and others. Teachers undergo surveys such as "Satisfaction of university faculty with the university," "Involvement of teachers in research activities at the university" (https://kriu.edu.kz/department/np-ikt,-inzheneriya-i-inzhenernoe-delo,-standartizacziya,-sertifikacziya-i-metrologiya-(po-otraslyam)/anketirovanie-tiend/)).

EP leaders have completed management training courses in education and received corresponding certificates.

Annually, to prepare for the start of the academic year, a monitoring of available academic resources that affect the quality of the educational process is conducted, and their demand is determined. Based on the analysis, department heads and structural units submit memoranda to the university rector listing the necessary resources. To manage EPs in the context of developing a culture of quality in the university, the Regulation on Academic Integrity Policy is in place. This document establishes principles, types of violations in the educational process, rights, and responsibilities of university community members, and defines the procedure for taking measures in case of violations ([KRIU -QMS-RP-68-Working Regulation on Academic Integrity Policy.

Analytical part

During the EEC visit the experts carried out a detailed analysis on the compliance of accredited EPs with the requirements of the modern education market, effective functioning of educational programmes oriented to students and all stakeholders in the educational service, as well as the principles and methods of organisation of educational, research and educational processes.

The Commission notes that the following issues related to this standard are not fully reflected in the self-evaluation report and were not confirmed during the EEC visit.

The EP management has not fully demonstrated the level of quality culture by analysing the results of the satisfaction assessment of the internal quality assurance system in the HEI. The KRIU management has not demonstrated the mechanism of formation and regular review of the EP development plans in the regulatory documentation of the university.

The content and semantic load of the evaluation criteria of the Standard "Educational Programme Management" testifies to the presence of the measures taken by the KRIU to improve quality in various activities. However, in order to fully implement this standard, in particular, when forming the quality system, the university must correctly identify and assess possible risks and opportunities. The possession of information concerning possible risks, to which the implemented EPs are exposed, contributes to the development of measures to counteract such risks. The EP management has not fully demonstrated the application in practice of the developed procedure, correct understanding of risk management, identification of alternative plans for achieving strategic objectives in case of foreseen risks.

Not all recommendations and suggestions from the last external quality assurance procedure were taken into account by the HEI when making decisions in order to achieve progress. The monitoring of changes that have occurred since the last quality assurance procedure has not been fully performed and taken into account.

The development plans of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" were developed in accordance with the strategic priority and development goals of the HEI, nevertheless both plans are identical, the uniqueness and individuality of the plans of the mentioned educational programmes is not traced, as well as the formulation of consistency with the national development priorities is not detailed enough.

The questionnaire survey of the teaching staff conducted during the IAAR EC visit showed that the involvement of the teaching staff in the process of managerial and strategic decision-making is "very good" and "good" - 61.1 % and 38.9 % respectively.

Strengths/best practices
Not identified.

EEC recommendations for EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software", 6B07311 "Construction":
1. Annually form and publish on the HEI website the reports of all divisions on the analysis of the results of the satisfaction assessment of the internal quality assurance system in the HEI.
2. By the beginning of the 2024-2025 academic year to develop a regulation on the formation of Educational Programme Development Plans or to make appropriate changes in other regulatory documents of the HEI with specification of the order of regular review of the plan and monitoring of implementation.
3. By the beginning of the 2024-2025 academic year to organise training of the management of the university structural units, all persons involved in the development and management of educational programmes on the programmes "Risk Management" or "Risk Management Programme" for better subsequent analysis and assessment of risks in the implementation of educational programmes.
4. When drawing up the plan for the implementation of measures based on the results of external quality assessment, monitor the changes that have occurred since the last quality assurance procedure, determine specific deadlines for the implementation of planned actions.
for EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software":
5. By the end of the 2023-2024 academic year, the management of EPs to make adjustments to the development plans of EPs, clearly indicating the individuality and uniqueness.

Conclusions of the EEC on the standard "Educational Programme Management":
accredited educational programmes
6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 12 - satisfactory, 5 - suggesting improvement of positions;
EP 6B07311 "Construction" has 13 satisfactory, 4 - suggesting improvement of positions.

6.2. Standard «Information *Management and Reporting»*

✓ *The HEI should ensure the functioning of the system for collection, analysis and management of information using modern information and communication technologies and software.*
✓ *The management of the EP demonstrates the use of processed, adequate information for improvement of the internal quality assurance system.*
✓ *The management of the EP demonstrates the existence of a system of reporting that reflects the activities of all structural divisions and departments within the EP, including an assessment of their effectiveness.*

✓   *The HEI shouldestablish the periodicity, forms and methods of assessing EP management, the activities of collegial bodies and structural units, top management.*

✓   *The HEI should demonstrate a mechanism for ensuring the protection of information, including the identification of responsible persons for the reliable and timely analysis of information and data provision.*

✓   *The HEI demonstrates the involvement of students, employees and teaching staff in the processes of collection and analysis of information, as well as making decisions based on them.*

✓   *The management of the EP should demonstrate the existence of a mechanism of communication with students, employees and other stakeholders, including the existence of conflict resolution mechanisms.*

✓   *The HEI should provide a measure of the degree of satisfaction of the needs of the teaching staff, personnel and students within the EP and demonstrate evidence of addressing the deficiencies found.*

✓   *The HEI should evaluate the effectiveness and efficiency of its activities, including in the context of the EP.*

✓   *The information collected and analysed by the HEI within the EP should take into account:*

✓   *key performance indicators;*

✓   *dynamics of students population in the context of forms and types;*

✓   *level of academic achievement, student achievement and failing students rate;*

✓   *students' satisfaction with the implementation of the EP and the quality of education at the HEI;*

✓   *availability of educational resources and support systems for students;*

✓   *employment and career development of graduates.*

✓   *Students, teaching staff and other internal stakeholders must document their consent to the processing of personal data.*

✓   *The management of the EP should facilitate the provision of all necessary information in the relevant fields of science.*

Evidentiary part

The primary channels for disseminating information include the university's website, Platonus AIS, 1C: Enterprise, mass media, and social networks (the university's pages on Facebook and Instagram). In their information activities, the program management relies on the University's Strategic Development Plan, Quality Assurance Policy, and the Regulation on the official website of KRIU. The structure of information intended for publication can be viewed on the site map by following the link http://krmu.kz/karta-sajta/ . To create a modern, flexible, comprehensive automated university management system, minimizing the share of administrative and educational paper procedures, the electronic document flow "idocs.kz" has been implemented. Information is disseminated through the Platonus IS, sending information to the email addresses of students or WhatsApp messages as indicated on the website in the Call Center section (link: https://kriu.edu.kz/call-czentr/). The official KRIU account on social networks (https://www.instagram.com/KRIU_official/) contains information about news, events, and reviews. KRIU uses the YouTube video hosting platform for posting video lectures by faculty members.

According to the privacy policy, all students, staff, and faculty at KRIU documentarily confirm their consent to the processing of personal data. Students, upon enrollment in the university, and faculty, upon employment, fill out a consent form, which is stored in the personal files of each student and faculty member.

The formation of the student body is carried out by placing a state educational order for the training of scientific personnel, as well as by payment for education from the funds of citizens and other sources.

In the processes of planning further actions and collecting and analyzing information at each department, responsible faculty members and students are involved, who regularly provide data for the university's website. At the Department of Technical Disciplines, Nauryzova K.S., the head of the department, is responsible for providing information on the website. The information provided to the public is clear, precise, objective, up-to-date, and accessible https://www.instagram.com/krmu_techfak?igshid=OGQ5ZDc2ODk2ZA==.

Various monitoring tools, forums, and social networks of vice-rectors/department heads, as well as the schedule for the reception of the university's leadership, are used to obtain objective information about the university's activities. All data, days, and times of leadership

reception are posted on the first floor. Appropriate measures are taken based on the analysis of incoming questions and suggestions. The university's system of indicators and directions of activity is open to the public. There is also an opportunity to assess satisfaction with information about the university's activities by directly contacting the university's leadership through the KRIU Call Center (http://KRIU.kz/napisat-pismo/). The leadership maintains operational and effective feedback with students, employees, faculty, employers, and representatives of the public.

One of the management methods in the university is the method of involving employees in management, which involves creating collegial management bodies empowered to make decisions in specific areas of activity. In KRIU, such bodies at the university level include the Academic Council, Academic Board, Council of Young Scientists (RP-12), Scientific and Technical Council, Student Scientific Society (RP-13), and the Youth Affairs Committee. Academic committees operate at the department level.

To ensure a high-quality educational process in KRIU units, it is necessary to create a normal moral and psychological climate. For this purpose, a disciplinary commission (https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-62.pdf) (link to the disciplinary commission regulations) and a conciliation commission (CC) (https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-67.pdf) are functioning, which use various sources of information, including student surveys, a helpline, SMS messages, the university's website, the rector's email, the leadership's social networks, and statements from KRIU employees or other individuals.

After each academic period, an analysis of student achievements is conducted. This analysis determines the correct choice of EP, student achievements in participating in various scholarship programs and grants. The strengths and weaknesses of EPs, educational and methodological support, and teaching methods are analyzed. Student satisfaction with the implementation of EPs and the quality of education is assessed through surveys among students. For example, the Department of Technical Disciplines conducted surveys for the following educational programs: 6B07111 Automation and Control (bachelor's degree), 6B06112 Computer Engineering and Software (bachelor's degree), 6B06111 Information Systems (bachelor's degree), and 6B07311 Construction (bachelor's degree). 260 students participated in the survey, accounting for 71% of respondents. The survey analysis is conducted using Google Forms. The survey of students and graduates on the quality of the educational program for the 2023-2024 academic year indicates good quality, reflecting student satisfaction with the main conditions of study, technical equipment, the work of student self-government bodies, the work of sports clubs (sections), the work of student support services, the quality of the educational process, and learning outcomes.

The issue of employment for young specialists in the absence of mandatory distribution of graduates is one of the most acute and requires urgent measures for resolution. To address this problem, efforts to employ graduates need to be strengthened. The transition to a modular system of developing EPs is driven by the implementation of the principles of the Bologna Process and aims to meet the labor market's needs for highly qualified and demanded specialists. To improve the quality of education, KRIU involves employers and specialists in EP development. Close ties with production and collaboration between the university and employers are necessary for ensuring the quality of knowledge, students' education, and education in general. Information on employment is presented on the Education/Career and Practice page (http://KRIU.kz/umr/employment/), reflecting data on employment by EP (http://KRIU.kz/umr/employment/cvedeniya-o-trudoustrojstve-vyipusknikov/), on the

university's practice bases that provide students with employment opportunities upon successful completion of practice (http://KRIU.kz/umr/employment/organizacziya-professionalnoj-praktiki-v-KRIU/). The analysis of employment is carried out by the Department of Practice and Employment Assistance for Graduates of KRIU with the support of the State Corporation for Social and Pension Provision Activities. In the 2020-2021 academic year, the number of graduates was 982 people. According to the State Corporation for Social and Pension Provision as of December 2021, 875 people were employed, accounting for 89% of bachelor's degree graduates. Among them, 423 people were employed in their specialty, accounting for 48.3% of graduates, and 452 people were employed outside their specialty, accounting for 51.7%. The employment rate for graduates in 2022 was 75.36%, Information Systems - 63.64%, Computer Engineering and Software - 77.78%, Construction - 73.91%.

The university has implemented information management processes, including data collection and analysis; the volume and structure of periodically updated information corresponds to the development strategy; modernity, reliability, completeness and safety of information are ensured; collection, analysis and management of information ensures the quality of EP implementation.

Analytical part

Analysing the EP on the content and semantic load of the standard "Information Management and Reporting" on the accredited areas, the Commission notes that the university has a system of information management and reporting on student enrolment, academic performance, contingent movement, staffing, academic mobility of faculty and students, etc., which is presented in regular reports at the meetings of departments, rectorate and Academic Council of the university.

Regular questionnaires are conducted among students, employers and based on the results of their questionnaires/interviews, appropriate measures are taken to eliminate shortcomings. Information and communication technologies are used with a sufficiently high degree of efficiency. The information collected and analysed by the HEI within the framework of the EP takes into account the level of academic progress, students' achievements and expulsion, students' satisfaction with the implementation of the EP and the quality of education at the university (questionnaire survey of students), employment and career development of graduates.

However, it should be noted that there is insufficient action on the part of the university management and the EP management to determine the effectiveness and efficiency of the EP implementation.

A questionnaire survey of learners conducted during the IAAR EEC visit showed that 78.1% were completely satisfied and 21.9% were partially satisfied with the information about courses, educational programmes and academic degrees.

Strengths/best practices
Not identified.

Recommendations of the EEC

1.   The HEI management, together with the management of all HEI EPs and stakeholders, in particular with employers and graduates, by the beginning of the 2024-2025 academic year to define criteria and systematise the evaluation of EP performance and efficiency.

EEC conclusions on the standard "Information Management and Reporting": accredited educational programmes

6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 16 - satisfactory, 1 - suggestive of improvement position;

EP 6B07311 "Construction" has 16 - satisfactory, 1 - suggesting improvement.

6.3. Standard «Development and Approval of the Education Programme»

✓ *The HEI should demonstrate the existence of a documented procedure for the development of EP and its approval at the institutional level.*
✓ *HEI should demonstrate the compliance of the developed EP with the established objectives and the planned learning outcomes.*
✓ *The management of the educational programme should ensure that there are developed models of graduates of the educational programme describing learning outcomes and personal qualities.*
✓ *The management of the educational programme must demonstrate that external examinations of the educational programme have been carried out*
✓ *The qualification obtained on completion of EP shall be clearly defined, clarified and consistent with a certain level of the NSQ..*
✓ *The management of the EP should determine the impact of disciplines and professional practices on the formation of learning outcomes..*
✓ *An important factor is the possibility of students' training for professional certification..*
✓ *The management of the EP must provide evidence of the participation of students, the teaching staff and other stakeholders in the development of the EP, ensuring its quality.*
✓ *The workload of the EP should be clearly defined in Kazakhstani credits and ECTS.*
✓ *The management of the EP should ensure that the content of the academic disciplines and learning outcomes correspond to each other and to the level of education (bachelor's, master's, doctoral).*
✓ *The structure of the EP should provide for different types of activities corresponding to the learning outcomes.*
✓ *An important factor is the existence of a double-degree EP and / or joint EP with foreign educational organisations.*

Evidentiary part

Educational programs 6B06111-"Information Systems," 6B06112 "Computer Engineering and Software," 6B07311-"Construction" are developed in accordance with scientific, theoretical, and practice-oriented requirements for professional and social competencies. The implementation of educational programs aims to shape the professional competence of future graduates in line with the bachelor's qualification framework that meets the needs of the labor market.

The development and discussion of educational programs (EP) are carried out by the working group at the graduating department, which recommends the EP for examination. After the examination, the ОП is recommended to the Academic Council of the University for consideration and approval. Subsequently, the EP is recommended to the Scientific Council for final approval. The quality assessment of the EP is based on the analysis of curriculum, educational programs, individual study plans of students, and feedback from students and employers. The evaluation procedure of the EP is conducted annually at the end of the academic year. The results of the EP assessment are discussed at meetings of the university's collegial bodies, where decisions are made on measures to ensure the quality of education. Faculty and employers actively participate in the management and quality assurance of the EP. To ensure the preparation of competitive professionals on the global market, the university continuously improves the EP through mechanisms of internal and external evaluation of their quality. The composition of experts conducting the ОП assessment is approved by the rector's order (Appendix 3.0). Internal expertise involves experienced faculty and heads of structural units. External expertise includes invited experts and employers with the relevant qualifications. The ОП evaluation is based on compliance with the requirements of the State Educational Standards for Higher and Postgraduate Education, Professional Standards, Model Regulations of the University, Internal Quality Standards, and the curriculum. The Head of the ОП provides the experts with a compiled set of documents. Experts bear personal responsibility for the objectivity, adequacy, and completeness of the conducted expertise. The assessment results form a conclusion consisting of an expert decision. A positive decision is the basis for the approval of the ОП by the University Scientific Council. Review and update of the ОП occur once a year (at

the end of the academic year – for the next academic year) and may be prompted by changes in the State Educational Standards for Higher and Postgraduate Education, legislative framework, labor market requirements, employer requests, and the introduction of new trajectories and elective courses. The formation of the Graduate Profile aims to prepare graduates in demand in the labor market and involves defining the structure of the ОП, the content, and the sequence of studying disciplines.

The design of the ОП involves organizational and methodological work, including labor market needs analysis, defining future graduates' competencies, forming modules and crediting disciplines, providing methodological support for educational activities, and monitoring students' knowledge. The content and structure of programs are adjusted based on monitoring results. https://kriu.edu.kz/department/np-ikt,-inzheneriya-i-inzhenernoe-delo,-standartizacziya,-sertifikacziya-i-metrologiya-(po-otraslyam)/zaveduyushhaya-kafedroj-(rukovoditel-op)/.

The Model Graduate represents a set of personal qualities of a university graduate that serves as the goal of the educational system. According to the National Qualifications Framework (НРК), a bachelor's degree graduate has a level 6 qualification. The ОП provides a detailed description of the qualification that can be obtained upon completion. All МОПs comply with European, national, and industry qualification frameworks, as well as professional standards. The professional standards used in the development of accredited ОП are: Administration and Support of Web, Network Administration, Technical Support of Computer Hardware, Creation and Management of Information Technologies No. 259 dated December 24, 2019, NPP RK "Atameken," Architectural and Urban Planning Works Order No. 262 dated December 26, 2019, NPP RK "Atameken".

The analysis of goals and learning outcomes of EPs 6B07311 "Construction," 6B06112 "Computer Engineering and Software," and 6B06111 "Information Systems" is presented in the Development Plan of the EP. The heads of EPs have developed a mechanism for managing innovations, taking into account the implementation of all basic functions: forecasting, planning, stimulating, coordinating, as well as determining those responsible for the implementation of the innovation process. Employers of EP actively participated in the development: the branch of "NC KTZh" JSC Chief Computing Center, Chief Gazizov R.M., the Department of Emergency Situations of the Aktobe Region, Chief Amanbaev Margulan Topashevich, BN-PROJECT LLP represented by Director G.T. Sakenova, Aliya and Co LLP Director Baudiyarova G.K., who contributed innovative proposals. For the professional growth of students in the field of "Information Systems," which opens the door to innovative ideas and solutions shaping the future of cellular communications and information technologies, the management of "Kazakhtelecom" JSC requests to include the following disciplines in the elective catalog for the academic year 2023-2024: "Artificial Intelligence and Neural Networks," "Information Security and Data Protection".

Specialized classrooms, laboratories, etc., operate at the university. The Engineering Geodesy Research Laboratory is designed for training with modern informational and applied software. The laboratory is equipped with personal computers with installed programs used in the educational process, such as AutoCAD and KOMPAS 3D. The Research Laboratory of Construction Materials serves for studying the ESKD system, the basics of materials science, drawing, and the creation of layouts, details, projections, and graphic works. In the 2022-2023 academic year, the "3D Modeling and Robotics" laboratory was opened, and in the 2023-2024 academic year, the opening of the "Web Sites and Mobile Applications" laboratory is planned http://kriu.edu.kz/department/np-ikt,-inzheneriya-i-inzhenernoe-delo,-standartizacziya,-sertifikacziya-i-metrologiya-(po-otraslyam)/laboratorii/.

With the aim of increasing the practical orientation of students, elements of dual education have been introduced, and several disciplines are conducted using the dual method for EP 6B06111-Information Systems ("Artificial Intelligence and Neural Networks," "Electronics and Electrical Materials") based on the organization (branch of JSC "NC KTZh" "Automation

and Digitization Directorate," Gazizov R.M.), for EP 6B07311 Construction ("Economics and Management in Construction," "Building Materials," "Reinforced Concrete Structures," "Building Reconstruction Technology," "Water Supply and Sewerage") based on the "Regional Industrial Technopark" organization (schedule of dual education, dual education agreements).

The review of the EP is carried out by employers, enterprise managers, organizations, and institutions that serve as bases for professional practice and places for the subsequent employment of graduates. To determine the conditions for creating a favorable environment for the preparation of competitive specialists in the labor market, an online survey was conducted using Google Forms: https://kriu.edu.kz/umr/anketirovanie/

For the academic year 2022-2023, 34 respondents participated in the survey "Employer Satisfaction with the Quality of University Graduates' Education," including those from the programs 6B06111 "Information Systems," 6B06112 "Computer Engineering and Software" at the branch of AO "NC "KTZ" - "Automation and Digitization Directorate," and 6B07311 "Construction," SC "Aktobe-Kurylys" https://kriu.edu.kz/assets/images/%D0%90%D0%B4%D0%BC%D0%B8%D0%BD/%D0%90%D0%BD%D0%BA%D0%B5%D1%82%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%9C%D0%BE%D0%BD%D0%B8%D1%82%D0%BE%D1%80%D0%B8%D0%BD%D0%B3%20%20%D1%83%D0%B4%D0%BE%D0%B2%D0%BB%D0%B5%D1%82%D0%B2%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BE%D0%B4.%20-2022-2023%20(1).pdf

The university provides graduates with diplomas and diploma supplements in accordance with the Regulation "On the Organization of Issuing Own-Form Documents-64" https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-64.pdf

To prepare for professional certification, contracts were concluded with the Republican Scientific and Methodological Center for the Development of Technical and Vocational Education and Qualification. Students of the program 6B06112 "Computer Engineering and Software" - Zhumanov D.K., Toyymbetov A.A., Chuvary S. completed a course in the profession and qualification of "Network and System Administration Technician." Students of the program 6B06111 "Information Systems" - Utebayev U.E., Balmakhanov D.B., Madyarov A.Q., Nagashybayqyzy B., Balmukhan E.A., Zhetpisbay D.A., Zhurmanov D.E., Inerbay J.I., Ordabayev J.S., Sakaшov A.M., Pyrmagambetova M.S., Postovoy I.Yu. completed a course in the profession and obtained qualifications as "Software Developer" at the Republican Scientific and Methodological Center for the Development of Technical and Vocational Education.

In the 2023/2024 academic year, work on joint/double degree programs for the "Information Systems" and "Computer Engineering and Software" programs with OGU has begun. On January 12, 2024, a meeting was held to coordinate and discuss the RUP of accredited programs and the OGU program "Automation of Technological Processes and Productions" (Profile: Systems for Automation of Technological Processes and Productions), "Informatics and Computer Engineering" (Profile: Computer-Aided Design Systems). https://www.instagram.com/reel/C2AZrT1I4zi/?igsh=NTBidHBpbm96aXho.

Analytical part

At the same time, the Commission notes that for this standard the following issues are not fully reflected in the self-evaluation report and were not confirmed during the EEC visit. While the HEI has agreements on cooperation with foreign, including Russian universities, such as Orenburg State University (from 15.02.2023) University, Orenburg; Kyrgyz-Kazakh University (from 05.09.2022), Bishkek; Memorandum of Understanding with Nukus Mining Institute at

Navoi State Mining and Technology University (from 01. 11.11.2022; Agreement on cooperation and joint activity with Moscow Institute of Economics, Law Policy, Moscow (from 25.01.2021) development of SEPs is at the preparatory stage, joint training with them on accredited EPs was not carried out.

The Commission notes that the heads of the EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" could not demonstrate the positioning of the EP on the educational market, the validity of the evaluation criteria of these EPs for competitiveness at the regional/national/international levels.

The head of the department does not pay enough attention to the harmonisation of the EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" with similar EPs of other universities, and the activities carried out for this purpose were not demonstrated.

The Commission notes that the issue of preparation for professional certification of students of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" was raised in the previous accreditation, the information provided in the self-evaluation report was not confirmed. In the structure of the named EPs the disciplines aimed at preparing students for professional certification are not defined.

The questionnaire survey of the teaching staff, conducted during the IAAR EC visit, showed a satisfactory assessment (57.1%) of the attention of the university management to the content of the EPs. At the same time, the content of the EP "very well" meets the needs of 72.2% of the teaching staff, "well" - 27.8%.

The questionnaire survey of the students showed that 87.5% are fully satisfied with the level of responsiveness to the feedback from the teachers regarding the educational process; 12.5% are partially satisfied.

Strengths/best practices:
Not identified

EEC Recommendations:
1. For EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to organise the preparation and carrying out of professional certification of students in the profile of educational programmes.

2. By 2025-2026 to provide for the possibility of implementation of double degree programmes or joint programmes with foreign universities and strengthening the indicators of external academic mobility.

3. By the beginning of the 2024-2025 academic year, the heads of EPs 6B06111-"Information Systems", 6B06112-"Computer Science and Software" should plan and analyse the real positioning of EPs on the national and international educational market.

4. By the beginning of 2024-2025 academic year to revise the name and content of the disciplines of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software", taking into account the formed competences in accordance with the professional standards, on the basis of which these EPs were developed.

Conclusions of the EEC on the standard "Development and approval of educational programmes": accredited educational programmes

6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 9 - satisfactory, 3 - suggesting improvement of positions;

EP 6B07311 "Civil Engineering" has 11 satisfactory, 1 position suggesting improvement.

6.4 Standard «On-Going Monitoring and Periodic Review of Educational Programme»

✓ *The HEI should demonstrate the existence of a documented procedure for monitoring and periodic assessment of the EP 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 EP should consider:*

✓ *the content of the programmes in the light of the latest achievements of science and technology in a specific discipline;*

✓ *changes in the needs of society and the professional environment;*

✓ *workload, academic performance and graduation;*

✓ *the effectiveness of student assessment procedures;*

✓ *needs and satisfaction of students;*

✓ *the educational environment and support services and their compliance with the objectives of the EP.*

✓ *All stakeholders should be informed of any planned or undertaken actions in relation to the EP. All changes made to the EP shall be published.*

✓ *Support services should identify the needs of various groups of students and the degree of their satisfaction with the organisation of training, teaching, assessment, mastering the EP in general.*

Evidentiary part

The university and departments conduct monitoring and periodic evaluation of educational programs to ensure they achieve their goals and meet the needs of students and society.

Employers and students are informed about planned and implemented actions regarding the educational programs. Changes made to the educational program are communicated to stakeholders through organizing meetings, roundtable discussions, Academic Council meetings, as well as through the work of adviser-curators and university staff. For example, in November of the current year, a meeting was held as part of the Department Week, where planned changes to the educational programs 6B06111 Information Systems, 6B06112 Computer Engineering and Software, 6B07311 Construction were discussed. Link to the Department Week: https://www.instagram.com/reel/C1E601CM7ak/?igsh=cmUyNnR1Z2toMDhh.

The Quality Assurance Commission of KRIU is established by the order of the rector to ensure the compliance of KRIU's educational process with international ESG standards. The commission operates based on a documented procedure within KRIU's internal quality assurance system. The commission is formed for one academic year and regularly conducts information and explanatory work on education-related issues, informing the public about the commission's activities.

The university consistently monitors the implementation and evaluation of educational programs according to the document "RP About the Academic Committee" and the "Regulation on Monitoring the Quality of Education" (KRIU-QMS RP-82), approved by the decision of the Academic Council on 28.02.2022, protocol No. 7 (2021-2022 academic year) - (https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-82.pdf.)

The results of monitoring serve as initial data for annual improvements of educational programs, considering the labor market needs, employer requirements, and societal demands. The review of educational programs is conducted once a year. The organization of monitoring implementation is carried out by the Department of Education Quality Monitoring to ensure compliance with key indicators of the Development Plan for the period 2022-2025, approved at the meeting of the Academic Council (protocol No. 10 dated 27.05.2022) http://kriu.edu.kz/ru/ , http://kriu.edu.kz/o-nas/strategicheskoe-razvitie-krmu-na-2020-2025-uchebnyie-godyi/.

Monitoring forms include oral surveys of students, university staff, employers, and other stakeholders; surveys of students, university staff, employers, and other stakeholders; analysis of

graduate employment. To enhance the organization of the educational process and improve the quality of specialists' training, the university refines its policies and strategic goals in the field of ensuring the quality of specialist training at least once a year https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A1%D1%82%D1%80%D0%B0%D1%82%D0%B5%D0%B3%D0%B8%D1%87%D0%B5%D1%81%D0%BA%D0%B8%D0%B9%20%D0%BF%D0%BB%D0%B0%D0%BD%2023-27.pdf . http://kriu.edu.kz/o-nas/politika-v-oblasti-kachestva-krmu/

O The survey on employer satisfaction with the quality of university graduates' education is conducted with the assistance of the Department of Education Quality Monitoring. https://kriu.edu.kz/assets/images/%D0%90%D0%B4%D0%BC%D0%B8%D0%BD/%D0%90%D0%BD%D0%BA%D0%B5%D1%82%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%9C%D0%BE%D0%BD%D0%B8%D1%82%D0%BE%D1%80%D0%B8%D0%BD%D0%B3%20%20%D1%83%D0%B4%D0%BE%D0%B2%D0%BB%D0%B5%D1%82%D0%B2%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BE%D0%B4.%20-2022-2023%20(1).pdf

As the accreditation analysis shows, 76% of students are satisfied with the quality of educational programs at KRIU (Appendix 4.3 - links). The procedures for monitoring and periodic assessment are specifically regulated by internal documented information of the university's QMS: KRIU-QMS-RP-82 "Regulation on Monitoring the Quality of Education," KRIU-QMS-RP-32 "Regulation on the Development of Modular Educational Programs," KRIU-QMS-RP-17 "Regulation on the Procedure for the Development, Design, and Implementation of the Educational Program," and others http://kriu.edu.kz/umr/normativnye-dokumenty/. To assess the quality of teaching, a sociological survey "Teaching Quality Monitoring" was conducted.

KRIU actively participates in and improves its positions in the National Ranking of Universities in Kazakhstan (IAAR), ranking 13th in 2022 among 122 universities according to the international "Webometrics Ranking of World Universities" https://kriu.edu.kz/rejtingi/ .

Analytical part

The analysis of monitoring and periodic assessment procedures of educational programs is carried out based on the analysis of curriculum, catalog of elective disciplines, individual study plans of students, internal regulatory documents regulating the implementation of educational programs, their monitoring, and evaluation, protocols of collegial bodies, and department meetings.

In the course of focus group interviews, visits to departments and analysis of the provided documentation, the EEC representatives note that in practice, monitoring and periodic evaluation of the EPs does not fully take into account the effectiveness of assessment procedures for students.

According to this standard, the issues of informing stakeholders about any planned or undertaken actions in relation to the EP are not fully reflected. Informing stakeholders about changes in the content of the EP is periodic, but it should be noted that it is necessary to publish changes made to the EP for wider access to all categories of stakeholders.

Strengths/best practices:

1. Monitoring and periodic evaluation of the EP takes into account the alignment of the educational environment and support service activities with the objectives of the EP.

EEC recommendations

1. By 2024-2025 academic year, to revise the indicators of the effectiveness of the procedures of evaluation of students in the teaching and methodological complexes of disciplines accordingly to the profile.

2. By the end of the 2023-2024 academic year, expand the possibilities and ways of informing stakeholders about any planned or undertaken actions in relation to the EP.

EEC conclusions on the standard "Continuous monitoring and periodic evaluation of educational programmes": accredited educational programmes

EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 1 strong, 8 - satisfactory, 1 - suggesting improvement position;

EP 6B07311 "Construction" has 1 strong, 8 - satisfactory, 1 - suggestive of improvement position.

6.5. Standard «Student-Centered Learning, Teaching and Performance Evaluation»

- ✓ *The HEI should ensure respect and attention to the different groups of learners and their needs, providing them with flexible learning paths.*
- ✓ *The management of the EP must ensure teaching based on modern achievements of world science and practice in the field of training, the use of various modern teaching methods and assessment of learning outcomes that ensure the achievement of the EP's goals, including competencies, skills for performing scientific work at the required level*
- ✓ *The management of the EP must define the mechanisms for distributing the teaching load of students between theory and practice within the EP, ensuring the mastering of the content and achievement of EP goals by each graduate*
- ✓ *An important factor is the availability of own research in the field of methods of teaching the academic disciplines of the EP*
- ✓ *The HEI should ensure that the procedures for assessing the learning outcomes of students are consistent with the planned learning outcomes and programme objectives*
- ✓ *The HEI should ensure the consistency, transparency and objectivity of the mechanism for assessing learning outcomes of the EP. Assessment criteria and methods should be published in advance*
- ✓ *Evaluators should be proficient in modern methods of assessing learning outcomes and regularly improve their qualifications in this area*
- ✓ *The management of the EP should demonstrate the availability of a feedback system on the use of different teaching methods and the evaluation of learning outcomes*
- ✓ *The management of the EP should demonstrate support for the autonomy of students with simultaneous guidance and assistance from the teacher*
- ✓ *The management of the EP should demonstrate the existence of a procedure for responding to student complaints*

Evidentiary part

The university's academic policy is aimed at meeting the needs of various categories of students. All students receive an individual login and password and have the opportunity for unimpeded access to the university's website and portal.

Procedures that certify a student-centered approach to teaching and learning are justified by the "Quality Assurance Policy of KRIU".

The leadership of the educational program takes into account the individual characteristics of the students. An adaptation week is held for first-year students, including foreign students. Out-of-town students are provided with dormitory accommodation. The university ensures equal opportunities for all students, regardless of the language of instruction, in forming an individual educational program aimed at developing professional competencies. The choice of disciplines by each student is made with the help of an advisor. Students receive professional and academic orientation, and IUPs are developed taking into account the scientific-methodical sequence of studying disciplines by modules, additional educational programs, and principles of profitability. Educational programs are aimed at the continuous self-education of students.

The effectiveness of mechanisms determining the achievement of learning outcomes and ensuring control over the implementation of the curriculum takes into account feedback from students during the formation of satisfaction with educational needs, improvement, and development of educational programs. The Education Quality Monitoring Department conducts surveys of students and faculty in feedback mode. Например, анкета «Удовлетворенность студентов результатами обучения». For example, the survey "Satisfaction of students with the results of education" is conducted. The results of education are compiled and presented in regulatory documents. Based on the survey results with students, the quality of teaching and the approach to learning are positively evaluated. KRIU students are provided with the opportunity to freely choose practice bases.

The university provides information about innovative pedagogical technologies to faculty through courses, seminars, and master classes. Faculty members of the "Technical Disciplines" department apply modular learning, visual teaching methods, technology for developmental and personality-oriented learning, gaming technologies, information and communication technologies, problem-based learning, project-based learning, portfolio technology, and traditional teaching methods. During the implementation of innovative teaching methods, faculty members develop scientific and methodological materials, which are discussed at department meetings and presented at Academic Council meetings. Upon receiving positive reviews from reviewers and the Academic Council, the released works of faculty members are recommended for implementation in the educational process (Link: https://kriu.edu.kz/assets/files/%D0%A3%D0%9C%D0%A1/%D0%9F%D0%BB%D0%B0%D0%BD%20%D0%B2%D1%8B%D0%BF%D1%83%D1%81%D0%BA%D).

Starting from the 2021-2022 academic year, faculty members of the department have actively begun integrating the results of their own research in the field of teaching methods for accredited educational programs into the educational process. This integration takes the form of implementing diploma projects, applying STEM methods, and digital technologies. Articles, abstracts, etc., based on the research results, have been published https://kriu.edu.kz/assets/files/%D0%A3%D0%9C%D0%A1/%D0%9F%D0%BB%D0%B0%D0%BD%20%D0%B2%D1%8B%D0%BF%D1%83%D1%81%D0%BA%D0%B0%20%D0%A3%D0%9C%D0%9F%20%D0%BD%D0%B0%202023-2024.pdf

The consideration of complaints and suggestions from students at the university is regulated by internal documents: KRIU-QMS-DP-13 "Management of Educational and Organizational Processes"; all complaints are analyzed in accordance with the procedures of KRIU-QMS-DP-22 "Management of Nonconforming Products"; KRIU-QMS-DP-24 "Corrective Actions"; KRIU-QMS-DP-27 "Identification and Assessment of Risks" (Link to Google Drive). https://drive.google.com/drive/folders/1kZz8SlM8uEcx9TBlJc4vxewuKwDwNcS_

An appeal is accepted if the received exam grade does not correspond to the objective level of learning outcomes demonstrated by the student. This could be due to an incorrectly formulated exam question, the content of the question not aligning with the discipline's curriculum, or the student's answer being assessed unfairly due to a lack of qualification among members of the examination commission. Students have the right to appeal the results of intermediate and final assessments. For this purpose, an appeals commission is formed by the vice-rector during the examination session, consisting of teachers whose qualifications match the profile of the appealed disciplines. No complaints have been received for accredited educational programs.

To achieve the expected learning outcomes, assessment methods are defined. If a student does not achieve the planned learning results and program goals and does not reach the minimum passing grade, they remain for the summer semester. A student who does not achieve the transfer

grade at the end of the academic year, taking into account the results of the summer semester, remains for a repeated year of study. A student who has achieved the minimum transfer grade and is transferred to the next year of study, with academic debt, re-studies the corresponding disciplines on a fee basis and eliminates academic debts. The mechanism for assessing knowledge is reflected in the university's regulatory documents link: https://kriu.edu.kz/umr/normativnye-dokumenty . Information about the applied criteria for knowledge assessment is reflected in the syllabi (AIS "Platonus") and KRIU-QMS-RP-39 "Regulation on the Rules for Current Control of Academic Performance, Intermediate, and Final Certification of Students." Grades for current control are recorded in the attendance journal in AIS "Platonus" in accordance with the maximum score for the corresponding study week according to the syllabus. Feedback on knowledge assessment is provided through SRO and SROP in "AIS Platonus" (link: https://platonus-KRIU.kz/).

Analytical part

Analysing the EP on the content of the Standard, the Commission notes that the following issues are not fully reflected in the self-report and did not find confirmation during the visit of the EEC.

The systematic development and implementation of various forms and methods of teaching and learning, including the use of innovative methods is shown, the satisfaction of students and teaching staff with methodological innovations is monitored, however, the Commission notes that the management of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" to pay attention to the availability of their own research on the methodology of teaching disciplines within the implemented EP. In the previous accreditation procedure the above-mentioned EPs did not fully fulfil the recommendation on the development of criteria for evaluating the results of the application of their own teaching methods.

Analysing the educational and methodical documentation of the Department of "Technical Disciplines", as well as internal normative documents, the Commission notes that the issues of consistency, transparency and objectivity of the mechanism of evaluation of learning outcomes of the accredited EPs require improvement. The information about the applied criteria of knowledge assessment, reflected in the syllabuses (AIS "Platonus") and KRIU-SMK-RP-39 "Working regulation "Rules of current control of progress, intermediate and final attestation of students" is formal, types and forms of training, as well as the specifics of disciplines of accredited EPs are not taken into account.

Strengths/best practices:
Not identified

Recommendations of the EEC

1. By the beginning of the 2024-2025 academic year, to develop and publish in the teaching and methodological documentation of educational programmes the mechanisms of assessment of learning outcomes, taking into account the learning objectives, specifics of the discipline taught.

2. In the 2024-2025 academic year to organise professional development of teaching staff on modern methods of assessment of learning outcomes in order to improve the quality of assessment in the profile of educational programmes.

3. From 2024-2025 academic year, the management of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to intensify the work aimed at the development of their own research in the field of teaching methods of profile disciplines of EP: make a plan and implement.

Conclusions of the EEC on the standard "Student-centred learning, teaching and learning assessment": accredited educational programmes

EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 9 - satisfactory, 1 - suggesting improvement of positions;

EP 6B07311 "Construction" has 9 satisfactory, 1 - suggesting improvement positions.

6.6. Standard «Students»

- ✓ *The HEI should demonstrate the policy of forming students' population and ensure the transparency of its procedures. Procedures regulating the life cycle of students (from admission to completion) must be defined, approved, published.*
- ✓ *The management of the EP should provide for special adaptation and support programmes for newly enrolled and foreign students*
- ✓ *The HEI must demonstrate the compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism for recognising the results of academic mobility of students, as well as the results of additional, formal and non-formal education*
- ✓ *The HEI should provide an opportunity for external and internal mobility of students, as well as assist them in obtaining external grants for training*
- ✓ *The HEI should actively encourage students to self-education and development outside the main programme (extracurricular activities).*
- ✓ *An important factor is the availability of a support mechanism for gifted students*
- ✓ *The HEI should demonstrate a cooperation with other educational organisations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC to ensure comparable recognition of qualifications*
- ✓ *The HEI must provide students with places of practice, demonstrate the procedure for promoting employment of graduates, maintaining communication with them.*
- ✓ *The HEI must demonstrate the procedure for issuing documents to graduates confirming the acquired qualification, including the achieved learning outcomes*
- ✓ *The HEI must provide the graduates of the EP with documents confirming the acquired qualification, including the achieved learning outcomes*
- ✓ *The management of the EP must demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates*
- ✓ *An important factor is the existence of an active association / union of graduates*

Evidentiary part

Admissions of students are carried out in accordance with the "Admission Rules to KRIU" and the admission procedure is posted on the KRIU website. https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-34.pdf

All procedures for the transfer and reinstatement of students are carried out in accordance with the Academic Policy of the university. The periods of the students' life cycle are conducted in accordance with the Regulation of KRIU "Rules for Current Control, Academic Performance, Intermediate and Final Certification of Students," involving the assessment of the formation of expected learning outcomes. Current control grades are recorded in the attendance journal in AIS "Platonus" according to the syllabus content. Examination sessions for educational programs, their periods, and quantity in the academic year are determined by the approved educational plans of the programs. Annual promotional letters are prepared for prospective students; periodic surveys, open days, meetings and seminars, the reception of the university rector for personal

matters, and job fairs for student employment are conducted, inviting leaders of enterprises, firms, and companies, etc. All conditions required for prospective students are available on the

university's website (link: https://kriu.edu.kz/ru//).

The rules and mechanisms of the procedure for recognizing previous learning outcomes obtained during academic mobility are defined in RP-97 "Regulation on Internal Academic Mobility of Students, Teachers, and Staff of KRIU," RP-99 "Regulation on External Academic Mobility of Students, Teachers, and Staff of KRIU" dated August 31, 2023 (Link: https://kriu.edu.kz/ru/ https://kriu.edu.kz/umr/normativnye-dokumenty/)

Information for students and staff about academic mobility opportunities is provided through the publication of announcements, i.e., organized information on the University's website, notifications to department heads, advisors, and group curators (link: https://kriu.edu.kz/umr/academic-mobility/obyavleniya/).

Realization of the program of academic mobility of students

№	Name and code of the educational program	2020-2021 academic year		2021-2022 academic year		2022-2023 academic year		2023-2024 academic year (first half of the year)		TOTAL
		Input. training.	Exod. training.	Input. training.	Exod. training.	Input. training.	Exod. training.	Input. training.	Exod. training.	
1	6B07311 - Construction	-	-	-	-	2	4	2	2	**10**
2	6B06111- Information systems	1	1	-	2	7	3	12	-	**26**
3	6B06112 - Computer science and software	-	-	-	-	3	2	2	1	**8**
	TOTAL:	1	1	0	2	12	9	16	3	**44**

The indicators in the table show a growth dynamic over the last academic years of 2022-2023 and 2023-2024.

The procedure for recognizing qualifications of higher education, periods of study, including the recognition of informal education, and promoting academic mobility is outlined in the regulations: "On the academic mobility of students and faculty of KRIU," and "On the procedure for informal education" (https://kriu.edu.kz/umr/normativnye-dokumenty/). To implement the recognition of credits from previous educational institutions, a commission for credit transfer is formed. The recognition of education documents is carried out in accordance with the requirements of university regulations in the "Admission Rules," and "On transfer and restoration"
https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-34.pdf

1) In KRIU, conditions are created for gifted and capable students. Students are engaged in project activities. For example, students of the 302 group of the "Information Systems" specialty, Pivovarov A.S. and Kopenbaev A.A., demonstrated their developed projects

for 1st-year students of KRIU to motivate them to engage in projects:

2) 1) Project: "V.KRIU - virtual university," adapted for use on Android platforms and Personal Computers, developed on the Unity engine.

3) 2) Project: "Creating a virtual space for learning in 3D based on the Unity game development environment - V.Lessons." The supervisor of these projects is senior lecturer of the Department of Technical Disciplines, Ph.D., Kuzhagulova Zh.M.

(https://www.instagram.com/p/C1XQ5PLsmGH/?igsh=cHN3MnRjY2F4amNy).

KRIU has established a procedure for collecting, analyzing, and using relevant information for effective management of its programs and activities in accordance with the Quality Education Monitoring Regulation https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-82.pdf.

The university conducts work to adapt first-year students to university education: a guidebook has been developed, gathering necessary information about the university, library lessons, work of advisors explaining the essence of credit technology, and the curator's work in educational guidance, involving personal educational methods. The regulation KRIU-QMS-RP-16 has been developed (https://kriu.edu.kz/assets/files/Education/Documents/RP-16.pdf), and a program for the week of first-year students at KRIU.

As part of social support for students, a 4-stage tuition payment system has been introduced (August, November of the current year, February, April of the following year), along with discounts for certain categories of students. For example, according to order No. 268 dated 09.09.2021, providing a 20% discount on tuition fees for graduates and employees of KRIU for master's programs, a 30% discount for doctoral programs, a 10% discount for graduates of other universities for master's programs. Additionally, there are discounts for disabled individuals of the III group (20%), children from large families (15%), children from single-parent families (10%), children from low-income families (15%), university activists (15%), employees (20%), children of employees (10%), and for families with two or more students (15%).

The university ensures internships in accordance with the academic calendar. Before the start of the internship, the department, together with the "Career Center" - the internship and employment assistance department, identifies companies for practice and concludes tripartite agreements. For additional information, the agreements can be accessed via the Google Drive link: https://drive.google.com/drive/folders/1kZz8SlM8uEcx9TBlJc4vxewuKwDwNcS

According to the questionnaire data, students express full satisfaction with the availability of academic counselling, 68.8%; quality of student health service, 75%; availability of library resources, 81.3%; existing learning resources, 75%; overall quality of curricula, 81.3%; student-teacher relationship, 93.8%.

Analytical part

The information presented in the self-report in the context of this standard was sufficiently confirmed during the EEC visit. Admission of students is carried out according to the RP "On the rules of admission to KRIU", all procedures of transfer and reinstatement of students are carried out according to the Academic Policy of the University.

During the visit to the bases of practice "Regional Industrial Technopark" LLP and NC KTZ "Directorate of Automation and Digitalisation OFLP West" real places of industrial practice were visited. there are concluded agreements on professional practice of students.

At the same time, the external commission notes that the university uses "Working Regulations on the adaptation of freshmen and foreign students KRIU-SMK-RP-16", approved by the Academic Council of KRIU Protocol № 1 of "31" August 2021, but the conduct and organization of special adaptation and support programmes for newly enrolled and foreign

students requires improvement, not enough work is done to attract foreign students from abroad in accredited educational programmes.

The university has sufficiently organised internal academic mobility, students of the university go to the cities of Kazakhstan (Astana, Almaty, Uralsk, Kyzylorda, Semey, Turkestan, Atyrau) for training in a number of disciplines, specialisations and semester training under the academic mobility programme. However, there are no opportunities for external academic mobility of students, as well as insufficient assistance in obtaining external grants for training.

It should be noted that for the EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" the recommendation of the previous accreditation procedure on the expansion of external and internal mobility of students of the OP is fulfilled by 20%.

The external expert commission also notes that the University website functions only in Russian, all accredited Educational Programmes do not have translations into a foreign language, which is the basis for attracting foreign students, as well as establishing links with universities abroad.

Strengths/best practices
Not identified

EEC Recommendations:
1. From the 2024-2025 academic year, the heads of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" to develop documented mechanisms for identifying and supporting gifted students.

2. By the new 2024-2025 academic year to make an indicative plan (with the indication of deadlines for implementation) to attract foreign students, as well as the organisation of external academic mobility of students and assistance in obtaining external grants for training.

3. By the new 2024-2025 academic year, the heads of EPs to develop a special programme of adaptation and support for international students.

EEC conclusions on the standard "Trainees": accredited educational programmes
6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 10 - satisfactory, 2 - suggesting improvement of positions;

EP 6B07311 "Construction" has 12 - satisfactory, 0 - suggesting improvement of the position.

6.7 Standard «Teaching Staff»

✓ *The HEI should have an objective and transparent personnel policy in the context of EP, which includes hiring (including invited teaching staff), professional growth and development of staff, ensuring the professional competence of the entire staff.*
✓ *The HEI should demonstrate the conformity of the qualitative composition of the teaching staff with the established qualification requirements, the strategy of the HEI, the goals of the EP*
✓ *The management of the EP should demonstrate a change in the role of the teacher in connection with the transition to student-centered learning and teaching.*
✓ *The HEI should provide opportunities for career growth and professional development of the teaching staff, including the young teachers*
✓ *The HEI should involve in teaching specialists from relevant industries with professional competencies that meet the requirements of the EP*
✓ *The HEI should demonstrate the existence of a mechanism for motivating the professional and personal development of teaching staff*
✓ *The HEI should demonstrate the active use by the faculty of information and communication technologies in the educational process (for instance, on-line training, e-portfolio, Massive Open Online Course, etc.).*

- ✓ *The HEI must demonstrate the focus of activities on the development of academic mobility, attraction of the best foreign and domestic teachers*
- ✓ *The HEI must demonstrate the involvement of each teacher in promoting the quality culture and academic integrity at the HEI, determine the contribution of the teaching staff, including those invited, to the achievement of the EP goals*
- ✓ *An important factor is the involvement of the teaching staff in the development of the economy, education, science and culture of the region and the country.*

Evidentiary part

The personnel policy of KRIU defines the policy in the field of human resource management. It is regulated by the internal document "Working Regulations on Personnel Policy on Recruitment of Highly Qualified Personnel of KRIU-SMK-RP-14", approved by the Academic Council of KRIU, Minutes No. 1 dated "31" August 2021. The faculty composition of accredited educational programs is staffed in accordance with the legislation of the Republic of Kazakhstan and the Rules of competitive recruitment for positions of academic staff in higher education institutions [РП-14.pdf (kriu.edu.kz)](РП-14.pdf).

The selection of personnel is based on an analysis of the educational program's needs, following which a competition is announced to fill vacant positions. Successful completion of the competition and the signing of an employment contract allow the teacher to enter the staff and take on a pedagogical load equivalent to 1 full-time position.

To monitor job satisfaction, a survey of faculty members titled "Faculty Satisfaction with the University" is conducted http://195.210.46.64/plesk-site-preview/kriu.edu.kz/https/195.210.46.64/department/np-ikt,-inzheneriya-i-inzhenernoe-delo,-standartizacziya,-sertifikacziya-i-metrologiya-(po-otraslyam)/anketirovanie-tiend/

The development and publication of textbooks, educational, and methodological materials are integral parts of the teaching and research activities of faculty members, conducted based on the plans for educational and methodological work and research work of the department https://kriu.edu.kz/assets/files/%D0%A3%D0%9C%D0%A1/%D0%9F%D0%BB%D0%B0%D0%BD%20%D0%B2%D1%8B%D0%BF%D1%83%D1%81%D0%BA%D0%B0%20%D0%A3%D0%9C%D0%9F%20%D0%BD%D0%B0%202023-2024.pdf .

The university supports young faculty members by organizing various masterclasses, methodological seminars, and other events to enhance their professional level. Key issues related to the work of young faculty members are reflected in the Regulation on the "Council of Young Scientists," approved at the Academic Council (Decision No. 1 dated August 31, 2021)https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-12.pdf

When hiring faculty members, a probationary period of 3 months is established, during which the young faculty member must demonstrate teaching proficiency through exemplary classes, define their teaching methodology, etc. In the 2022-2023 academic year, a Young Teacher School was established, aiming to provide methodological assistance to young specialists in their professional adaptation, development, and improvement of an individual creative activity style. Seminars, training sessions, round tables, and masterclasses were conducted with experienced faculty members https://kriu.edu.kz/assets/files/%D0%9D%D0%B0%D1%83%D0%BA%D0%B0/%D0%A0%D0%B0%D0%B1%D0%BE%D1%87%D0%B5%D0%B5%20%D0%BF%D0%BE%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%BE%20%D1%81%D0%BE%D0%B2%D0%B5%D1%82%D0%B5%20%D0%BC%D0%BE%D0%BB%D0%BE%D0%B4%D1%8B%

Table 3- Quantitative and qualitative composition of the chair by EP.

								Employees						
Dr PhD	Academics	Professor of the HAC, Doctor of Sciences	Candidate of sciences	Senior Lecturer - Master's degree	Specialist lecturer	Master teacher	Total full-time faculty members	Dr PhD	Candidate of sciences	Senior Lecturer - Master's	Specialist lecturer	total	Staffing	Austerity, %
EP "6B06111 Information systems", "6B06112 Computer hardware and software"														
2	-	1	11	7	1		22	1	3	1	1	6	28	54,5
«6B07311 Construction»														
2	-	2	12	3	-	1	20	-	-	2	1	3	23	70,0

Table 4- Scientific publications of faculty members of the department in the context of EP

Publications: with non-zero impact factor, etc.	2020/2021	2021/2022	2022/2023
EP "6B06111 Information systems", "6B06112 Computer hardware and software"			
WoS, Scopus	6	3	-
РИНЦ	1	1	-
ККСОН	1	-	-
journals of the university and other publications of the RK	9	5	9
Patents	-	2	2
Textbooks, manuals	-	6	1
Monographs	-	-	-
Total	17	17	12
Publications: with non-zero impact factor, etc.	2020/2021	2021/2022	2022/2023
EP «6B07311 Construction»			
WoS, Scopus	-	3	1
РИНЦ	2	-	-
ККСОН	-	1	-
journals of the university and other publications of the RK	5	2	6
Patents	1	2	1
Textbooks, manuals	-	5	-
Monographs	-	-	-
Total	8	13	8

The number of full-time teaching staff on EP "6B06111-Information Systems", "6B06112-Computer Science and Software": 22 persons, including 1 doctor of sciences, 11 candidates of sciences, 9 masters, 1 specialist, that makes 54,5 % of staffing, 6 persons on part-time basis.

The number of full-time teaching staff in the EP "6B07311-Construction": 20 people, including 3 part-time, 2 doctors of sciences, 12 candidates of sciences, 4 masters, 2 internships, which is 70% of the staffing level.

Regarding the implementation of academic mobility, contracts have been concluded with partner universities (Link: https://kriu.edu.kz/umr/academic-mobility/spisok-vuzov-partnerov/).

Implementation of the program of academic mobility of teaching staff of Eps

№	Name and code of the educational program	2021-2022 academic years		2022-2023 academic years		2023-2024 academic year (first half of the year)		TOTAL
		Entry. FACULTY.	Outcome. FACULTY.	Entry. FACULTY.	Outcome. FACU	Entry. FACULTY.	Outcome. FACU	
1	6B07311 Construction	-	-	1	2	1	1	5
2	6B06111-Information Systems	1	1	1	1	1	1	6
3	6B06112 - Computer Science and Software Engineering	-	1	2	1	1	1	6
	TOTAL	1	2	4	4	3	3	17

There is a noticeable tendency towards an increase in both internal and external mobility, both within the Republic of Kazakhstan and abroad.

To establish fair and open relationships between participants in the educational process and adhere to the principles and requirements of academic integrity, the university has developed, approved, and published the "RP-68 Academic Integrity Policy" on the website (link: https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-68.pdf). Cases of plagiarism by faculty and students are regulated by the "Regulation on the Application of the Anti-Plagiarism System" (link https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-63.pdf).

The faculty of the department applies ICT and software tools in the educational process. For example, in the discipline "Engineering Geodesy," A.K. Tanibergenov utilizes automated geodetic data processing software "Totomatic – Robur," including Blender, 3DMAX, and AutoCAD.

Since October 2023, the "Silver University" has been operating within the framework of informal education at KRIU. In this initiative, KRIU faculty members, including those from the "Technical Disciplines" department, conduct sessions. For example, on November 22, 2023, Senior Lecturer Zh.M. Kuzhagulova from the Technical Disciplines department conducted a session on "Digital Competencies (MS PowerPoint Office Program).

https://www.instagram.com/p/Cy09Z5rs8Gu/?igsh=MXUwNGt0NWMzMGlwOQ,
https://www.instagram.com/p/C0I0fMTo11T/?igsh=MW9rd2xraWxkMG83cw
(http://195.210.46.64/plesk-site-preview/kriu.edu.kz/https/195.210.46.64/novosti/24-oktyabrya-2023-goda-v-stenax- kazaxsko-russkogo-mezhdunarodnogo-universiteta-proshlo-meropriyatie-v-chest-otkryitiya-serebryanogo-universiteta/).

The questionnaire survey of the teaching staff, conducted during the visit of the IAAR EEC, showed that:

- the content of the educational programme meets the scientific and professional interests and needs of the teaching staff - very good and good - 100%;

- the opportunities provided by the university for the professional development of the teaching staff - very good and good - 100 %;

- opportunities provided by the University for career development of the teaching staff - very good and good - 100 %;

- the degree of academic freedom of the teaching staff was assessed by the lecturers as very good and good - 100 %;

- to what extent the educational programme in terms of content and quality of implementation meets the expectations of the labour market and employers, the teachers rated very good and good - 97%.

Analytical part

In general, it can be concluded that the activities of the Department of "Technical Disciplines" meet the criteria of the standard for EP "6B07311 Civil Engineering". Teachers are aware of the change of their role in connection with the transition to student-centred learning. The teaching staff serving the subject "6B07311 Civil Engineering" makes a significant contribution to the implementation of the HEI development strategy.

In the course of the interview the faculty confirmed that the university has created an opportunity for career growth and professional development, active purposeful actions are taken to attract and professional development of young teachers.

At the same time, the Commission notes that the following questions regarding this standard for EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" are not fully reflected in the self-evaluation report and were not confirmed during the visit of the EEC:

- during the visit to classes, familiarisation with various documentation, material and technical base and information and methodological resources showed insufficient use of information and communication technologies and software tools in the educational process by the teaching staff of the above-mentioned EPs: there are no mass open online courses developed for the core disciplines, e-portfolio of teaching staff, which is one of the main criteria of this standard;

- The management of the above-mentioned EPs failed to demonstrate the focus of activities on the development of external academic mobility, attraction of the best foreign and domestic teachers to the EPs. Mainly short-term guest lectures were organised in the academic year 2021-2022;

- young lecturers without academic degrees and experience, as well as lecturers with academic degrees and specialisation not in the profile of the training direction are attracted to give lectures.

Strengths/best practices
Not identified

EEC recommendations:

1. By the beginning of the 2024-2025 academic year, to ensure the staffing policy for the EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to attract teaching staff in the areas of ICT, IS, VT&E.

2. By the beginning of the 2024-2025 academic year to plan and implement measures to attract the best foreign and domestic teachers on academic mobility for a period of not less than 1 semester and to conduct joint research on the profile of the EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software".

3. By the end of 2023-2024 academic year, the management of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to develop a comprehensive plan for the use of information and communication technologies and software in the educational process, including e-portfolios, MOOCs courses in the core disciplines of the EP for 3 years.

4. From 2024-2025 academic year to consider the possibility of internships of teaching staff and heads of EPs in other educational organisations implementing similar EPs.

EEC conclusions on the standard "Teaching staff": accredited educational programmes

6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 8 - satisfactory, 2 - suggesting improvement of positions;
EP 6B07311 "Construction" has 10 - satisfactory, 0 - suggesting improvement of the position.

6.8. Standard «Education Resources and Student Support Systems»

- ✓ *The HEI must ensure the compliance of educational resources, includingmaterial and technical, and infrastructure with the goals of the EP.*
- ✓ *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 EP's goals*
- ✓ *The HEI must demonstrate the compliance of information resources with the needs of the HEI and implemented EP, including in the following areas:*
- ✓ *technological support for students and teaching staff in accordance with educational programmes (for instance, online training, modeling, databases, data analysis programmes)*
- ✓ *library resources, including a fund for educational, methodological and scientific literature on general education, basic and profiling disciplines in paper and e-media, periodicals, access to scientific databases*
- ✓ *examination of the results of research, final papers, dissertation papers on plagiarism*
- ✓ *access to educational Internet resources*
- ✓ *the functioning of WI-FI in its area*
- ✓ *The HEI should demonstrate that it creates conditions for research, integration of science and education, publication of the results of research work of teaching staff, staff and students*
- ✓ *The HEI should strive to ensure that the training equipment and software used to master the EP are similar to those used in the relevant industriesof economics*
- ✓ *The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling*
- ✓ *The management of the EP must show the existence of conditions for the student's advancement along the individual educational trajectory*
- ✓ *The HEI should take into account the needs of various groups of students (adults, working, foreign students, as well as students with disabilities*
- ✓ *The HEI must ensure that the infrastructure meets security requirements*

Evidentiary part

KRIU has sufficient material and technical resources to support the educational process and implement the university's mission, goals, and objectives. The university takes measures to improve resource provision, and since 2021, electronic textbooks and educational literature are acquired annually. The library link is: http://193.193.231.21/library/ .

The university has a mechanism for assessing the development of material and technical resources and information provision through planned reports at collegial body meetings, sociological surveys on satisfaction with learning conditions https://kriu.edu.kz/umr/anketirovanie/ https://kriu.edu.kz/assets/images/%D0%90%D0%B4%D0%BC%D0%B8%D0%BD/%D0%90%D0%BD%D0%BA%D0%B5%D1%82%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%9C%D0%BE%D0%BD%D0%B8%D1%82%D0%BE%D1%80%D0%B8%D0%BD%D0%B3%20%D1%83%D0%B4%D0%BE%D0%B2%D0%BB%20%D0%BE%D0%B1%D1%83%D1%87-2022-2023.pdf

On the university campus, there are dormitories, a cafeteria, a medical center, a library, two sports halls, and a ping pong table located in the winter garden. There are volleyball and football halls for students, and all conditions are created for students with disabilities.

Table 6 - Book fund, including the fund of educational and scientific literature on general education basic and profile disciplines

№	EP	Educational literature		Scientific literature		Per learner trainee		
		(units)		(units)				
		Kazakh	Russian	Kazakh	Russian	Kazakh	Russian	total
1	"6B07311 Construction"	3165	4518	487	743	3680	5291	9816
2	"6B06111 Information Systems"	4017	8128	327	1008	4354	9130	14122
3	"6B06112 Computer Science and Software"	4869	7602	453	887	6660	6750	14505

The library provides users with access to electronic information resources, both locally and remotely via the Internet.

Access to licensed (subscription) electronic resources, including those in trial access (databases like RMEB, CB "Aknurpress," Paragraph, the database "Medicine and Healthcare" by East View, EB "Oil and Gas" (25 thousand books on various disciplines), Dissertation EB "RGB" containing over 945 thousand full-text dissertations and abstracts, "Popred.com," "Elsevier," "Aknurpress," "Thomson Reuters," and electronic library system is provided in the library's reading rooms. The full-text database currently includes a total volume of educational content for Information Systems and Computer Science and Software Engineering programs, with more than 28,627 in Kazakh, Russian (26,896), and 1,731 in foreign languages. For Construction, the content is over 9,816 in total, with 8,971 in Kazakh, 845 in Russian, and 845 in foreign languages.

The department has specialised classrooms and laboratories used for the implementation of the EP:

- 6B073111 «Construction»: "Engineering Geodesy," and "Construction Materials Research, Regional Industrial Technopark LLP, training room "Engineering Preparation of Construction Territory", training room "Construction Materials";

- 6B06111 «Information Systems», 6B06112 «Computer Science and Software Engineering»: : "Programming and Databases," "Physics, Mathematics, and Electrical Engineering," "3D Modeling and Robotics," "Web Design and Mobile Applications," "Automation and Digitization Directorate" (based on the "Kazakhstan Temir Zholy" JSC).

KRIU creates favorable conditions for students' extracurricular activities. The university provides facilities such as two dormitories for 144 beds, a dining facility, a library complex with a printing house, a student clinic, sports and football halls, an electronic cross-platform for the transformation of scientific information, an atrium for educational events, and a forum hall equipped for scientific and educational events. The museum-laboratory of ancient traditional crafts "Aqtobeniń kindigi" is also part of the university's facilities, contributing to the implementation of the "Ruhani Zhangyru" program.

The university has a debate club "Euristics". The participants of the debate club took part in more than 20 national and international debate tournaments, 42 times won prizes at tournaments of regional, national and international level. Thus, on 27 February 2022, a debate tournament was held on the basis of KRIU (Instagram krmu_official), (link: http://krmu.kz/assets/files/%
D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%
B8%D0%B5/%D0%9D%D0%BE%D1%80%D0%BC%20%D0%B4%D0%BE%D0%BA%D0
%B8/%D0%A0%D0%9F-69.pdf).

The students of the department are involved in socially useful activities and are Volunteers of the fund named after T.B. Berdimuratov, members of MK "Zhastar rukhy", youth labour detachment Zhasyl El, debate club "Eristika", student self-government, "Zhas sakshy" and one of the examples. As a debate club "Eristika" took part in more than 20 national and international debate tournaments, 42 times won prizes at tournaments of regional, national and international level. On 27 February 2022 in KRIU was held a debate tournament. Akim of Aktobe region E. Togzhanov in 2022 awarded the Kazakh-Russian International University with a diploma for participation in the volunteer movement of youth in the nomination "Volunteerlik kyzmetke koldau körsetken oқu orny" (diploma). (http://kriu.edu.kz/vospitatelna-i-soczialnaya-rabota/, http://kriu.edu.kz/vospitatelna-i-soczialnaya-rabota/normativnyie-dokumentyi/, http://kriu.edu.kz/assets/files/%D0%92%   D0%A0.pdf, https://www.instagram.com/krmu_official/).

The questionnaire survey of the students conducted during the IAAR EEC visit showed that satisfaction with:
- availability of library resources - 93.8 %;
- with the existing educational resources of the university - 93.8 %;

- availability and accessibility of computer classes and Internet resources - 95.1 %.

Analytical part
As a result of visual inspection of the material facilities by the EEC members, it should be noted that the university has enough necessary educational and material assets to ensure the educational process of accredited programmes. Auditorium and laboratory facilities, classrooms comply with the established norms and rules. At the same time, the Commission

notes that the following issues regarding this standard are not fully reflected in the self-evaluation report and were not confirmed during the EEC visit.

During the visit to the practical classes it was found out that the insufficiency of software used for mastering the EP "6B06111 Information Systems", "6B06112 Computer Science and Software", as laboratory classes are not held, excluded from the load.

Also the university should improve the technical capabilities for people with disabilities, replenish the amount of special literature on EP "6B06111 Information Systems", "6B06112 Computer Science and Software".

Strengths / Best Practices:
None identified

EEC Recommendations:
1. From 2024-2025 academic year the university management should consider the possibilities of updating the material and technical base of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" to provide the educational process with modern equipment and software used in the relevant industries.
2. To replenish the library fund of the university and to form the provision of profiling disciplines of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" with the latest textbooks and teaching aids on paper and electronic media.

***EEC conclusions on the standard "Educational resources and student support systems":
accredited educational programmes***
6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 13 - satisfactory, 0 - suggesting improvement of positions;
EP 6B07311 "Construction" has 13 - satisfactory, 0 - suggesting improvement of the position.

6.9. Standard «Public Information»

- ✓ *The information published by the HEI must be accurate, objective, relevant and reflect all areas of the HEI's activities within the EP*
- ✓ *Public information should include support and explanation of national development programmes of the country and the system of higher and postgraduateeducation*
- ✓ *HEI management should use a variety of ways to disseminate information (including media, web resources, information networks etc.) to inform the general public and stakeholders*
- ✓ *The information published by the HEI within the framework of EPshould be accurate, objective, relevant and should include:*
- ✓ *the goal and planned results of the EP, the qualification awarded*
- ✓ *information and the system of assessment of educational achievements ofstudents*
- ✓ *information about academic mobility programmes and other forms ofcooperation with partner HEIs, employers*
- ✓ *information about the opportunities for the development of personal andprofessional competencies of students and employment*
- ✓ *data reflecting the positioning of the EP in the educational services market(at the regional, national, international levels)*
- ✓ *The HEI must publish on open resources reliable information about the teaching staff, in the context of personalities*
- ✓ *The HEI should publish audited financial statement for the EP on itsown web resource*
- ✓ *The HEI should post information and links to external resources based on the results of external evaluation procedures*
- ✓ *An important factor is the placement of information on cooperation and interaction with partners, including scientific / consulting organisations, business partners, social partners and educational organisations*

Evidentiary part

Information transparency and access to necessary information and materials are also provided through: the university's website https://kriu.edu.kz/ru/ (information, photo materials, and a photo gallery), Wi-Fi, electronic resources of the library complex, the scientific journal "Vestnik KRIU," stand materials, rating materials, materials of competition commissions for areas of activity, accounting and registration documentation of university units, planned and reporting documentation of the university.

Additional sources of information include social networks (Link: https://www.instagram.com/KRIU_official?igsh=MXd1dXB1ajJqZ3hjcA==), official and unofficial media (audio, video, etc.), publications in the form of flyers, announcements, etc.; banners, brochures, printed publications, etc. One of the main sources of information for stakeholders about the activities and organization of educational programs is the social network of the Department of Technical Disciplines (https://www.instagram.com/krmu_techfak?igsh=MTd4enY2YWk2NGIwNQ==).

The analysis and monitoring of information about the university's activities are carried out through a certain procedure in the university for collecting, analyzing, and using relevant information for effective management of its programs and activities in accordance with the Regulation "Monitoring of the Quality of Education." (https://kriu.edu.kz/assets/files/%D0%9E%D0%B1%D1%80%D0%B0%D0%B7%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5/%D0%94%D0%BE%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D1%82%D1%8B/%D0%A0%D0%9F-82.pdf).

In order to enhance the university's information resources, the AIS "Platonus" is annually updated, with an expenditure of approximately 9 million tenge for the 2023-2024 academic year.

Co-working and forum halls have been established for (including online) conferences, involving the acquisition of acoustic systems, video projectors, interactive displays, web cameras, software and hardware solutions, and other ICT modernization tools maintained by a system integrator, with an expenditure exceeding 15 million tenge. Video surveillance has been implemented in university auditoriums to monitor testing, with an expenditure exceeding 100 thousand teng.

On the website, in the "About Us" section under "Financial and Economic Activities," the consolidated financial statements of the university are annually reflected: https://kriu.edu.kz/o-nas/finansovo-xozyai%CC%86stvennaya-deyatelnost/. Information about the results of internal and external independent audits is also available.

According to the results of the survey, 81.3% of students are fully satisfied with the content and information content of the website of educational organisations as a whole and faculties, 83.3% of teaching staff noted the timely receipt of information about the events.

Analytical part

However, the commission notes that the following issues regarding this standard are not fully reflected in the self-evaluation report and were not confirmed during the EEC visit.

The main source of informing the public about the activities of KRIU is the university's website (Link: http://kriu.edu.kz). The university ensures the provision of information in accordance with the Regulations on the official website of KRIU. The structure of the information posted on the website can be viewed on the site map by following the link http://kriu.edu.kz/karta-sajta/. In the website sections "Departments" (http://kriu.edu.kz/department/) there are tabs: Head of Department, Faculty Profile, Management in Education, Educational Programmes, Professional Development of Faculty,

Material and Technical Base, Achievements, Research Work of the Department, TIEND Questionnaire.

Nevertheless, the analysis of the content of the university website has allowed to establish that the information placed on http://kriu.edu.kz is not presented in full and does not reflect the results of the university activity, in particular, the profile of the teaching staff is not sufficiently elaborated, not structured in the context of the EP, it is difficult to obtain objective and up-to-date information; insufficient presence on the university website of the information about the scientific activity of the department, namely, about the implemented scientific projects within the framework of the EP, as well as there is no information about the system of evaluation of students' educational achievements in the context of the academic programme.

In the section Chairs - Technical disciplines, the educational programmes are attached in .pdf format, which makes it difficult for interested parties to get quick and accurate information about them.

Documentation of documented processes for information management, defining procedures and ensuring information protection, responsibility for their operation, reliability and systematic use of adequate information to improve the internal quality assurance system are not fully demonstrated.

Strengths/best practices
Not identified

EEC Recommendations
1. By the beginning of the 2024-2025 academic year, form the content of the university website in the state, Russian and English languages.
2. By the end of the 2023-2024 academic year, make the main information about educational programmes on the university website available to interested parties, place it in separate pages, including information about the system of evaluation of students' academic achievements.

EEC conclusions on the standard "Public Information": accredited educational programmes
6B06111 "Information Systems", 6B06112 "Computer Science and Software" have 10 - satisfactory, 2 - suggesting improvement of positions;
EP 6B07311 "Construction" has 10 - satisfactory, 2 - suggesting improvement of the position.

(VII) REVIEW OF STRENGTHS/BEST PRACTICES FOR EACH STANDARD

Standard. Management of Educational Programme:
Not identified.

Standard. Information Management and Reporting:
Not identified.

Standard. Development and Approval of the Education Programme:

Not identified.

Standard. On-Going Monitoring and Periodic Review of Educational Programme:
Monitoring and periodic evaluation of the EP considers the relevance of the educational environment and the activities of the support service to the objectives of the EP.

Standard. Student-Centered Learning, Teaching and Performance Evaluation:
Not identified.

Standard. Students:
Not identified.

Standard. Teaching Staff:
Not identified.

Standard. Education Resources and Student Support Systems:
Not identified.

Standard. Public Information:
Not identified.

(VIII) REVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD

Standard. Management of Educational Programme:

1. Annually form and publish on the HEI website the reports of all divisions on the analysis of the results of the satisfaction assessment of the internal quality assurance system in the HEI.

2. By the beginning of the 2024-2025 academic year to develop a regulation on the formation of Educational Programme Development Plans or to make appropriate changes in other regulatory documents of the HEI with specification of the order of regular review of the plan and monitoring of implementation.

3. By the beginning of the 2024-2025 academic year to organise training of the management of the university structural units, all persons involved in the development and management of educational programmes on the programmes "Risk Management" or "Risk Management Programme" for better subsequent analysis and assessment of risks in the implementation of educational programmes.

4. When drawing up the plan for the implementation of measures based on the results of external quality assessment, monitor the changes that have occurred since the last quality assurance procedure, determine specific deadlines for the implementation of planned actions.

5. By the end of the 2023-2024 academic year, the management of EPs to make adjustments to the development plans of EPs, clearly indicating the individuality and uniqueness.

Standard. Information Management and Reporting:

1. The HEI management, together with the management of all HEI EPs and stakeholders, in particular with employers and graduates, by the beginning of the 2024-2025 academic year to define criteria and systematise the evaluation of EP performance and efficiency.

Standard. Development and Approval of the Education Programme:

1. For EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to organise the preparation and carrying out of professional certification of students in the profile of educational programmes.

2. By 2025-2026 to provide for the possibility of implementation of double degree programmes or joint programmes with foreign universities and strengthening the indicators of external academic mobility.

3. By the beginning of the 2024-2025 academic year, the heads of EPs 6B06111-"Information Systems", 6B06112-"Computer Science and Software" should plan and analyse the real positioning of EPs on the national and international educational market.

4. By the beginning of 2024-2025 academic year to revise the name and content of the disciplines of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software", taking into account the formed competences in accordance with the professional standards, on the basis of which these EPs were developed.

Standard. On-Going Monitoring and Periodic Review of Educational Programme:

1. By 2024-2025 academic year, to revise the indicators of the effectiveness of the procedures of evaluation of students in the teaching and methodological complexes of disciplines accordingly to the profile.

2. By the end of the 2023-2024 academic year, expand the possibilities and ways of informing stakeholders about any planned or undertaken actions in relation to the EP.

Standard. Student-Centered Learning, Teaching and Performance Evaluation:

1. By the beginning of the 2024-2025 academic year, to develop and publish in the teaching and methodological documentation of educational programmes the mechanisms of assessment of learning outcomes, taking into account the learning objectives, specifics of the discipline taught.

2. In the 2024-2025 academic year to organise professional development of teaching staff on modern methods of assessment of learning outcomes in order to improve the quality of assessment in the profile of educational programmes.

3. From 2024-2025 academic year, the management of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to intensify the work aimed at the development of their own research in the field of teaching methods of profile disciplines of EP: make a plan and implement.

Standard. Students:

1. From the 2024-2025 academic year, the heads of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" to develop documented mechanisms for identifying and supporting gifted students.

2. By the new 2024-2025 academic year to make an indicative plan (with the indication of deadlines for implementation) to attract foreign students, as well as the organisation of external academic mobility of students and assistance in obtaining external grants for training.

3. By the new 2024-2025 academic year, the heads of EPs to develop a special programme of adaptation and support for international students.

Standard. Teaching Staff:

1. By the beginning of the 2024-2025 academic year, to ensure the staffing policy for the EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to attract teaching staff in the areas of ICT, IS, VT&E.

2. By the beginning of the 2024-2025 academic year to plan and implement measures to attract the best foreign and domestic teachers on academic mobility for a period of not less than 1 semester and to conduct joint research on the profile of the EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software".

3. By the end of 2023-2024 academic year, the management of EP 6B06111-"Information Systems", 6B06112-"Computer Science and Software" to develop a comprehensive plan for the use of information and communication technologies and software in the educational process, including e-portfolios, MOOCs courses in the core disciplines of the EP for 3 years.

4. From 2024-2025 academic year to consider the possibility of internships of teaching staff and heads of EPs in other educational organisations implementing similar EPs.

Standard. Education Resources and Student Support Systems:

1. From 2024-2025 academic year the university management should consider the possibilities of updating the material and technical base of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" to provide the educational process with modern equipment and software used in the relevant industries.

2. To replenish the library fund of the university and to form the provision of profiling disciplines of EP 6B06111 "Information Systems", 6B06112 "Computer Science and Software" with the latest textbooks and teaching aids on paper and electronic media.

Standard. Public Information:

1. By the beginning of the 2024-2025 academic year, form the content of the university website in the state, Russian and English languages.

2. By the end of the 2023-2024 academic year, make the main information about educational programmes on the university website available to interested parties, place it in separate pages, including information about the system of evaluation of students' academic achievements.

(IX) REVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE EDUCATIONAL ORGANISATION

Not available.