



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the work of the external expert evaluation commission
for compliance with the requirements of the standards of specialised
accreditation of educational programmes

6B07223 Food processing technologies (by industry)

6B07525 Standardisation and certification (by industry)

6B07220 Technology of food products (by industry)

JSC «K. KULAZHANOV KAZAKH UNIVERSITY OF TECHNOLOGY
AND BUSINESS»

between 12 and 14 March 2025.

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING

External Expert Committee

***Addressed to
Accreditation
to the IAAR board***



REPORT

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***6B07223 Food processing technologies (by industry)
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6B07220 Technology of food products (by industry)***

**JSC «K. KULAZHANOV KAZAKH UNIVERSITY OF TECHNOLOGY AND
BUSINESS»**

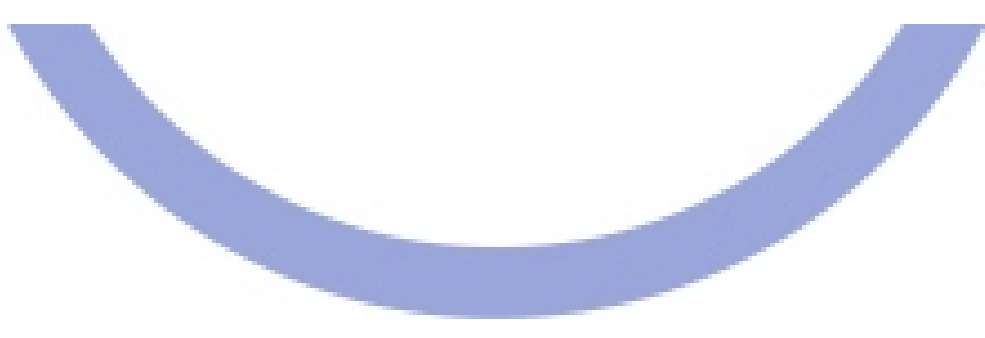
between 12 and 14 March 2025.

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(I) LIST OF NOTATIONS AND ABBREVIATIONS

AC - Academic Calendar
BD - Basic Disciplines
SAC - State Attestation Commission
SCES - State Compulsory Education Standard
UNT - Unified National Testing
EHEA - European Higher Education Area
ECTS - European Credit Transfer System
ITP - Individual Training Plan
EC - Elective Component
CT - Comprehensive Testing
CBLT - Credit-based learning technology
CED - Catalogue of Elective Disciplines
MES RK - Ministry of Education and Science of the Republic of Kazakhstan
R&D - Research and Development
SRW - Student research work
MC - Mandatory component
GED - General Education Disciplines
EP - Educational Programmes
SD - Specialised disciplines
FPTS - Faculty of professors and teaching staff
RIEL - Republican Interuniversity Electronic Library
RK - Republic of Kazakhstan
WC - Working curriculum
QMS - Quality Management System
IWS - Independent work of students
IWSUGT - Independent work of students under the guidance of a teacher
MC - Model Curriculum
TMCD - Training and Methodical Complex of Discipline
TMD - Training and Methodological Department
TMC - Training and Methodological Council



(II) INTRODUCTION

In accordance with the order № 22-25-OD from 19.02.2025 of the Independent Accreditation and Rating Agency from 12 to 14 March 2025, the external expert commission conducted an assessment of compliance of educational programmes 6B07223 Technology of processing industries (by branches), 6B07220 Technology of food products (by branches), 6B07525 Standardization and certification (by branches), JSC "Kazakh University of Technology and Business named after K. Kulazhanov. K. Kulazhanov" for compliance with the standards of specialised accreditation IAAR (from "16" June 2020 № 57-20-OD, as amended by the order № 189-23-OD from 04.12.2023, sixth edition).

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

Composition of the VEC:

1) **IAAR Commission Chairman** - Andrey Valerievich Tamyarov, PhD (technical sciences), Associate Professor, Head of Licensing, Accreditation and Education Quality Control Department, Associate Professor of the Department of Measuring and Computing Complexes, FSBEIU VO "Ulyanovsk State Technical University" (Russian Federation) *Off-line participation*

2) **IAAR Expert** - Babadjanov Davron Dadodjanovich, Vice-Rector for International Relations, Doctor of Economics, Professor, Tajik State University of Law, Business and Politics (Republic of Tajikistan) *Online participation*

3) **IAAR Expert** - Arslan Amanbaevich Ivashov, Ph.D., Associate Professor, School of Law and Public Administration, Narkhoz University (Republic of Kazakhstan) *Off-line Participation*

4) **IAAR Expert** - Natalya Ryvkina, MSc, Senior Lecturer, Department of Civil Engineering, L.N.Gumilev Eurasian National University (Republic of Kazakhstan). L.N.Gumilev Eurasian National University (Republic of Kazakhstan) *Off-line participation*

5) **IAAR Expert** - Valishina Galiya Lutfullaevna Candidate of Technical Sciences, Associate Professor, Methodological Centre Astana (Republic of Kazakhstan) *Off-line participation*

6) **IAAR Expert** - Tattibayeva Damira Bakhtiyarovna, PhD, Head of the Department "Technique and Technology of Food Production", International Engineering and Technology University (Republic of Kazakhstan) *Off-line Participation*

7) **IAAR Expert** - Nurlan Adilovich Kalganbaev, Ph. Abylaikhan (Republic of Kazakhstan) *Off-line participation*

8) **IAAR Expert** - Aliya Sagyndykova Aktymbaeva, Candidate of Geographical Sciences, Associate Professor, Department of Recreational Geography and Tourism, Al-Farabi Kazakh National University (Republic of Kazakhstan) *Off-line Participation*

9) **IAAR expert, employer** - Bekenov Yerlan Khamzenovich, Deputy Director of Orta Invest LLP, Master (Republic of Kazakhstan) *Off-line participation*

10) **IAAR expert, employer** - Madiev Temirlan Khaleluly, leading expert of the Investment Projects Support Department of the Chamber of Entrepreneurs of Almaty (Republic of Kazakhstan) *Online participation*

11) **IAAR Expert, Student** - Aruzhan Muratkyzy Tynymbayeva, Member of the Alliance of Students of Kazakhstan, L.N.Gumilev Eurasian National University (Republic of Kazakhstan). L.N.Gumilev Eurasian National University (Republic of Kazakhstan) *Off-line participation*

12) **IAAR expert, student** - Sailau Ədilet, student of the 4th year "Information Security Systems" at Al-Farabi Kazakh National University, Member of the Alliance of Students of Kazakhstan (Republic of Kazakhstan) *Online participation*

13) **IAAR Expert, Student** - Nazira Albertkyzy Akkainanova, 3rd year student of State and Local Government, Member of Kazakhstan Students' Alliance, Turan-Astana University

(Republic of Kazakhstan) *Off-line Participation*

14) **IAAR expert, student** - Dayana Ardakova Sygambekova, student of "Standardisation and Certification (by branches)", Member of Kazakhstan Students' Alliance, Abylkas Saginov Karaganda Technical University (Republic of Kazakhstan) *Online participation*

15) **IAAR expert, student** - Kamilla Takhirovna Turdiyeva, student of Tourism, Turan University, Member of the Alliance of Students of Kazakhstan (Republic of Kazakhstan) *Off-line Participation*

16) **IAAR Coordinator** - Malika Akhyadovna Saidulaeva, Project Manager, Independent Agency for Accreditation and Rating (Republic of Kazakhstan) *Off-line participation*



(III) REPRESENTATION OF THE EDUCATIONAL ORGANISATION

Training of personnel on accredited EP is carried out on the basis of the licence № KZ43LAM0000589 from 19.02.2025 for educational activity in the sphere of higher and postgraduate education, issued by the Committee on quality assurance in the sphere of education and science of the Ministry of Education and Science of the Republic of Kazakhstan.

Joint Stock Company "Kazakh University of Technology and Business" named after K. Kulazhanov was established on 12 June 2003 on the basis of the branch of Almaty University of Technology and Business in Astana. Since 2003-2004 academic year the organisation acts as an independent higher education institution, named as Akmola University of Technology and Business. On 26 March 2008 it was renamed into JSC "K. Kulazhanov Kazakh University of Technology and Business" (hereinafter JSC "K. Kulazhanov KazUTB"), which is the only specialised higher education institution in Astana and Akmola region for training of competitive personnel for food, light, petrochemical and hospitality industries.

There are 2 faculties in the structure of the university: "Technological", "Economics and Service", which includes 8 departments, as well as the college of JSC "KazUTB named after K. Kulazhanov" <https://kaztbu.edu.kz/>.

The educational process is served by the teaching staff of 227 people, including: doctors of sciences, professors - 11 people; candidates of sciences, associate professors - 66 people; PhD - 33 people, masters - 108 people, specialists - 9 people. Tenure at the university is 48.5%.

The contingent of students of KarIU for 2024-2025 academic year is 4874 people: of them: at the Faculty of Economics study on a contractual basis 1741 on grant 36; at the Faculty of Technology study on a contractual basis 2276 on grant 821.

The University has sufficient material and technical, information and library resources used to organise the process of teaching and education of students: 3 educational buildings with a total area of 24457.40 m², there are 4 computer classes, catering facility with an area of 360 m⁽²⁾, hostel with an area of 3335 m², canteen for 50 seats, there is a student hostel - "House of Students" for 680 places. 9 February 2024 at JSC "KazUTB named after K. Kulazhanov" established a military department.

The total book fund of the library as of 01.01.2025 is more than 135 thousand books in printed format and 2934 units in AIS "Platonus" in PDF format in the state, Russian and foreign languages. For the last five years the library fund has increased by 14685 copies (11 % renewal of the total book fund).

During the reporting period 1 million 461 thousand tenge grant and programme-targeted financing.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

In accordance with the order № 33-20-OD from 27.04.2020. Independent Agency for Accreditation and Rating from 25 to 27 May 2020 the external expert commission assessed the compliance of educational programmes 6B07220 - "Technology of food products (by branches)" 6B07525 - Standardisation and Certification (by branches) of JSC "Kazakh University of Technology and Business" to the standards of specialized accreditation of the IAAR (No. 10-17-OD dated 24 February 2017, fifth edition).

Composition of the previous VEC at JSC "Kazakh University of Technology and Business named after K. Kulazhanov" (2020):

1) Chairperson of the Commission - Gulvira Sovetbekovna Akybaeva, PhD, Astana IT University (Nur-Sultan);

2) Expert - Zamzagul Khamitovna Sultanova, Candidate of Economic Sciences, Acting Associate Professor, Zhangir Khan West Kazakhstan Agrarian and Technical University (Uralsk);

3) Expert - Svetlana Bakhytovna Zharkenova, PhD in Law, Associate Professor, L.N. Gumilev Eurasian National University (Nur-Sultan). L.N. Gumilev Eurasian National University (Nur-Sultan);

4) Expert - Aliya Kairatovna Aldungarova, PhD, Pavlodar State University named after S. Toraigyrov (Pavlodar; Pavlodar, Russia). S. Toraigyrov Pavlodar State University (Pavlodar);

5) Expert - Elena Abenova, Candidate of Pedagogical Sciences, Associate Professor, Narkhoz University (Almaty)

6) Expert - Shaykenova Kymbat Khamitovna, Candidate of Agricultural Sciences, Kazakh Agrotechnical University named after S. Seyfullin (Nur-Sultan);

7) Expert - Bulashev Berdibek Kabkenovich, Candidate of Chemical Sciences, Associate Professor, expert of the Department of Technical Regulation of Atameken (Nur-Sultan);

8) Expert - Kulziya Akrashevna Kalymova, PhD Candidate, L.N. Gumilev Eurasian National University (Nur-Sultan city). L.N. Gumilev Eurasian National University (Nur-Sultan);

9) Expert - Pak Dmitry Yurievich, Candidate of Technical Sciences, Associate Professor, Karaganda State Technical University (Karaganda);

10) Employer - Makasheva Zhumagul Zhamansarovna, business trainer of NPP "Atameken" (Nur-Sultan);

11) Student - Bazarbek Amre, a member of the Alliance of Students of Kazakhstan, a 4th year student of "Automation and Management", L.N. Gumilev Eurasian National University (Nur-Sultan);

12) Agency observer - Kydirmina Nurgul Alimovna, IAAR/IAAR Project Manager (Nur-Sultan).

Recommendations to the university within the previous accreditation procedure for educational programmes 6B07220 - "Technology of Food Products" (by branches), 6B07525 - "Standardisation and Certification" (by branches) (2020):

Standard "Education Programme Management"

VEC recommendations for 6B07220 - "Technology of food products" and 6B07525 - "Standardization and certification" (by branches)

- In accordance with the Development Plan of Kazakh University of Technology and Business for 2019-2023 and the Development Plan of accredited EPs for 2019-2023, to include a section describing possible risks in the implementation of accredited EPs, indicating the names of risks, possible consequences in case of failure to take and (or) timely response measures, as well as a description of risk management mechanisms and measures.

- At revision of educational programmes 6B07220 - "Technology of food products" (by branches) and 6B07525 - "Standardization and certification" (by branches), and also at their

realization to take into account and include in the content of modules the results of scientific-innovative activity of teaching staff of the department accreditation.

Standard "Information Management and Reporting"

- The supervising structural subdivision of the HEI with the management of the EP should systematically analyse the results of the questionnaire with the development of a plan of corrective actions in the context of the EP and ensuring control over their implementation, as well as taking into account the factors of external and internal environment to implement preventive and corrective actions aimed at continuous improvement of the quality of the EP.

Standard "Development and Approval of Educational Programmes"

- To analyse the content of educational programmes, to develop joint EPs with foreign educational organisations and to start targeted work on the development of joint educational programmes with partner universities.

- To the head of EP to start purposeful work on the organisation of preparation of students for professional certification on EP at the graduating department;

- In order to ensure the possibility of choice for students of P 6B07220 - "Technology of food products" (by branches) and 6B07525 - "Standardisation and certification" (by branches) to develop alternative educational trajectories to educational programmes.

On EP 6B07525 - "Standardisation and Certification" (by branches)

- It is necessary to revise the purpose of the educational programme 6B07525 - "Standardisation and Certification" (by branches) taking into account the tools of standardisation, technical regulation, metrology and accreditation in the field of conformity assessment.

Standard "Continuous monitoring and periodic evaluation of educational programmes"

- To ensure that the content of elective disciplines 6B07220 - "Technology of food products" (by branches) and 6B07525 - "Standardisation and certification" (by branches) is updated with the latest achievements of science, technology and innovations in these areas. For EP 6B07525 - "Standardisation and Certification" (by branches) within the framework of annual monitoring it is necessary to revise the name and content of the following elective disciplines: "Accreditation of certification bodies and testing laboratories", "Verification of standards and normative-technical documentation" and "Technology of development of standards and normative documents" with the reflection of the results in the minutes of the department.

Student-centred learning, teaching and assessment of learning" standard

- After the end of the semester to monitor and analyse the performance and impact of the application in the educational process of various forms and methods of teaching, own research in the field of teaching methods, as well as participation of students in research and development on the achievement of planned learning outcomes and performance of students".

The "Learners" standard

- In accordance with the University Development Plan for 2019-2023, the EP management to include indicative indicators in the Development Plan of educational programmes and in the work plans of departments and implement the items: "participation of students in the programme "external and internal academic mobility", "participation of students in competitions for external grants for training".

- The EP management should raise alumni awareness of the existence of the Association and make the Association more formal: work plan, regular alumni meetings, etc.

- In accordance with the University Development Plan for 2019-2023, the university management should include an indicative indicator in the development plans of the university and work plans of the departments and implement the item on increasing the number of students in English. The university management should carry out targeted work to ensure the conditions for learning English by target groups of students with the involvement of native speakers in the courses.

Standard "Faculty of professors and academic staff"

- In accordance with the University Development Plan for 2019-2023, the EP management to include an indicative indicator in the development plans of educational programmes and in the work plans of departments and implement the item: "participation of teaching staff in the programme "external academic mobility".

- In the work plan of the department to include indicative indicators and implement items on publications of faculty in journals with impact factor, as well as in journals included in the list of CCSON, participation of faculty in international projects and grant programmes.

Standard "Educational Resources and Student Support Systems"

- The university management should provide technological support to students and faculty with modern material, technical and information resources for the profile of the programme. To carry out identification and comprehensive analysis of resources (human, material, financial, organisational, etc.) necessary for the implementation of the EP. Use the results of the resource analysis in updating the EP development plan.

- Management to include a number of activities in the department and faculty work plan for 2020-2023 to develop and implement a plan to publish educational and methodological literature in English.

- Timely briefing of students on life safety rules with timely completion of the student safety logbook

Public Awareness Standard

- To place on the website full information about the faculty (research area, disciplines taught, work experience, main scientific works, etc.).

Standards in terms of individual specialities

- To provide teaching within the accredited EPs on the basis of modern and updated achievements of science and practice in the field of modern information technologies.

On June 9, 2020 by the decision of the Accreditation Council of the IAAR educational programmes 6B07220 - "Technology of food products" (by branches), 6B07525 - "Standardization and certification" (by branches), implemented by JSC "Kazakh University of Technology and Business named after K. Kulazhanov" was accredited for 5 years.

6B07223 Technology of processing industries (by branches):

In accordance with the order № 29-19-OD dated 20.03.2019 of the Independent Accreditation and Rating Agency from 2 to 3 May 2019, an external expert commission assessed the compliance of JSC "Kazakh University of Technology and Business" with the standards of specialised accreditation of the IAAR (from "24" February 2017 № 10-17-OD, fifth edition).

Composition of the previous EEC in JSC "Kazakh University of Technology and Business named after K. Kulazhanov" (2019):

1) Chairman of the Commission - Sultanat Sarsenbaevna Tamenova, Candidate of Economic Sciences, Associate Professor, Turan University (Almaty);

2) Foreign expert - Toshmatov Mahmud Negmatovich Toshmatov, Candidate of Economic Sciences, Professor, Technological University of Tajikistan (Dushanbe, Republic of Tajikistan);

3) Expert - Isayeva Kuralay Smetkanovna, Candidate of Technical Sciences, S. Toraigyrov Pavlodar State University (Pavlodar);

4) Expert - Murat Amanzholovich Rakhimov, Candidate of Technical Sciences, Associate Professor, Karaganda State Technical University (Karaganda);

5) Employer - Baibosynov Zharas Omirbekovich, Head of the Department of Development human capital of the Chamber of Entrepreneurs of Nur-Sultan (Nur-Sultan);

6) Student - Dilyafruz Shukhratovna Nozimova, 2nd year student of Astana University (Nur-Sultan);

7) Student - Nursaule Nurlanqyzy Zhumitova, 3rd year student of Kazakh Agrotechnical University named after S.Seyfullin (Nur-Sultan);

8) Observer from the Agency - Kydirmina Nurgul Alimovna, head of the information-analytical project of IAAR (Nur-Sultan city).

Recommendations to the university within the framework of the previous accreditation procedure for educational programmes 5B072800 "Technology of processing industries (by branches)" (2019):

According to the standard 'Managing the Education Programme:

- to provide for the possibility of developing and implementing joint educational programmes with foreign partner universities;

- specify the risk management system for accredited EPs.

According to the Information Management and Reporting Standard:

- it is recommended to place on the main page of the university website the full information about the teaching staff serving these EPs;

- Provide measurable indicators of key performance and efficiency indicators of the EP implementation.

- introduce asynchronous communication between students and teachers (offline) using distance learning technology.

According to the Standard "Development and approval of the educational programme":

- develop joint and/or double-diploma programmes with foreign universities.

- Ensure timely communication and publication of planned and undertaken actions in relation to the RPs.

According to the Standard "Continuous monitoring and periodic evaluation of educational programmes":

- on the website of KazUTB University <http://www.kazutb.kz> it is necessary to place information about the specifics of the EP - description of the levels of the EP, the purpose of the EP, the base of practices, qualifications awarded, competences formed, achievements of students, the scientific activities of faculty members of departments, data on international cooperation, contacts. The description of the EP contains only data on the requirements for admission to the EP, the form and period of study, the total number of acquired credits, the base of practices of students.

According to the Standard for Student-Centred Learning, Teaching and Assessment of Learning:

- organise their own research into teaching methods and assessment of learning outcomes.

According to the Learners Standard:

- to continue work on the development of external and internal academic mobility of students.

- Increase the role of the Alumni Association in the activities of the University.

Under the Faculty Standard:

- It is recommended to actively involve teaching staff in the implementation of the HEI development strategy through strategic sessions;

- to develop external academic mobility of faculty members.

According to the Educational Resources and Student Support Systems Standard:

- to develop measures to modernise and equip the specialised laboratories of the specialised subjects "Technology of processing industries (by branches)" and "Biotechnology" with modern laboratory equipment;

- Ensure that written works are checked for plagiarism with the creation of an intra-university database.

Under the Public Awareness Standard:

- to ensure that full information about the faculty (portfolio) is posted on the university website;

- to ensure timely informing the public about the university's activities;

- ensure that the audited financial statements are posted on the website.

Standards in the context of individual specialities:

- To provide for students on educational programmes 5B070100- "Biotechnology" and 5B072800 "Technology of processing industries (by branches)" the development of a graduate model taking into account the uniqueness of the educational programme and modern achievements of world science and practice in the field of specialisation.

On May 24, 2019 by the decision of the Accreditation Council of the IAAR the educational programme 5B072800 Technology of processing industries (by branches), implemented by JSC "Kazakh University of Technology and Business named after K. Kulazhanov" was accredited for 5 years.

To implement the recommendations, the university has developed an action plan. The results of the implementation of planned activities are reflected in the interim reports of JSC "Kazakh University of Technology and Business named after K. Kulazhanov".

Post-accreditation monitoring of the activities of JSC "Kazakh University of Technology and Business named after K. Kulazhanov" was conducted within the framework of the action plan for the implementation of the WEC recommendations and was carried out in accordance with the requirements of the Regulations on post-accreditation monitoring.

Post-accreditation monitoring of the activities of JSC "Kazakh University of Technology and Business named after K. Kulazhanov" showed that, in general, the recommendations given by the EEC are implemented, except for some recommendations.

However, the members of the EEC who conducted the reaccreditation ***from 12 to 14 March 2025 found*** that the following work had been carried out on the recommendations of the previous EEC:

- developed development plans for each accredited programme, the HEI has a procedure of development and approval of educational programmes, in each development plan the analysis of the current situation was carried out;

- The educational programmes 6B07220 - "Technology of food products (by branches)" and 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - "Standardization and certification" (by branches) are annually updated by 15-20%, all educational programmes have a passport with general characteristics and contain a section "graduate model", it should be noted that during the reporting period 6 research grant projects were implemented at the department. It should be noted that the equipment used in the research is transferred to the department to train students in the methods used in research projects.

- the university regulates the procedure of quality assessment through questionnaires of students, faculty and staff. Within the framework of educational programmes, the results of questionnaires are analysed, but there is no information on the questionnaire survey of teaching staff and employees for satisfaction.

- The Department of "Technology and Standardisation" concluded a Memorandum of Understanding with the Tashkent Institute of Chemical Technology. The work on creation of joint educational programme is carried out, at the time of the visit at the stage of coordination of the purpose and results of training.

- EP 6B07220 - "Technology of food products (by branches)" and 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - "Standardisation and certification" (by branches) were discussed at the meeting of the department with the representative of employers and students 13 dated 21 October 2024 and updated by 13, 5 and 16%.

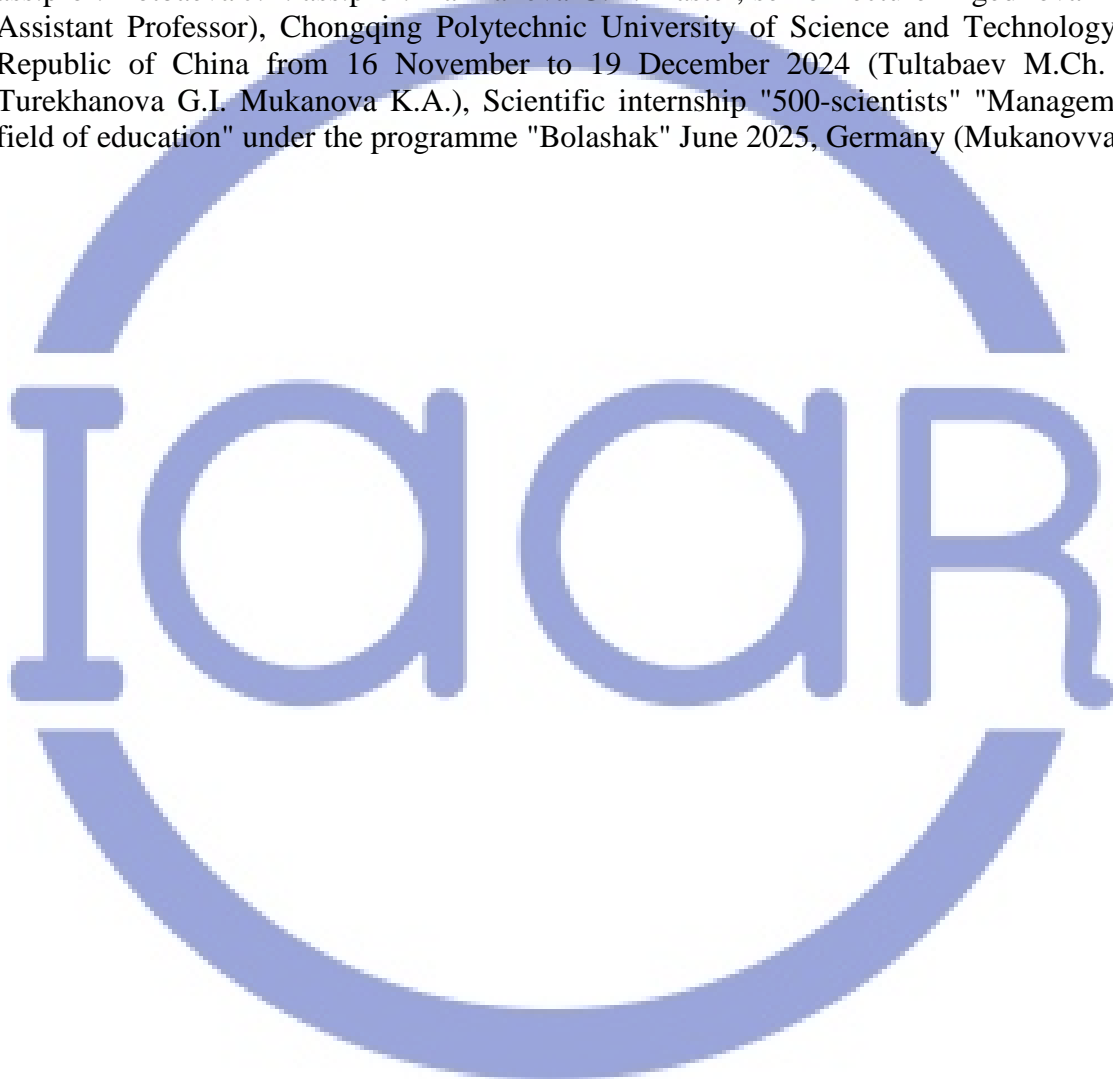
- All educational programmes have an objective, the study of the QED showed that it is updated and approved at the departmental meeting #7 dated 27 February 2024 and visualised on the university website, which indicates that the recommendations have been fully implemented.

- Monitoring of learning outcomes is done after each term, but the results were not reflected in the department minutes.

- in the self-assessment report and in the study of the orders on academic mobility it was determined that the teaching staff did not participate in academic mobility, for students - there is incoming mobility, but no outgoing mobility.

-From the visit and interview with alumni and staff, it was found that there is no alumni association.

-English language courses were not conducted among the teaching staff during the reporting period, however, a number of teachers were trained at the National Institute of Agricultural Extension Management (MANAGE), India, 17.01.2024-30.01.2024 (Akzholtaeva Sh.N. Master, Senior Lecturer Botbaeva J.T. Ass.Prof. Umyanova S.J. - Master, Senior Lecturer. Baitasova S.S. - master, senior lecturer), Study in Great Britain in the city of Reading. University of Reading Institute of Education From 02.03.2024-6.02.2025g.gg.According to the contract (Khastaeva A.A. ass.prof. Botbaeva J.T. ass.prof. Karmanova G.K. master, senior lecturer Agedilova M.T. c.h.n., Assistant Professor), Chongqing Polytechnic University of Science and Technology, People's Republic of China from 16 November to 19 December 2024 (Tultabaev M.Ch. Professor Turekhanova G.I. Mukanova K.A.), Scientific internship "500-scientists" "Management in the field of education" under the programme "Bolashak" June 2025, Germany (Mukanovva GK).



(V) DESCRIPTION OF THE VISIT

The work of the EEC was carried out on the basis of the approved Programme of visit of the expert commission for specialized accreditation of educational programmes of JSC "Kazakh University of Technology and Business named after K. Kulazhanov" in the period from 12 to 14 March 2025.

In order to coordinate the work of the EEC, on 10.03.2025 there was held an on-line introductory meeting, during which the powers were distributed among the members of the commission, the schedule of the visit was specified, and agreement was reached on the choice of methods of expertise.

To obtain objective information about the quality of educational programmes and the whole infrastructure of the university, to clarify the content of self-assessment reports, meetings with the rector, vice-rectors of the university in the areas of activity, heads of structural units, deans, heads of departments, teachers, students, graduates, employers were held. In total, __ (Table 1) took part in the meetings.

Table 1 - Information on staff and students who participated in meetings with the IAAR VEC:

Category of participants	Quantity
Rector	1
Vice-Rector's Office	4
Heads of structural divisions	15
Deans	2
Heads of departments	6
Teachers	14
Students, master's students, doctoral students	31
Graduates	2
Employers	4
Total	79

During the visual inspection members of the EEC got acquainted with the state of the material and technical base, visited the laboratories room 111 "Scientific and Production Shop", room 113 "Food Preparation Technology", room 115 "Technology of Processing Production". The classroom "Standardisation, Metrology and Certification" 205 was closed due to the UNT.

Currently, according to the information provided by the rector of the university, the rebranding procedure is underway, including updating the website, updating the fundamental documents - the Strategic Plan of the university, and creating a marketing environment.

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

VEC members visited the training sessions: Ұлттық және шетел тағамдарының технологиясы, Group ТППППрод - 221, the number of students on the list corresponded to 14 students present at the class, room 3/113, teacher Bekturganova A.A. The class was held according to the schedule, students and teacher were in white coats, cap and gloves, which provided sanitary norms in the work with food products. The theme of the class corresponded to the syllabus and the number of the week " ". Visited the class of discipline "Physical methods of food processing", Mukatova K.A., the number of students 18 lecture was held in accordance with the schedule, the topic of the syllabus.

There were no classes in the speciality of SM&S at the time of the visit, as they were not on the timetable.

According to the programme of the visit VEC on March 13, 2025 visited the base of practice of educational programmes, at the address of Astana city, Pushkin str. 73, "Celina delicatessen factory", agreement № 124 from 26.06.2024.

In accordance with the accreditation procedure, a questionnaire survey was conducted among 14 teachers, 31 students, including junior and senior students.

In order to confirm the information presented in the Self-Assessment Report, the external experts requested and analysed the working documentation of the university. At the same time, the experts studied the university's internet positioning through the official website of the university <https://www.kaztbu.edu.kz/ru>.

Within the framework of the planned programme, the recommendations on improvement of accredited educational programmes of JSC "Kazakh University of Technology and Business named after K. Kulazhanov", developed by VEC on the results of the examination, were presented at the meeting with the management on 14.03.2025.



(VI) COMPLIANCE WITH SPECIALISED ACCREDITATION STANDARDS

6.1 Standard "Education Programme Management"

- ✓ The HEI should demonstrate the development of the purpose and strategy of the EP development based on the analysis of external and internal factors with wide involvement of a variety of stakeholders.
- ✓ Quality assurance policies should reflect the link between research, teaching and learning.
- ✓ The HEI demonstrates the development of a quality assurance culture.
- ✓ The commitment to quality assurance should apply to any activities carried out by contractors and partners (outsourcing), including in the implementation of joint/dual education and academic mobility.
- ✓ The EP management ensures the transparency of the development plan of the EP based on the analysis of its functioning, the real positioning of the HEI and the orientation of its activities to meet the needs of students, the state, employers and other stakeholders.
- ✓ The EP management demonstrates the functioning of the mechanisms of formation and regular revision of the EP development plan and monitoring of its implementation, assessment of the achievement of learning objectives, compliance with the needs of students, employers and society, decision-making aimed at continuous improvement of the EP.
- ✓ The EP management should involve representatives of stakeholder groups, including employers, students and faculty in the formation of the EP development plan.
- ✓ The management of the EP should demonstrate the individuality and uniqueness of the EP development plan, its alignment with national development priorities and the development strategy of the educational organisation.
- ✓ The HEI should demonstrate a clear definition of those responsible for business processes within the EP, distribution of staff job responsibilities, delineation of functions of collegiate bodies.
- ✓ The management of the EP ensures coordination of the activities of all persons involved in the development and management of the EP and its continuous implementation, and involves all stakeholders in the process.
- ✓ The management of the EP should ensure that the management system is transparent, that the internal quality assurance system is functioning, including its design, management and monitoring, and that appropriate decisions are made.
- ✓ The management of the EP should carry out risk management.
- ✓ The EP management should ensure the participation of representatives of stakeholders (employers, faculty, students) in the collegial bodies of the educational programme management, as well as their representativeness in decision-making on the issues of the educational programme management.
- ✓ The HEI must demonstrate innovation management within the EP, including analysing and implementing innovative proposals.
- ✓ The management of the EP should demonstrate its openness and accessibility to learners, employers and other stakeholders.
- ✓ The management of the EP confirms the completion of training in educational management programmes.
- ✓ The EP management should endeavour to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.

Evidentiary part

The purpose and strategy of development of the educational programme are reflected on the university website 6B07220 - "Technology of food products (by branches)" - https://www.kaztbu.edu.kz/storage/app/media/uploaded-files/documents/Kafedra_TiS/op-6v07220-tehnologija-prodovolstvennyh-produktov-po-otrasljam-rus.pdf 6B07223 - "Technology of processing industries" - https://www.kaztbu.edu.kz/storage/app/media/uploaded-files/documents/Kafedra_TiS/op-6v07223-tehnologija-pererabatyvajushhih-proizvodstv-po-otrasljam-rus.pdf and 6B07525 - Standardisation and certification (by branches) https://www.kaztbu.edu.kz/storage/app/media/uploaded-files/documents/Kafedra_TiS/op-6v07525-standartizacija-i-sertifikacija-po-otrasljam-rus.pdf.

The university policy reflects the relationship between science and education, discussed at the meeting of the Academic Council 2024, Minutes No. 2 of 19 April and visualised on the university website. The mission, vision of the university are reflected on the university website and reflect its focus, its place in the general economic and state niche of training specialists in the field of technology, services and business.

On quality assurance in the university the internal documents of the university on quality management system ISO 9001-2016 (certificate No. KZ.Q.02.E0570.C22.018031, valid until 14.07.2025) have been adopted. The university has developed a set of documented procedures for the main components of the educational process, all documents are approved by the rector of the university, approved by the Academic Council of the university on 29 February 2024, № 7, each document contains information about the developer.

Transparency of the plan of development of accredited educational programmes in 2022-26 is ensured by visualising it on the university website. The plan reflects the analysis of the current situation, activities to achieve the plan, which is encouraging. The university provides the procedure of transparency of educational programmes development, which is reflected in the

internal document "Regulations on the order of educational programmes development", approved by the Academic Council № 7 from 29.02.2024, the plan of development of educational programmes "Regulations on the order of development of educational programme development plan and monitoring of its implementation", approved by the Academic Council № 7 from 29.02.2024.

The study of educational programmes 2024-2025 6B07220 - "Technology of food products (by branches)" and 6B07223 - "Technology of processing industries (by branches)" and the model of the graduate showed their mutual harmonisation and connection between learning outcomes, skills, matrix of achievement of results, labour functions of professional standards with the purpose of educational programmes. During the visit of the VEC of the department on March 13, educational programmes for the last three years, approved and filed in the folders of nomenclature cases were presented.

The working group for the development of educational programmes is approved at the meeting of the department, for example, on December 19, 2023, protocol No. 5, the working group for the updating of educational programmes for 2024-2025 academic year was approved. The working group of EP 6B07220 - "Technology of food products (by branches)" includes leading teachers of the department, international expert Jahangirova G.Z., Doctor of Ph.D., Bashirova J.K., development director of LLP "Nätizhe syt fabrikasy", two students Makhash A.S., Denisenko E, EP 6B07223 - "Technology of processing industries" also includes leading teachers, international expert Jahangirova G.Z., Doctor of Ph, Doctor of Ph.D., Bashirova J.K., director of development of LLP "Nätizhe syt fabrikasy", two students Madieva F.A. and Tulebekov R.E., on EP 6B07525 - Standardisation and Certification (by branches) are also included leading teachers, director of LLP "Capital management" and students of group СпС-211 Sagymbaeva D. and Sharipova A..

Analytical part

Based on the analysis of educational programme development plans reflected on the university website (for 2021-2026 years, approved at the meeting of the Academic Council on 22.10.2022, № 3) VEC notes the lack of target indicators of educational programme development in the direction 6B07220 - "Technology of food products (by branches)" is structured and contains target indicators, development plan 6B07223 - "Technology of processing industries (by branches)" contains non-measurable target indicators, which complicates the monitoring of development,

The website reflects the development plan of EP 6B07220 - "Technology of food products (by branches)" is structured and contains target indicators, development plan 6B07223 - "Technology of processing industries (by branches)", educational programmes and KED for the current 2024-2025 academic year, which reduces the degree of transparency of educational programmes, is not presented as well as the analysis of its functioning within the framework of the positioning of the university and focus on meeting the needs of students, employers and society.

The website reflects the development plan of EP 6B07525 - Standardisation and Certification (by branches)" is structured, but does not contain target indicators.

Strengths/best practices for accredited EPs:

Not identified.

VEC recommendations for EPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

1. The university management should implement equal participation of all stakeholders in the development of educational programmes, for example, by creating access to the Platonus system or the university website with user authorisation to assess the achievement of educational

programme objectives, development plan, as well as to ensure dynamic updating of educational programmes in accordance with the needs of society and economy (until 01.01.2026).

Additional recommendations for EP 6B07525 - Standardisation and Certification (by branches)".

1. to ensure participation in the development of the EP and its development plan in addition to employers of the standardisation sphere, catering technologists, technologists of meat and dairy industry, processing, bakery and confectionery industry for more accurate definition of target indicators of development and updating of the EP (until 01.09.2025).

VEC findings on criteria:

According to the standard "Management of educational programme" educational programmes 6B07220 - "Technology of food products (by branches)" 6B07223 - "Technology of processing industries (by branches)". 6B07525 - "Standardisation and certification (by branches)" are structured and contain target indicators, the development plan has 0 strong, 17 satisfactory positions.

6.2 Standard "Information Management and Reporting"

- ✓The university should ensure the functioning of the system of collection, analysis and management of information on the basis of modern information and communication technologies and software tools.
- ✓EP management demonstrates systematic use of processed, adequate information to improve the internal quality assurance system.
- ✓The EP management demonstrates the existence of a reporting system reflecting the activities of all structural subdivisions and departments within the framework of the EP, including the assessment of their performance.
- ✓The HEI should determine the frequency, forms and methods of evaluation of the EP management, activities of collegiate bodies and structural units, top management.
- ✓The HEI must demonstrate the mechanism for ensuring the protection of information, including the identification of responsible persons for the reliability and timeliness of information analysis and data provision.
- ✓The HEI demonstrates the involvement of students, employees and teaching staff in the processes of collecting and analysing information, as well as decision-making on their basis.
- ✓EP management should demonstrate that mechanisms are in place to communicate with learners, employees and other stakeholders, including conflict resolution.
- ✓The HEI is obliged to ensure measurement of the degree of satisfaction of the needs of the teaching staff, staff and learners within the framework of the EP and demonstrate evidence of elimination of the identified shortcomings.
- ✓The HEI should assess the effectiveness and efficiency of the activity in the context of the EP.
- ✓The information collected and analysed by the HEI within the framework of the EP should take into account:
 - ✓key performance indicators;
 - ✓dynamics of the contingent of students in the context of forms and types;
 - ✓grade level, student achievement and retention;
 - ✓satisfaction of students with the implementation of the programme and the quality of education at the university;
 - ✓accessibility of educational resources and support systems for learners;
 - ✓employment and career development of graduates.
- ✓Trainees, staff and teaching staff must document their consent to the processing of personal data.
- ✓The management of the EP should help to ensure that all necessary information is available in the relevant fields of science.

Evidentiary part

The university collects, analyses and manages documentation on the basis of internal documents posted on the university website <https://www.kaztbu.edu.kz/ru/akkreditaciya-i-rejtingi> - PD 20-05.11-24 "Regulations on monitoring the quality of education"; PD20-05.10-22 "Regulations on questionnaire survey"; University Standard "Internal audits of the quality management system", University Standard "Analysis from the management side", Regulations on conducting checks of scientific works of teaching staff for plagiarism 2021". "Strike Plagiarism. The procedure for consideration of complaints, students in the University and appeals on the "Box of complaints and suggestions", "Rector's Blog", on the personal appeal of the student to the structural units is presented in the regulation "Anti-corruption programme JSC "KazUTB named after K.Kulazhanov" for 2015-2025". During the conversation with the heads of structural units, faculty members were asked about the mechanism for receiving appeals and complaints. Faculty members and heads of structural units described the mechanism of work with appeals and complaints. Complaints are considered depending on the content - if from students, then at the

meetings of the department, dean's office, vice-rector, rector; if the appeal is from employees or faculty - department or structural unit, HR department, supervising vice-rector and rector. This procedure is confirmed during interviews with vice-rectors and heads of structural units.

Protection of information is carried out by creating passwords to enter personal accounts of teaching staff and students in the Platonus programme. The EP management organises students' access to up-to-date information on scientific research, teaching materials, the latest research and publications in their field. Databases, electronic libraries and other resources are also available to maintain a high level of training.

The quality assurance system at the university is represented by the structural subdivision Quality Assurance and Accreditation Department along with the organisation of accreditation, QMS processes functioning and rating the department collects and provides reliable data on the performance of the university quality management system processes necessary for self-assessment and analysis by the university management, as well as monitors customer satisfaction. During the conversation with the heads of structural divisions and the study of the department documentation it was confirmed that all documentation is conducted according to the QMS system.

In the process of training students can learn additional skills through informal learning, i.e. professional courses taken by students in training centres, provided that if a student does not have a transfer GPA he can take training in any university and the results of training will be taken into account, these procedures have found their description in internal documents ("Regulations on the current control of progress and interim attestation of students", "Regulations on the organisation and conduct of the final attestation of students") and confirmed in the course of the study.

Employment and career development within the framework of the EP during the interviewing revealed that students do not receive enough support from the HEI in terms of employment. In the text of the self-assessment report it is mentioned several times that there is an Alumni Association, besides, there is information about the association on the HEI website, however, during the VEC interviews with graduates the existence of this association was not confirmed.

The main official and reliable source of information on employment is the State Pension Payment Centre. This source is used by the NPP "Atameken" to conduct the rating of the EP and makes up 87 per cent.

The documented confirmation of the students' consent to the collection and processing of personal data is the consent that students sign when they conclude a contract with the university. Faculty and staff members give their consent to the transfer and processing of personal data when they are employed, which is confirmed in interviews with faculty and staff members.

Analytical part

The university has systems of collection, analysis and management of information based on modern information and communication technologies and software, for example, the website of JSC "KazUTB named after K.Kulazhanov" <https://kaztbu.edu.kz/ru/> provides detailed information about the university, the rector's blog, educational programmes for 2024-2025 academic year, information about the faculty and department, EP, expected learning outcomes, composition of the faculty of the department, qualifications awarded, training and assessment procedures, learning opportunities for students control of learning achievements o This data is analysed for curricular improvement. <https://kaztbu.edu.kz/ru/anketirovanie>. At the same time, the VEC did not find confirmation of the connection with the graduates of 6B07220 - "Technology of food products (by branches)" 6B07223 - "Technology of processing industries (by branches)". 6B07525 - "Standardisation and certification (by branches)" and their active participation in the development of the EP.

The university provides monitoring and evaluation of satisfaction of the teaching staff, students, which is confirmed during the interview with students, teaching staff. At the meeting of

the VEC with the Rector the information was received, which was confirmed during the interview with the target groups - about the creation of SMART University, which will strengthen the work on conducting, monitoring, analysing stakeholders. In addition, it will improve communication, collection and analysis of information for the EP development with constant adjustment of the EP development plan, since the indicators of the EP development plan and monitoring can change in the process of implementation.

The study of the department documentation confirmed the information that the EP management systematically and annually processes the information received from employers, students and fixes the extended meetings of the department in the minutes, the annual update corresponds to 10-15% and represents the inclusion of new disciplines or updating the content of educational modules.

At the meeting with the heads of EPs, VEC received confirmation about the availability of the study of annual, semi-annual reports of the department, as well as the ongoing monitoring of student success by discussing the results of rating, sessional and final control of students at the department meetings.

VEC study of practice reports confirms the existence of agreements with the places of practice (Natzhe Sut Fabrikasy LLP, RGP on PCV KazInst, Akbidai Astana LLP, NatEx JSC, Innovator LLP, Kazakh Research Institute of Food and Processing Industry LLP, Kaz Keruen Trade LLP). The self-assessment report indicates that conferences are held based on the results of the practices, however, the website, Instagram KazUTB, Youtube KazUTB, TikTok KazUTB and Instagram Kafedra TiS do not reflect these events, as well as the reporting system in publications does not reflect the changes in the EP that were adopted in the process of updating for the reporting period.

The following questionnaires are proposed to assess the level of students' satisfaction with education and quality of training: "Teacher in the eyes of students", "Satisfaction of students with R&D in JSC "KazUTB named after K.Kulazhanov", "Questionnaire for freshmen", "Questionnaire of students' satisfaction with support", "Satisfaction of employers with the quality of training of graduates" (<https://kaztbu.edu.kz/ru/anketirovanie>). At the same time, the external expert group was not provided with data for the last three years on the analysis and decision-making on the results of questionnaires in the above-mentioned areas.

The procedure for consideration of complaints, students in the University and appeals on the "Box of complaints and suggestions", "Rector's Blog", on the personal appeal of the student to the structural units is presented in the provision "Anti-corruption programme of JSC "KazUTB named after K.Kulazhanov" for 2015-2025". At the same time, the EEC did not find confirmation of personal appeals of students to the Rector in the Rector's Blog, since the appeals of students are usually not only anonymous, but also open in nature.

Transparency and objectivity of the mechanism of the system of evaluation of learning outcomes are reflected in the syllabuses of disciplines, where the scale of evaluation by 100 point system, the policy of grading is disclosed. For example, the discipline "Designing enterprises of meat and dairy industry", 5 credits, 150 hours, 7th semester has a textbook by S.B. Baitukenova "Course and diploma design of enterprises of meat and dairy industry", 2020; the syllabus describes in detail the content and requirements for the implementation of SRS and contains the main and additional literature. Transparency of evaluation is reflected in the AIS "Platonus" according to the "Regulations on the current control of progress and interim attestation of students", "Regulations on the Appeals Commission".

Documents on QMS procedures are located on the university website (<https://www.kaztbu.edu.kz/ru/akkreditaciya-i-rejtingi>). At the department all documents are presented in folders that correspond to the nomenclature of cases.

The study of the contingent of students has shown that the number of students is growing annually, including those studying on a grant. For the reporting period on training on EP 6B07220

- "Technology of food products (by branches)", in 2021 on the first course was enrolled 23, in 2022 - 45, in 2023 - 23, in 2024 - 89 students. For EP 6B07223 - "Technology of processing industries (by branches)" in 2021, 3 students were enrolled in the first year, in 2022 - 13, in 2023 - 19, in 2024 - 36 students. For EP 6B07525 - Standardisation and Certification (by branches)" in 2021 9 students were enrolled in the first year, in 2022 - 10, in 2023 - 18, in 2024 - 51 students.

On the issues of student support system, during the VEC interview with students, positive feedback was received, including regarding the choice of disciplines and the work of advisors and supervisors. When asked by the VEC about the consent to the processing and collection of personal data, students and teaching staff confirmed that they sign documents (contract and application) on the consent to the processing and use of personal data.

Strengths/best practices for accredited EPs:

Not identified.

VEC recommendations for EPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. The HEI management together with the heads of accredited EPs to develop a procedure for prompt response to the demands of society and economy and inform about any events, achievements of students, graduates, as well as teaching staff of educational programmes in social networks, including on the website (until 01.09.2025).

2. When updating educational programmes, it is recommended to provide information about this process on the HEI website, indicating the dates of publication of changes and responsible persons, as well as to visualise the changes in the EP with a depth of at least three years (until 01.09.2025).

3. To consider the possibility of creating a special section of the official website dedicated to industrial practice with the publication of necessary methodological materials, as well as feedback from students and practice supervisors and information about all stakeholders of educational programmes (until 01.01.2026).

VEC findings on the criteria:

According to the standard "Information management and reporting" of educational programmes 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)" have 17 satisfactory positions.

6.2 Standard "Information Management and Reporting"

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- ✓EP management should demonstrate that mechanisms are in place to communicate with learners, employees and other stakeholders, including conflict resolution.
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- ✓The HEI should assess the effectiveness and efficiency of the activity in the context of the EP.
- ✓The information collected and analysed by the HEI within the framework of the EP should take into account:
- ✓key performance indicators;
- ✓dynamics of the contingent of students in the context of forms and types;

- ✓ grade level, student achievement and retention;
- ✓ satisfaction of students with the implementation of the programme and the quality of education at the university;
- ✓ accessibility of educational resources and support systems for learners;
- ✓ employment and career development of graduates.
- ✓ Trainees, staff and teaching staff must document their consent to the processing of personal data.
- ✓ The management of the EP should help to ensure that all necessary information is available in the relevant fields of science.

Evidentiary part

The university collects, analyses and manages documentation on the basis of internal documents posted on the university website <https://www.kaztbu.edu.kz/ru/akkreditaciya-i-rejtingi> - PD 20-05.11-24 "Regulations on monitoring the quality of education"; PD20-05.10-22 "Regulations on questionnaires"; University Standard "Internal audits of the quality management system", University Standard "Analysis from the side of management", Regulations on conducting checks of scientific works of teaching staff for plagiarism 2021". "Strike Plagiarism. The procedure for consideration of complaints, students in the University and appeals on the "Box of complaints and suggestions", "Rector's Blog", on the personal appeal of the student to the structural units is presented in the provision "Anti-corruption programme of JSC "KazUTB named after K.Kulazhanov" for 2015-2025". During the conversation with the heads of structural units, faculty members were asked a question about the mechanism for receiving appeals and complaints. Faculty members and heads of structural units described the mechanism of work with appeals and complaints. Complaints are considered depending on the content - if from students, then at the meetings of the department, dean's office, vice-rector, rector; if the appeal is from employees or faculty - department or structural unit, HR department, supervising vice-rector and rector. This procedure is confirmed during interviews with vice-rectors and heads of structural units.

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Employment and career development within the framework of the EP during the interviewing revealed that students do not receive enough support from the HEI in terms of employment. In the text of the self-assessment report it is mentioned several times that there is an Alumni Association, besides, there is information about the association on the HEI website, however, during the VEC interviews with graduates the existence of this association was not confirmed.

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personal data is the consent that students sign when they conclude a contract with the university. Faculty and staff members give their consent to the transfer and processing of personal data when they are employed, which is confirmed in interviews with faculty and staff members.

Analytical part

The university has systems of collection, analysis and management of information based on modern information and communication technologies and software, for example, the website of JSC "KazUTB named after K.Kulazhanov." <https://kaztbu.edu.kz/ru/> provides detailed information about the university, the rector's blog, educational programmes for 2024-2025 academic year, information about the faculty and department, EP, expected learning outcomes, composition of the faculty of the department, qualifications awarded, training and assessment procedures, learning opportunities for students control of learning achievements of students condemned. These data are analysed to improve the curriculum. <https://kaztbu.edu.kz/ru/anketirovanie>. At the same time, the VEC did not find confirmation of the connection with the graduates of 6B07220 - "Technology of food products (by branches)" 6B07223 - "Technology of processing industries (by branches)". 6B07525 - "Standardisation and certification (by branches)" and their active participation in the development of the EP.

The university provides monitoring and evaluation of satisfaction of the teaching staff, students, which is confirmed during the interview with students, teaching staff. At the meeting of the VEC with the Rector the information was received, which was confirmed during the interview with the target groups - about the creation of SMART University, which will strengthen the work on conducting, monitoring, analysing stakeholders. In addition, it will improve communication, collection and analysis of information for the EP development with constant adjustment of the EP development plan, since the indicators of the EP development plan and monitoring can change in the process of implementation.

The study of the department documentation confirmed the information that the EP management systematically and annually processes the information received from employers, students and fixes the extended meetings of the department in the minutes, the annual update corresponds to 10-15% and represents the inclusion of new disciplines or updating the content of educational modules.

At the meeting with the heads of EPs, VEC received confirmation about the availability of the study of annual, semi-annual reports of the department, as well as the ongoing monitoring of student success by discussing at the department meetings the results of rating, sessional and final control of students.

VEC study of practice reports confirms the existence of agreements with the places of practice (Natzhe Sut Fabrikasy LLP, RGP on PCV KazInst, Akbidai Astana LLP, NatEx JSC, Innovator LLP, Kazakh Research Institute of Food and Processing Industry LLP, Kaz Keruen Trade LLP). The self-assessment report indicates that conferences are held based on the results of the practices, however, the website, Instagram KazUTB, Youtube KazUTB, TikTok KazUTB and Instagram Kafedra TiS do not reflect these events, as well as the reporting system in publications does not reflect the changes in the EP that were adopted in the process of updating for the reporting period.

The following questionnaires are proposed to assess the level of students' satisfaction with education and quality of training: "Teacher in the eyes of students", "Satisfaction of students with R&D in JSC "KazUTB named after K.Kulazhanov", "Questionnaire for freshmen", "Questionnaire of students' satisfaction with support", "Satisfaction of employers with the quality of training of graduates" (<https://kaztbu.edu.kz/ru/anketirovanie>). At the same time, the external expert group was not provided with data for the last three years on the analysis and decision-making on the results of questionnaires in the above-mentioned areas.

The procedure for consideration of complaints, students in the University and appeals on the "Box of complaints and suggestions", "Rector's Blog", on the personal appeal of the student to the structural units is presented in the provision "Anti-corruption programme of JSC "KazUTB named after K.Kulazhanov" for 2015-2025". At the same time, the EEC did not find confirmation of personal appeals of students to the Rector in the Rector's Blog, since the appeals of students are usually not only anonymous, but also open in nature.

Transparency and objectivity of the mechanism of the system of evaluation of learning outcomes are reflected in the syllabuses of disciplines, where the scale of evaluation by 100 point system, the policy of grading is disclosed. For example, the discipline "Design of enterprises of meat and dairy industry", 5 credits, 150 hours, 7 semester has a textbook by S.B. Baitukenova "Course and diploma design of enterprises of meat and dairy industry", 2020; the syllabus describes in detail the content and requirements for the implementation of CDS and contains the main and additional literature. Transparency of evaluation is reflected in the AIS "Platonus" according to the "Regulations on the current control of progress and interim attestation of students", "Regulations on the Appeals Commission".

Documents on QMS procedures are located on the university website (<https://www.kaztbu.edu.kz/ru/akkreditaciya-i-rejtingi>). At the department all documents are presented in folders that correspond to the nomenclature of cases.

The study of the contingent of students has shown that the number of students is growing annually, including those studying on a grant. For the reporting period on training on EP 6B07220 - "Technology of food products (by branches)", in 2021 on the first course was enrolled 23, in 2022 - 45, in 2023 - 23, in 2024 - 89 students. For EP 6B07223 - "Technology of processing industries (by branches)" in 2021, 3 students were enrolled in the first year, in 2022 - 13, in 2023 - 19, in 2024 - 36 students. For EP 6B07525 - Standardisation and Certification (by branches)" in 2021 9 students were enrolled in the first year, in 2022 - 10, in 2023 - 18, in 2024 - 51 students.

On the issues of student support system, during the VEC interview with students, positive feedback was received, including regarding the choice of disciplines and the work of advisors and supervisors. When asked by the VEC about the consent to the processing and collection of personal data, students and teaching staff confirmed that they sign documents (contract and application) on consent to the processing and use of personal data.

Strengths/best practices for accredited EPs:

Not identified.

VEC recommendations for EPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

1. The HEI management together with the heads of accredited EPs to develop a procedure for prompt response to the demands of society and economy and inform about any events, achievements of students, graduates, as well as teaching staff of educational programmes in social networks, including on the website (until 01.09.2025).

2. When updating educational programmes, it is recommended to provide information about this process on the HEI website, indicating the dates of publication of changes and responsible persons, as well as to visualise the changes in the EP with a depth of at least three years (until 01.09.2025).

3. To consider the possibility of creating a special section of the official website dedicated to industrial practice with the publication of necessary methodological materials, as well as feedback from students and practice supervisors and information about all stakeholders of educational programmes (until 01.01.2026).

VEC findings on criteria:

According to the standard "Information management and reporting" of educational programmes 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)" have 17 satisfactory positions.

6.3 Standard "Development and Approval of Educational Programme"

- ✓ The HEI must demonstrate the existence of a documented procedure for the development of the EP and its approval at the institutional level.
- ✓ The HEI must demonstrate the compliance of the developed EP with the established objectives and planned learning outcomes.
- ✓ The EP management should determine the influence of disciplines and professional practices on the formation of learning outcomes.
- ✓ The HEI can demonstrate the existence of an EP graduate model describing learning outcomes and personal qualities.
- ✓ The qualification awarded on completion of the EP should be clearly defined, explained and aligned to the defined level of the NSC, QF-EHEA.
- ✓ The EP management should demonstrate the modular structure of the programme based on the European Credit Transfer and Accumulation System (ECTS), ensure that the EP, its modules (in terms of content and structure) are in line with the set objectives with a focus on achieving the planned learning outcomes.
- ✓ The EP management should ensure that the content of academic disciplines and learning outcomes correspond to each other and to the level of study (bachelor's, master's, doctoral studies).
- ✓ EP management must demonstrate that external examinations of the EP have been conducted.
- ✓ The management of the EP should provide evidence of the participation of learners, faculty and other stakeholders in the development of the EP, ensuring its quality.
- ✓ The management of the OP should demonstrate the positioning of the EP in the educational market, (regional/national/international), its uniqueness.
- ✓ An important factor is the ability to prepare trainees for professional certification.
- ✓ An important factor is the availability of double-diploma EPs and/or joint EPs with foreign HEIs.

Evidentiary part

VEC confirms that the development and approval of accredited EPs is regulated by the "Regulations on the procedure of EP development plan development and monitoring of its implementation (<https://www.kaztbu.edu.kz/ru/akkreditaciya-i-rejtingi>), approved by the Academic Council, Minutes No. 7 of 29.02.2024.

The VEC examined educational programmes 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

VEC confirms the logic of academic interrelation of disciplines, their sequence and continuity. The qualification awarded upon completion of the programme is defined as NSC level 6, QF-EHEA, and is reflected in the educational programmes.

The qualifications awarded on completion of an educational programme reflect clearly and unambiguously the qualifications, which promotes better understanding on the part of both students and employers.

Estimated labour intensity of learning activities and planning of the study load of the EP is conducted in accordance with the "Regulations on planning, organisation and monitoring of the educational process of the EP", internal regulatory documents of the university, the study load of the student is made for one academic year, which includes two semesters of 15 weeks, the total number of credits 120. The study of working curricula and IUP of students confirm the data of the report, in which the calculated labour intensity of learning activities and planning of the study load of the EP is carried out in accordance with the "Regulations on planning, organizing and monitoring of the educational process of the EP" of the State Educational Standards of the Republic of Kazakhstan, as well as relying on the internal regulatory documents of the university.

The study load of the student is prepared for one academic year, which includes two semesters of 15 weeks each. In each semester there are two end-of-term controls and examination sessions.

On the website of the university there are presented the practice bases of Natizhe "Sut fabrikasy" LLP, RGP on PCV "KazInst", LLP "Akbidai Astana", JSC "NatSEX", LLP

"Innovator", LLP "Kazakh Research Institute of Food and Processing Industry", LLP "Kaz Keruen Trade".

VEC members visited the place of practice of students according to the visit programme, visited "Celina delicatessen factory", where the information from students and the report on internship at this enterprise was confirmed.

External evaluation of the effectiveness of the implementation of the EP is assessed by employers, e.g., the development director of "Natizhe cyt fabriksy" LLP Bashirova J.K., PhD doctor of Tashkent Chemical Technology Institute, associate professor of "Food Technology" department Jahangirova G.Z., Every year EP undergoes an external expert assessment within the framework of the rating of NPP "Atameken" (https://atameken.kz/ru/university_ratings?year=2025&ut=%D0%9A%D0%B0%D0%B7%D0%B0%D1%85%D1%81%D0%BA%D0%B8%D0%B9+%D1%83%D0%BD%D0%B8%D0%B2%D0%B5%D1%80%D1%81%D0%B8%D1%82%D0%B5%D1%82+%D1%82%D0%B5%D1%85%D0%BD%D0%BE%D0%BB%D0%BE%D0%B3%D0%B8%D0%B8+%D0%B8+%D0%B1%D0%B8%D0%B7%D0%BD%D0%B5%D1%81%D0%B0+%D0%B8%D0%BC%D0%B5%D0%BD%D0%B8+%D0%9A.%D0%9A%D1%83%D0%BB%D0%B0%D0%B6%D0%B0%D0%BD%D0%BE%D0%B2%D0%B0&epg=&speciality=®ion=&sort=epg_asc&profile=).

For the 2024-2025 academic year according to the Atameken external evaluation:

- for EP 6B07220 Technology of food products (by branches) Indicators of quality of educational programme (24%); Achievements of educational programme (16%); General indicators of GVE (weight 11%); Career prospects of graduates (49%), employment - 74%; place in the rating 11 out of 14 in RK;

- EP B07223 Technology of processing industries has similar situation by indicators as in 6B07220 Technology of food products (by branches), but the place in the rating is 6 out of 11 in RK;

- for EP 6B07525 Standardisation and Certification (by branches) Quality indicators of the educational programme (24%); Achievements of the educational programme (16%); General indicators of GVE (weight 11%); Career prospects of graduates (49%); Employment rate (in %) - 71%; place in the rating 11 out of 18 in RK.

The report reflects that lecturers actively introduce project methods with elements of AI and digital technologies, especially in disciplines related to food technology and standardisation, which allows students to acquire skills relevant to modern enterprises and prepare for work in the digital transformation of industries. The report and the department have certificates of advanced training in AI. However, during the VEC interviews with faculty members, students did not receive information about author's teaching methods, and low use of methods of case-based, problem-based learning technology.

Analytical part

The educational programmes reflect the objectives and learning outcomes, present the graduate model, which is in harmony with the objectives of the accredited educational programmes. Each QMKD contains a module objective and a discipline objective harmonising with each other. The content and structure of disciplines are reflected in the sequence and harmonious relationship with each other, i.e. the main basic disciplines "Introduction to speciality", "Food chemistry" smoothly pass into more complex profile disciplines "Technology of food preparation", "Technology of national cuisine", etc. Similarly for all accredited educational programmes, which confirms the competence-based approach.

At the same time, as a result of VEC interviews with graduates, recommendations were received on the necessity to include additional applied competences that will allow graduates to quickly adapt to the workplace, such as Soft skills, first aid skills.

EP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of

processing industries (by branches)" contain clear definitions of the graduate model with explanation of the NSC level, QF-EHEA. Upon graduation Diploma Supplement is issued, the diploma has a QR code and contains the number of credits (ECTS) in accordance with the recommendations of the standard on higher education. VEC members note the presence of bilateral contacts with foreign universities and partners department "Technology and Standardization" concluded a Memorandum with the Tashkent Institute of Chemical Technology and plans to develop joint educational programmes with this university partner <https://www.kaztbu.edu.kz/ru/mezhdunarodnoe-sotrudnichestvo>, including the joint use of laboratories.

It should be noted that the EP management has demonstrated the positioning of EP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)" in close connection with each other and uniqueness, which differs from similar EP KazATU named after S. Seifullin and provides the demand for personnel in food preparation, meat processing, grain processing, confectionery production using modern biotechnological methods and standardisation of these areas, which is reflected in the plan of development of food products, meat processing, grain processing and confectionery production. Seifullin and providing the demand for personnel in cooking, meat processing, grain processing, production of confectionery products with the use of modern biotechnological methods and standardisation of these areas, which is reflected in the plan for the development of educational programmes. At the same time, the VEC notes the absence of joint educational programmes in the plans for the development of EPs, although there are all prerequisites for this. Educational programmes are flexible - credit units can be re-credited when studying disciplines in other HEIs, however, VEC notes insufficient work on professional certification of graduates. Accredited educational programmes occupy quite stable positions according to Atameken data, however, it should be noted that the organisation and provision of professional certification of graduate students will improve the rating of graduates in terms of their uniqueness and demand in the labour market.

Strengths/best practices for accredited EPs:

Not identified.

VEC recommendations for EP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)":

1. To develop a plan for the development of accredited educational programmes with the implementation of the programme of joint educational programmes with partner HEIs (till 01.01.2026).

2. To conduct an internal audit of accredited EPs in terms of preparing students for independent professional certification, which will increase the demand for graduates in the labour market (until 01.08.2026).

VEC findings on criteria:

According to the standard "Development and approval of educational programme", educational programmes 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)" have 10 satisfactory and 2 assuming improvement positions.

6.4 Standard "Continuous Monitoring and Periodic Evaluation of Educational Programmes"

✓ *The university should ensure the revision of the content and structure of the EP taking into account the changes in the labour market,*

employers' requirements and social demand of the society.

✓ The HEI must demonstrate that there is a documented procedure for monitoring and periodic evaluation to achieve the objective of the EP and continuous improvement of the EP.

✓ Monitoring and periodic evaluation of the EP should consider:

✓ programme content in the context of the latest advances in discipline-specific science and technology;

✓ the changing needs of society and the professional environment;

✓ the workload, performance and graduation of students;

✓ effectiveness of learner assessment procedures;

✓ the needs and satisfaction of the learners;

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

✓ The management of the RP should publicise changes to the RP, inform stakeholders of any planned or undertaken actions within the RP.

✓ Support services should identify the needs of different groups of learners and the degree of their satisfaction with the organisation of learning, teaching, assessment, mastering the EP as a whole.

Evidentiary part

Monitoring and evaluation of 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" 6B07525 - "Standardisation and certification (by branches)" is carried out in accordance with the "Regulations on monitoring the quality of education", "Regulations on the activities of internal quality assurance of JSC "KazUTB named after K. Kulazhanov" and commissions for quality assurance of faculties", "Regulations on the order of development plan of educational programme development and monitoring of its implementation", "Regulations on the rating system of evaluation of teaching staff of the department and faculties (<https://kaztbu.edu.kz/ru/upravlenie-kachestvom-akkreditacii-i-rejtinga/>).

"Regulations on the procedure of development of the educational programme development plan and monitoring of its implementation" contains sections on the development of the educational programme development plan, rules of development, coordination, approval and updating of educational programmes. According to the document, the updating of educational programmes can be no more than twice a year depending on the demand of employers.

The study of IUP of students the volume (number) of academic credits provided for the discipline is: classroom work of the student (lectures, seminars/practical) - 30% of the total number of ECTS, 70% of independent work of the student, including consultations of teachers, that corresponds to the State Educational Standards of the Republic of Kazakhstan.

Assessments of the level of satisfaction of students with training and quality of training are carried out on the following questionnaires: "Teacher in the eyes of students", "Satisfaction of the student research and development in JSC "KazUTB named after K. Kulazhanov", "Questionnaire for freshmen", "Questionnaire satisfaction of students to support them", "Satisfaction of employers with the quality of training graduates" (<https://kaztbu.edu.kz/ru/anketirovanie>).

Analytical part

During the study of VEC website and report there is no analytical information on the results of the analysis of monitoring of satisfaction of consumers and process participants. The website does not provide enough information about the updates of the educational programme, its features, which reduces the attractiveness of EP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

Each faculty in the university has an Academic Quality Committee (AQC). The study of documentation in the department confirms the annual discussion of the content of the EP, QEC and RUP at the extended meetings of the department (minutes No. 5 of 14 December 2022, No. 5 of 19 December 2023; No. 7 of 27 February 2023, No. 3 of 21 November 2024; No. 5 of 27 December 2024). Extended departmental meetings are attended by representatives of students, employers. The study of VEC website and AIS Platonus showed that there is no sufficient coverage of social demand of parents, employers, graduates, who could take part in monitoring and continuous improvement of accredited educational programmes.

The study of the content of EP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)", 6B07525 - Standardisation and certification (by branches)" confirms that the RUP contains disciplines and modules dictated by the latest achievements of science and technology, for example: Technology of processing of non-traditional raw materials (contains modern achievements in the field of technology of processing and recycling of non-traditional raw materials used in the food industry), Technology of bio-products production. Следует отметить, что исследование Силлабусов данных дисциплин показало использование учебных материалов, созданных ППС в том числе на основе результатов научных исследований (Разработка технологии производства обогащенной микронутриентами композитной муки на основе зернобобовых культур», «Разработка технологии производства безглютеновых мучных кондитерских изделий с применением муки из семян зернобобовых культур выращенных в Казахстане», «Разработка технологии производства зерновых «молочных» напитков обогащенных Омега-3 полиненасыщенным Each syllabus contains assessment procedures and evaluation criteria for all indicators, including the assessment of SRS.

Constant monitoring of learning achievements by the department and the quality committee and work with students with difficulties by means of consultations (consultation schedules are visualised in the department and on the stands of the department) allow to improve the quality of learning, which is reflected in the final control. Each discipline has a final control, which is carried out independently and transparently on the basis of testing on the Platonus system. The Registrar's Office conducts an independent assessment of students' knowledge using an extensive database of test tasks for each discipline with academic honesty. The academic performance of the accredited programmes for the academic year 2023-2024 (winter and spring semester) was 100%, i.e. students were not retained for the summer semester (Minutes No. 6 of 27 January 2024, Minutes No. 12 of 15 June 2024). It should be noted, when interviewed, students gave a positive assessment of the work of edvisors, supervisors, the registration office and the library. They noted the availability of e-learning materials on the library website.

At the same time, the work on accessibility and transparency of information on EP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)" should be intensified with regard to informing changes in EPs and results of monitoring of student satisfaction with support services.

Strengths/best practices for accredited EPs:

Not identified.

VEC recommendations for EPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. To develop a procedure for updating information on the university website with assigning responsibility for providing and posting information, as well as determining responsibility for failure to meet the deadlines for submission or publication of up-to-date information (until 01.01.2026).

VEC findings on criteria:

According to the standard "Continuous monitoring and periodic evaluation of educational programmes" educational programmes 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardization and certification (by branches)" have 9 satisfactory positions 1 - requires improvement.

6.5 Standard "Student-centred learning, teaching and assessment of learning"

- ✓ The management of the EP should ensure respect and attention to different groups of learners and their needs, providing them with flexible learning paths.
- ✓ The EP management should ensure teaching based on modern achievements of world science and practice in the field of training, the use of various modern methods of teaching and assessment of learning outcomes, ensuring the achievement of EP objectives, including competences, skills to perform scientific work at the required level.
- ✓ The management of the EP should determine the mechanisms of distribution of students' study load between theory and practice within the framework of the EP, ensuring the mastery of the content and achievement of the EP goals by each graduate
- ✓ An important factor is the availability of own research in the field of teaching methodology of EP disciplines
- ✓ The HEI is obliged to ensure that the procedures for assessment of learning outcomes correspond to the planned outcomes and objectives of the EP
- ✓ The HEI is obliged to ensure the consistency, transparency and objectivity of the mechanism of assessment of learning outcomes of EP. Criteria and methods of assessment of learning outcomes should be published in advance
- ✓ Evaluators should be familiar with modern methods of assessing learning outcomes and regularly upgrade their skills in this area
- ✓ EP management should demonstrate a feedback system on the use of different teaching methods and assessment of learning outcomes
- ✓ The EP leadership must demonstrate support for learner autonomy while being guided and assisted by the instructor
- ✓ EP management must demonstrate that there is a procedure in place for responding to learner complaints

Evidentiary part

The students are provided with professional and academic orientation, developed FTI taking into account the sequence of disciplines. Students have academic freedom in the choice of discipline and teacher. IUP is made in three copies (for the student, dean's office, office-registrar department) and approved by the Dean of the Faculty.

On the methodology of teaching academic disciplines Tykezhanova G.M., Agedilova M.T., Esirkep G.E., Bekturganova A.A. took courses "IT-competences, methods and technologies online learning" (ATU, Almaty 16.12-28.12.2022). Almost all faculty members have taken courses to support the training of students with EP.

The needs of students in the formation of educational programmes can be satisfied by the choice of elective courses. The content of the catalogue of elective disciplines, the logical sequence of disciplines in them, elective disciplines proposed by the student and declared by the teaching staff, are subjected to review and analysis at the meeting of the department and the Educational and Methodological Council (at the department VEC studied the documents confirming the formation of the CED, discussion of the software during the update).

The flexibility of the learning path is confirmed during the interview of VEC with EP students. During the interviewing of VEC faculty members and students, the work of edvisors on the choice of disciplines by students was confirmed. Working at the department VEC familiarised itself with all the documents of edvisors and noted that planning, selection and presentation is carried out in accordance with the regulations of work of edvisors with documents.

Qualification characteristics of the Bachelor of EP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - "Standardisation and certification (by branches)" are shown on the university website (<https://kaztbu.edu.kz/ru/>) and corresponds to the graduate model. Transparency and objectivity of the mechanism of the system of evaluation of learning outcomes is reflected in the syllabuses of disciplines, where the scale of evaluation by 100 point system is disclosed, in the AIS "Platonus" according to the "Regulations on the current control of academic progress and interim certification of students", "Regulations on the Appeal Commission".

Analytical part

Educational programmes provide an opportunity for learners to choose their educational trajectory by demonstrating and visualising disciplines and modules of educational programmes among students through meetings with edvisors. Edvisors conduct a presentation of each discipline and faculty before the beginning of each semester to form the educational trajectory of students.

The guidebook <https://kaztbu.edu.kz/ru/spravochnik-putevoditel> presents the rules of

students' stay at the university, the organisation of the educational process, the academic calendar, the system of knowledge assessment, information about grants, scholarships and tuition fees, information about the organisation of the summer term.

In the course of conversation with the teaching staff, no data were found on holding training seminars and trainings to disseminate the experience of the best foreign universities on teaching methods, as well as a negative answer was received on the availability of their own author's teaching methods that can achieve the goal of the EP.

The VEC, in the course of discussions with the teaching staff found that during the reporting period under the Bolashak programme the teaching staff of the educational programme visited universities in China, England, Russia, but did not hold master classes on the results of internships.

In all disciplines of the EP the practice-oriented method is widely used (disciplines "Technology of meat products processing", "Milk technology" are held at the practice bases, according to the schedule). According to the results of the study of the document "Regulations on planning, organisation and monitoring of the educational process in educational programmes" and RUP of accredited educational programmes, VEC found that the study load and workload of students is based on an even distribution of the study load of students between theory and practice, the workload of students in all types of learning activities provided in the curriculum, it is clearly defined in credits and ECTS. The labour intensity of one Kazakh academic credit (30 academic hours) corresponds to 1 ECTS credit (25-30 academic hours). The ratio of classroom and independent work of the student (hereinafter - SRO) is 1:2. Student's independent work under the supervision of teacher (SROP) is 3:1 of the total SRO. SROP is not included in the general timetable of classes and is performed by students on a separate schedule.

The procedure for consideration of complaints, students in the university and appeals on the "Complaints and Suggestions Box", "Rector's Blog", on the personal appeal of the student to the structural units is presented in the regulation "Anti-corruption programme of JSC "KazUTB named after K.Kulazhanov" for 2015-2025". It should be noted that the EEC was not able to assess the work of the university with complaints, because it did not receive information on the work with complaints of teaching staff (the procedure for responding to student complaints is presented), this difficulty does not mean a complete absence of appeals and complaints.

Strengths/best practices for accredited EPs:

Not identified.

VEC recommendations for EPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

1. The management of the HEI and the EP should update the implementation of the procedure for handling complaints, including independent evaluation of the actions taken, and publish the procedure until 1 March 2026 on the website and in Platonus.

VEC findings on criteria:

According to the standard "Student-centred learning, teaching and learning assessment" educational programmes "6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)" have 9 satisfactory positions and 1 requires improvement.

6.6 The "Learners" Standard

✓ The university should demonstrate the policy of forming the contingent of students and ensure transparency, publication of procedures regulating the life cycle of students (from admission to graduation).

- ✓ The management of the OP should provide for special adaptation and support programmes for new entrants and international students
- ✓ The HEI must demonstrate compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism to recognise the results of academic mobility of students, as well as the results of additional, formal and non-formal learning.
- ✓ The HEI should provide opportunities for external and internal academic mobility of students, as well as assist them in obtaining external grants for study.
- ✓ The university should actively encourage students to self-education and development outside the main programme (extracurricular activities).
- ✓ An important factor is the existence of a support mechanism for gifted learners.
- ✓ The HEI must demonstrate cooperation with other educational organisations and the national centres of the "European Network of National Information Centres for Academic Recognition and Mobility/National Academic Recognition Information Centres" ENIC/NARIC in order to ensure comparable recognition of qualifications.
- ✓ The university should provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, maintaining contact with them.
- ✓ The HEI must demonstrate the procedure of issuing to graduates the documents confirming the obtained qualification, including the achieved learning outcomes.
- ✓ The OP management must demonstrate that graduates of the programme have skills that are in demand in the labour market and that these skills are indeed relevant.
- ✓ The management of the OP should demonstrate that there is a mechanism in place to monitor the employment and professional performance of graduates.
- ✓ An important factor is the existence of an active alumni association/association.

Evidentiary part

Edviser service at the university is actively developed - as confirmed by interviews with vice-rectors, heads of departments, faculty members and students. The work of advisors is paid 0.25 rate in the workload, so students are not neglected from the moment of admission. After admission to the university, the process of adaptation of students includes familiarisation with the institution and the programme. For each study group an adviser's hour is held, where they are introduced in detail to the procedures for assessing students' academic achievements, information about educational programmes, etc. The guidebook <https://kaztbu.edu.kz/ru/spravochnik-putevoditel> presents the rules of students' stay at the university, the organisation of the educational process, the academic calendar, the system of knowledge assessment, information about grants, scholarships and tuition fees, information about the organisation of the summer semester. The guide also provides information on academic assistance to students (transfer from one course to another, reinstatement, transfer from another university, elimination of academic differences and arrears, state scholarship, academic leave, final certification, calculation of GPA, rules of living in a dormitory, etc.). Recommendations on working with library literature, educational and methodical literature issued by departments (<https://kaztbu.edu.kz/ru/biblioteka>) are given. All information given in the manual is available on the corporate website of the university <https://kaztbu.edu.kz/ru/karta-sajta>.

VEC notes that the editors during the interviews emphasised that special attention is paid to the social and psychological adaptation of foreign and non-resident students; accommodation in dormitories is provided. This allows maintaining social ties and facilitates the process of entering a new educational and social environment for them.

There is no academic mobility and external grants for students within the framework of educational programmes "6B07220 - Food Technology (by branches)", "6B07223 - Processing Food Technology" and "6B07525 - Standardisation and Certification (by branches)".

In the conversation with faculty members it was noted that there is a system of support for gifted students, so if a student won the first place in the Republican competition, the university encourages his parents with a letter of thanks.

JSC "KazUTB named after K.Kulazhanov" actively uses national and international databases provided by ENIC/NARIC, to exchange information on qualifications and training programmes about it there is information on the site <https://www.kaztbu.edu.kz/ru/mezhdunarodnoe-sotrudnichestvo>, as well as heads of structural divisions during the interview confirmed this fact.

The HEI has agreements with practice places for students accredited by the OP, the VEC reviewed all agreements and carried out a visit to one of the practice places "Celina delicatessen

factory", 13 March 2025.

Analytical part

The study of the VEC University website showed that the EP management demonstrates the policy of forming the contingent of students of EP 6B07220 - Food Technology (by branches)", "6B07223 - Technology of Processed Products" and "6B07525 - Standardisation and Certification (by branches)". Applicants can submit online applications for admission to the university, there is a call centre. The site displays full information on the fields of activity of graduates 6B07220 - Food Technology (by branches)", "6B07223 - Technology of Processing Products" and "6B07525 - Standardisation and Certification (by branches)", as well as information on the rector's grant and discounts for education.

At the department VEC studied materials on career guidance work, presented in the form of a plan, booklets, reports of visits to schools, Open Day, excursions to KazUTB, members of the VEC familiarised themselves with social networks, where activities on career guidance work are actively covered <https://kaztbu.edu.kz/ru/postupayushchiim>, <https://kaztbu.edu.kz/ru/kafedra-tehnologiya-i-standartizaciya>.

In the course of interviews with students it was revealed that after admission to the university the adaptation process includes familiarisation with the educational institution, the university administration, the teaching staff of the graduating department, the layout of academic buildings, university classrooms, the location of all student support services, as well as each student is provided with a guidebook. For foreign and non-resident students the conditions for social and psychological adaptation and 100% accommodation in the university dormitory are created. In interviews with the deans of faculties the confirming information on holding general meetings with the first year students, where they familiarise them with the rules of internal regulations of the university, with the provisions of credit technology of education, etc. was received. Meetings with the dean, confirmed the students of accredited educational programmes of students and have the purpose not only of educational nature, but also at the meetings are solved issues of academic and social nature, which indicates a close interaction between students and the dean's office.

VEC notes the active work of advisors with first-year students, as the knowledge of academic rules of procedures for assessing the academic achievements of students, information about educational programmes is important in the adaptation of first-year and international students. Each student receives a guidebook, which is also available on the website <https://kaztbu.edu.kz/ru/spravochnik-putevoditel>. VEC has examined the guidebook and confirms that it contains all the necessary information starting from the rules of stay of students at the university, organisation of the educational process, academic calendar, knowledge assessment system, information about grants, scholarships and tuition fees, information about the organisation of the summer term, information about academic assistance to students (transfer from one course to another, reinstatement, transfer from another university, elimination of academic differences and arrears, state scholarship, academic leave, final examinations, etc.). All information provided in the guide is available on the corporate website of the university <https://kaztbu.edu.kz/ru/karta-sajta>.

Academic mobility of accredited educational programmes 6B07220 - Food Technology (by branches)", "6B07223 - Technology of Processing Products" and "6B07525 - Standardisation and Certification (by branches)" can be carried out according to the Lisbon Convention, including non-formal learning is recognised. However, for the reporting period from 2020 - 2025, seven students, given in the report on OP Biotechnology, went to Almaty Technological University on academic mobility. There is no academic mobility for accredited educational programmes during the reporting period.

The management of the educational programme welcomes students to study on additional

educational platforms, but has no experience in encouraging learners to educate and develop themselves outside the core programme and in assisting learners to obtain external grants for training.

K.Kulazhanov KazUTB JSC actively uses national and international databases provided by ENIC/NARIC to exchange information on qualifications and study programmes. This helps to accelerate and improve the process of recognition of academic qualifications, including qualifications obtained through academic mobility and other international programmes. Improving the quality of education as the university is guided by best practices in the recognition of academic qualifications and mobility. Upon completion of the educational programme, the university issues official documents to graduates confirming their qualifications. The type of education documents that certify the completion of the final attestation and confirm that the students have learnt the appropriate level of education is a diploma of higher education of its own sample, has a QR code. The European Diploma Supplement is a personal document and describes the nature, essence, level, context, content and status of learning of the graduate to whom the main diploma to which the Supplement relates has been issued. This Diploma Supplement model has been developed by the European Commission, the Council of Europe and Unesco/CEPES, with the aim of providing sufficient independent data to improve international "transparency" and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.) - all documents are visualised on the HEI website <https://www.kaztbu.edu.kz/kz/media/vypuskniki-kazutb-poluchili-diplomy-vuza-sobstvennogo-obrazca>.

Organisation of internships, promotion of employment and career development of students is carried out by the Internship Office, which at the interview with the VEC confirmed its work on career building of graduates, search for organisations of professional internship bases for students and assistance in employment of graduates. The Career Building Office organises events with the participation of employers, such as "Job Fairs", invites students to training seminars and trainings of various companies, which help future staff to find a suitable vacancy much more effectively. At the same time, the Practice Office confirmed the information that the university is only planning to establish an alumni association. In addition, when interviewed, graduates emphasised that the university does not provide full information about vacancies and does not promote employment.

Strengths/best practices for accredited EPs:

Not identified.

VEC recommendations for EPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. In order to ensure one of the main principles of credit technology of education, the head of the OP together with the university management should develop a plan to increase external and internal academic mobility (including achievable indicators) (until 01.01.2026).

2. To work on the development of a support system for trainees to assist them in obtaining external grants (until 01.08.2026).

3. The head of EP together with the Alumni Association to develop a plan of events with the participation of successful graduates aimed at improving the image of the university and accredited EPs (the plan includes visits to secondary schools, conferences, master classes, etc.) (until 01.01.2026).

4. Develop a procedure to facilitate employment and support young specialists in their career development within 3-5 years after graduation (until 01.06.2026).

VEC findings on criteria:

For the standard "Learners" educational programmes 9 satisfactory positions and 3 require improvement.

6.7 "Faculty" Standard

- ✓ The HEI should have an objective and transparent personnel policy in the context of the EP, including recruitment (including visiting teaching staff), professional growth and development of staff, ensuring professional competence of the entire staff.
- ✓ The HEI should demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, the HEI strategy, the objectives of the EP.
- ✓ OP leadership must demonstrate the changing role of the faculty member in relation to the shift to student-centred learning and teaching.
- ✓ The university should provide opportunities for career growth and professional development of the teaching staff, including young teachers.
- ✓ The HEI should involve in teaching specialists of relevant industries with professional competences that meet the requirements of the EP.
- ✓ The HEI should demonstrate the existence of a mechanism of motivation for professional and personal development of the teaching staff.
- ✓ The HEI should demonstrate a wide application of information and communication technologies and software tools in the educational process by the teaching staff (e.g. on-line learning, e-portfolios, MOOCs, etc.).
- ✓ The university should demonstrate the focus on the development of academic mobility, attracting the best foreign and domestic teachers.
- ✓ The HEI should demonstrate the involvement of each faculty member in promoting the culture of quality and academic integrity in the HEI, determine the contribution of the teaching staff, including invited ones, in achieving the objectives of the OP.
- ✓ An important factor is the involvement of faculty in the development of the economy, education, science and culture of the region and the country.

Evidentiary part

Personnel policy of the University, approved at the meeting of the Academic Council of JSC "KazUTB named after K.Kulazhanov" from 29.02.2024 Protocol № 7 (<https://kaztbu.edu.kz/ru/uchenyj-sovet/>). Personnel policy is available for review on the website of the University (<https://kaztbu.edu.kz/ru/hr-sluzhba/>).

Recruitment of teaching staff is carried out on a competitive basis. For this purpose, the University has developed the Regulations on competitive recruitment of teaching staff and researchers (approved by the meeting of the Academic Council from 27.12.2023, Minutes № 5).

Academic mobility of the teaching staff had and has a significant impact on their personal and professional development, in the university among the teaching staff is not sufficient, there is practically no outgoing mobility.

VEC examined the log of mutual attendance of classes, it should be noted that at least once a semester the teaching staff holds open classes according to the approved plan and schedule, at the open classes they share their experience and new teaching methods used by the teaching staff in classes, conduct master classes for young teachers.

The qualitative indicator of staffing corresponds to the norm established by the licence. OP 6B07220 - Food Technology (by branches)", "6B07223 - Processing Products Technology" and "6B07525 - Standardisation and Certification (by branches)" for 2024-2025 academic year is served by highly qualified teaching staff of the University: 1 Doctor of Science, Professor, 7 Candidates of Science, 3 Doctors of RhD, 12 Masters, 1 Senior Lecturer.

According to the results of the report of the department, faculty members are actively undergoing advanced training in the field of "Technical regulation and conformity assessment in the framework of ensuring product safety", "Quality of professional activity in the conditions of education renewal", "Technical regulation control and assessment of product quality", "Food safety and their metrological support", "Technical regulation in the field of establishment, identification, assessment, application and fulfilment of mandatory requirements for products", "Technique and technology of food products", "Technical regulation in the field of establishment, identification, assessment, application and fulfilment of mandatory requirements for products", "Technical regulation in the field of establishment, identification, assessment, application and fulfilment of mandatory requirements for products", "Technical regulation in the field of establishment, identification, assessment, application and fulfilment of mandatory requirements for products", "Technical regulation in the field of establishment, identification, assessment, application and fulfilment of mandatory requirements for products".

The information on academic mobility of teaching staff is presented for OP "Biotechnology",

it is not presented for OP 6B07220 - Food Technology (by branches)", "6B07223 - Processing Products Technology" and "6B07525 - Standardisation and Certification (by branches)".

On academic mobility of foreign professors, according to the submitted self-assessment report, a memorandum has been concluded with the Tashkent Institute of Chemical Technology (Uzbekistan), under which it is planned to jointly develop training modules (e.g. standardisation and food technology) and launch dual diploma programmes and a joint degree programme by the academic year 2025-2026.

From 2020 to 2024 academic year, guest lecturers from Penza State University, Tashkent Institute of Chemical Technology, Kyrgyz State Technical University named after I. Razzakov and Novosibirsk State Agrarian University delivered lectures for students of the specialised subjects 6B07220 - Food Technology (by branches). Lectures were delivered to the students of OP 6B07220 - Food Technology (by branches)", "6B07223 - Processing Food Technology" and "6B07525 - Standardisation and Certification (by branches)". In 2024-2025 it is planned to give a lecture of Dr. Dodaev K.O., Professor of Engineering Sciences, on OP 6B07223 "Technology of processing industries" from the Tashkent Institute of Chemical Technology.

According to the provision on the organisation of salaries and incentives for teaching staff there is a regulation on the order of application of the presidential-rector's allowance of employees of JSC "KazUTB named after K.Kulazhanov" for 2023-2024 academic year approved by the decision of the Academic Council № 7 minutes of 29 February 2024.

In JSC "KazUTB named after K. Kulazhanov" in order to improve the professional level, motivation of teaching staff and stimulation of employees there is a system of rating and rewarding teachers and staff for personal contribution and achieved results in labour activity. The Department of QA&A has developed a regulation on ballot-rating system of evaluation of teaching staff to motivate the professional and personal development of teachers.

Analytical part

VEC got acquainted with the orders on advanced training of teaching staff in foreign countries. On the basis of Kazan (Volga Region) Federal University, Republic of Tatarstan from 10 to 23 July 2023 young teachers of the department "T&C" Byron L.J. and Rakhimzhanova A.M. improved their professional qualification on the theme: "Project Management in Education" (within the framework of the programme Youth. Innovation. Commonwealth). Associate Professor Botbaeva J.T., senior lecturers of T&S department Akzholtaeva Sh.N., Baitasova S.S., Umyanova S.J. in 2023 and 2024 passed specialised courses within the framework of ITEC programme at the expense of financial means of the Government of India on the theme "Problems and prospects in the development of Farmer Producer Organisations (FPO)". At the same time, in the report and during the interviews with the teaching staff there was no information on academic mobility of teaching staff of accredited FPOs to partner universities.

In the course of interviews with teaching staff, the information was confirmed that each teacher registers on the website and enters all his/her results: articles, works, certificates, reports of public departmental and educational works, etc.. At the end of the academic year all the points are summarised and ranked, as an incentive, teaching staff receive a 30% bonus to their basic salary.

Teachers Khastaeva A.A. Agedilova M.T., Botbaeva J.T. and Karmanova G.K. told about their scientific internship under the Bolashak programme "500 Scientists" "Management in Education",

The department studied the materials on research work of faculty members reporting period (2019-2024) AR23488817 "Development of technology for the production of vitaminised drinks enriched with oxygen using simplex lattice plan Scheffe". For the amount of 141,961,831 tenge. 2024-2026. Project manager - Tultabaev Mukhtar Chumanovich; R&D within the framework of the state order for implementation of scientific and technical programme IRN BR24993031 "Development of technology of preparation of useful food products for daily ration, enriched with

natural antioxidants and biologically active substances" under the project (activity No. 4): "Development of technology for production of confectionery products (biscuits and gingerbread) based on dry powders of melons and fruit and berry crops". 74 600 000 tenge, 2024-2026. Project leader - Omaralieva Aigul Makhmutovna; AP09561622 "Development of technology of production of gluten-free flour confectionery products with the use of flour from seeds of grain legumes grown in Kazakhstan". 7 233 263 tenge, 2021-2021. Supervisor - Omaralieva Aigul Makhmutovna; BR10764977-OT-21 "Development of technology for obtaining water-oil food emulsions from safflower seeds for the production of new types of food products". For the amount of 61,961,831 tenge. 2021-2023. Project leader - Tultabaev Mukhtar Chumanovich; "Development of technology of grain "milk" drinks enriched with Omega-3 polyunsaturated fatty acids" for the amount of 45,764,348 tenge. 2021-2023. Project manager - Khastaeva Aigerim Zhanuzakovna; R&D: "Development of technology of biologically active additives on the basis of berry powders for creation of products of increased nutritional value". At the expense of the University 190 000 tenge 15.12.2023-01.02.2024. Project leader - Botbaeva Zhanar Turlybekovna. All R&D have documentation and reports in accordance with the requirements of R&D.

Strengths/best practice in OP 6B07220 - Food Technology (by branches)", "6B07223 - Processed Food Technology" and "6B07525 - Standardisation and Certification (by branches)":

With the support of the university administration and faculty, with the help of material and moral incentives, favourable conditions are created for each teacher to implement their creative abilities. Mechanisms to stimulate the professional and personal development of teaching staff are reflected in the Collective Agreement, and in the Regulations on Remuneration of Employees of JSC "KazUTB named after K. Kulazhanov".

Recommendations of the EEC for OP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)". 6B07525 - "Standardisation and certification (by branches)".

1. Develop a joint plan of academic mobility of teaching staff with partner universities - Almaty Technological University, Tashkent Institute of Chemical Technology (01.12.2025).

VEC findings on criteria:

According to the standard "Teaching staff" educational programmes "6B07220 - Food technology (by branches)", "6B07223 - Processed products technology" and "6B07525 - Standardisation and certification (by branches)" have 1 strong, 9 satisfactory positions.

6.8 The standard "Educational Resources and Student Support Systems"

✓ The HEI must guarantee the compliance of educational resources, including material and technical resources, and infrastructure with the objectives of the educational programme.

✓ The OP management shall demonstrate the sufficiency of classrooms, laboratories and other facilities with modern equipment to ensure the achievement of the OP objectives.

✓ The HEI should demonstrate the compliance of information resources with the needs of the HEI and the implemented OPs, including the following areas:

✓ technological support for students and faculty in accordance with educational programmes (e.g. online learning, modelling, databases, data analysis software);

✓ library resources, including the collection of educational, methodological and scientific literature on general education, basic and specialised disciplines in paper and electronic media, periodicals, access to scientific databases;

✓ examination of the results of research work, graduation theses and dissertations for plagiarism;

✓ access to educational Internet resources;

✓ WI-FI functioning in its territory.

✓ The university should demonstrate that it creates conditions for conducting scientific research, integration of science and education, publication of the results of research work of the faculty, staff and students.

✓ Higher education institution should strive to ensure that educational equipment and software tools used to master educational programmes are similar to those used in the relevant industries.

✓ OP management must demonstrate that procedures are in place to support different groups of learners, including information and counselling.

✓ The management of the OP must show the presence of conditions for the progress of the student on an individual educational trajectory.

✓ The HEI should take into account the needs of different groups of learners (adults, working, international learners, as well as learners with special educational needs).

✓ The HEI must ensure that the infrastructure meets security requirements.

Evidentiary part

The University ensures the availability of sufficient, accessible and fit for purpose learning resources and learner support services. In the allocation, planning and provision of learning resources, the needs of different groups of learners are taken into account. The University has appropriate facilities for learning and teaching activities, ensures the provision of adequate and easily accessible resources for learning and support of students in the OP.

Great importance is attached to the development and strengthening of the material and technical base, information and library system.

During the VEC visit to laboratories and offices of accredited OP, confirm the data of the report on self-assessment of OP "6B07220 - Food Technology (by branches)", "6B07223 - Technology of processing products" three training laboratories, in two of them there are laboratory measuring instruments, and in the third - oven, oven cabinet, special tables and office "6B07525 - Standardisation and Certification (by branches)" was closed and VEC had no opportunity to visit, because the corridor of the floor where the office was located was closed. On the floor where the room was located was closed, because the corridor of the floor was leased to NCT, to conduct UNT. Laboratory "Scientific and Production Shop" (laboratory created in the consequence of the research project with the participation of Khastaeva A.), room 111, Laboratory "Technology of cooking" (special tables, oven, oven, cooking cabinet, hoods), room 113, Laboratory "Technology of processing industries", room 115 (laboratory for assessing the quality of grain and flour); classroom "Standardisation, metrology and certification", room 205. It should be noted that all classrooms had a passport, description of each laboratory equipment, fire extinguishing means.

All students have access to the book fund of the library, including educational, methodological and scientific literature in Kazakh, Russian and English languages. Information support is provided in the "Scientific Library" section of the official website of the University.

To organise independent work, the university forms and maintains electronic library containing methodological developments of university teachers (teaching and methodological complex of disciplines, videos, electronic textbooks, electronic editions), literature of high demand, literature for multilingual education. Remote access to the resources of the electronic library is provided round the clock.

The credibility of graduate works of the results of NIRS in scientific articles and reports is assessed by checking them for plagiarism on the system "Anti-Plagiarism". Access to the resources of the library is provided on the Web-site of JSC "KazUTB named after K. Kulazhanov" <https://kaztbu.edu.kz/ru/>. - in the section "For students" - Information resources. Library resources are used by students and teachers for educational and scientific purposes.

Favourable conditions for users with special educational needs have been created. The website version for readers with special educational needs is maintained, access to the resources of electronic library systems in the website version for the visually impaired is provided.

University students have access to electronic educational publications through: information system "Platonus", where electronic versions of books of the library of JSC "KazUTB named after K. Kulazhanov" <https://platonus.kaztbu.edu.kz/v7/#/employee/library/book> are presented: .

Access to 8 licence databases of domestic and foreign information holders is open to the university users. These are: Interuniversity Electronic Library (RMEB, <http://rmebrk.kz/>); Paragraph (<https://online.zakon.kz/>); "Modern Literature of Kazakhstan" <http://nlrk.kz/>; "Kazakh Classical Literature" <http://classic.nlrk.kz/>; "Әдебиет порталы" <http://adebiportal.kz/>; Open Library of Kazakhstan <http://www.ikitap.kz/>; "History of Kazakhstan" <http://e-history.kz/kz/>; "Madeni mura" <http://www.madenimura.kz>

Academic support for students is provided by: registration office, department of postgraduate education, department of international co-operation, scientific library.

The educational process is managed in the AIS Platonus, which is integrated with the NOBD. Within the framework of AIS "Platonus" there are modules: Course Registration and Instructor Enrollment, Student Filling in the IPP, Transcripts Issuance, Employment of Graduates, Questionnaires, Teaching Load Distribution and Schedule Formation, Orders, Extracts from Orders, Issuance of Certificates and others.

Each student during the entire period of study is provided with access to information educational resources via Wi-Fi and/or wired network: the official website of the University; scientific library; electronic library; personal account of the student.

Analytical part

Material and technical support of the accredited educational programmes is at a sufficient level and meets the needs in the organisation of student training in theoretical and practical skills, laid down in the model of a bachelor's degree graduate. At the same time, it should be noted that for OP 6B07525 - Standardisation and Certification (by branches)" there is one room, access to which was not arranged for visual inspection of the EEC, because in place of the room along the corridor was located NTC (national testing centre) and the next UNT was held.

The analytical review of electronic educational resources of the university library confirms the availability of training materials in sufficient quantity. A sample study of the disciplines (Course and Diploma Design of Meat and Dairy Industry, and Confirmation of Conformity) showed that all of them are provided with basic and additional literature, including own manuals of faculty members.

VEC study of students' final papers showed that all of them contain a protocol of anti-plagiarism check with a uniqueness of 80-82%, review by an external reviewer and feedback from the supervisor (Michka Daria "Development of technology of delicacy cheese product", supervisor Bekturganova A., uniqueness 82%; Makhash Akerke "Май сүтін (buttermilk) қосып қышқылдық әдіспен өндіретін сүзбе технологиясын жасау", supervisor Yeserkep G, originality 82%), as well as the topics of works correspond to modern trends.

VEC notes the availability of internet and *WI-FI* in all the buildings and when students were interviewed, in the hostel too, indicating the availability of educational resources.

VEC notes that the University has an automated information system "Platonus" version 6.0., the program provides fast and quality processing of large amounts of information, allows to conduct electronic document management and complexly automate the processes of credit and distance learning systems, has the necessary academic services to support the learning of students: student service centre, registrar's office, library, medical station and office of academic mobility of students. These support services adapt the learner from the university learning process to employment and assistance in building a professional career. In addition, the VEC notes that health care for staff and students is provided by a medical centre with a treatment room.

At the same time, the EEC notes that the necessary ramps and safe pathways are only on the ground floor at the entrance. There are no safe paths on all floors and there is no specialised room for hearing and visually impaired students.

Strengths/best practices for accredited OPs:

Not identified.

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

1. To complete the audit of the organisation's premises in terms of ensuring safe conditions for students, and, if necessary, to equip a specialised classroom (until 01.06.2026).

VEC findings on criteria:

According to the standard "Educational Resources and Student Support Systems" educational programmes 6B07220 - Food Technology (by branches)", "6B07223 - Processing Food Technology", "6B07525 - Standardisation and Certification (by branches)" have 12 satisfactory positions and 1 requires improvement.

6.9 Standard "Public Awareness"

✓The university guarantees that the published information is accurate, objective, up-to-date and reflects all areas of the university's activities within the framework of the educational programme.

✓Public information should support and explain the national development programmes of the country and the higher and postgraduate education system.

✓The HEI management should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) to inform the general public and stakeholders.

✓Information about the educational programme is objective, up-to-date and should include:

✓the purpose and planned results of the programme, the qualification to be awarded;

✓information and system of evaluation of students' educational achievements;

✓information on academic mobility programmes and other forms of cooperation with partner universities and employers;

✓information on opportunities for the development of personal and professional competences of students and employment;

✓data reflecting the positioning of the EP on the market of educational services (at regional, national, international levels);

✓An important factor is the publication on open resources of reliable information about faculty members, in terms of personalities.

✓The HEI should place information and links to external resources on the results of external evaluation procedures.

✓An important factor is the posting of information on cooperation and collaboration with partners, including scientific/consulting organisations, business partners, social partners and educational organisations.

Evidentiary part

The official website of the university provides information about the university in the Internet in order to expand the market of educational services of the university, promptly familiarise students, employees, applicants, business partners and other interested parties with various aspects of the university's activities, increase the effectiveness of the university's interaction with the target audience. The main purpose of the website is to develop a quality information environment of the university as a resource of educational, scientific networks and national information resource. The information resource of the site is open and publicly available and is aimed at forming the image of the university for prompt and objective informing the public about the activities of the University.

In addition to the university website, the university has the following sources and services for publishing and highlighting information: portal for employees and students service centre for students service centre for editors and registrar's office; advisory services on the basis of departments, dean's offices and other units of the university in terms of their authority; online consultant; official pages in social networks; information stands on the territory of the university.

The website provides full information about the main structural units of the university (faculties, departments, student support and counselling services, other departments of the university).

The university also actively uses modern communication channels, including social media and online platforms, to reach a wider target audience. Instagram KazUTB; Youtube KazUTB; TikTok KazUTB; Instagram Kafedra TiS.

Analytical part

The study of the website and social networks of VEC University notes the need for continuous information work related to the actualisation, achievements and monitoring for open public information. The university publishes on the website information for the public provides support and explanation of the national development programmes of the country and the system of higher and postgraduate education <https://www.kaztbu.edu.kz/ru/normativnye-dokumenty>.

The University reliably and openly informs about the results of external evaluation of educational programmes (rating, accreditation, quality management system) <https://www.kaztbu.edu.kz/ru/akkreditaciya-i-rejtingi>.

The study of the information on teaching staff serving the accredited educational programmes has shown that the information given on the website and in the self-assessment report corresponds to reality <https://www.kaztbu.edu.kz/ru/kafedra-tehnologiya-i-standartizaciya>. The rector of the university is a full-time professor of the Department of Technology and Standardisation. It is encouraging that the employers Sarsenbaev Marat Agybaevich - chairman of the Association Halal Industry of Kazakhstan, Alina Ysenova Ylibekkyzy - head of the Scientific and Production Centre of Ecological and Industrial Biotechnology; Baitukenova Sholpan Baidildaevna associate professor - part-time, as well as Kosanova Indira Muratovna - doctoral student of the Kazakh Agrotechnical University named after Saken Seyfullin.

At the same time, VEC notes that the information about students' achievements is sporadic and does not reflect the life of students of educational programmes <https://www.kaztbu.edu.kz/ru/dostij>, <https://www.kaztbu.edu.kz/index.php/ru/media/dostizhenie-studentov-kafedry>, although more information about their achievements was obtained when interviewing students.

The site presents international co-operation <https://www.kaztbu.edu.kz/index.php/ru/mezhdunarodnoe-sotrudnichestvo>, however it does not contain perspective plans of development of mutual relations, besides, the information placed on the site has a format for normal vision and is not designed for visually impaired people and there is no adapted mobile version.

Strengths/best practices for accredited OPs:

Not identified.

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

1. Develop a plan to transform the website in three languages with an adapted version for the visually impaired, mobile version, with constant updating of information and creation of a news archive (until 01.01.2027).

2. Develop an active marketing policy that promotes not only the implemented programmes but also the achievements of the university, including posting information and invitations to academic mobility of students; results of cooperation with partner universities; interaction with employers (till 01.06.2025).

VEC findings on criteria:

According to the standard "Public Awareness" educational programmes 6B07220 - Food Technology (by branches)", "6B07223 - Processing Food Technology", "6B07525 - Standardisation and Certification (by branches)" have 10 satisfactory positions and 1 requiring improvement.

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

6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

On the standard 'Managing the Education Programme:
Not identified.

Under the Information Management and Reporting standard:

According to the standard "Development and approval of the educational programme":
Not identified.

According to the standard "Continuous monitoring and periodic evaluation of educational programmes":

On the standard "Student-centred learning, teaching and assessment of learning":
Not identified.

On the standard "Learners."
Not identified.

Under the "Faculty" standard:

With the support of the university administration and faculty, with the help of material and moral incentives, favourable conditions are created for each teacher to implement their creative abilities. Mechanisms to stimulate the professional and personal development of teaching staff are reflected in the Collective Agreement, and in the Regulations on Remuneration of Employees of JSC "KazUTB named after K. Kulazhanov".

According to the Educational Resources and Student Support Systems standard:
Not identified.

Under the Public Awareness standard:
Not identified.

(VIII) REVIEW THE QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD

On the standard 'Managing the Education Programme:

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. The university management should implement equal participation of all stakeholders in the development of educational programmes, for example, by creating access to the Platonus system or the university website with user authorisation to assess the achievement of educational programme objectives, development plan, as well as to ensure dynamic updating of educational programmes in accordance with the needs of society and economy (until 01.01.2026).

Additional recommendations for OP 6B07525 - Standardisation and Certification (by branches)".

1. to ensure participation in the development of the OP and its development plan in addition to employers of the standardisation sphere, catering technologists, technologists of meat and dairy industry, processing, bakery and confectionery industry for more accurate definition of target indicators of development and updating of the OP (until 01.09.2025).

Under the standard "Information and Reporting Management"

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. The HEI management together with the heads of accredited OPs to develop a procedure for prompt response to the demands of society and economy and inform about any events, achievements of students, graduates, as well as teaching staff of educational programmes in social networks, including on the website (until 01.09.2025).

2. When updating educational programmes, it is recommended to provide information about this process on the HEI website, indicating the dates of publication of changes and responsible persons, as well as to visualise the changes in the OP with a depth of at least three years (until 01.09.2025).

3. To consider the possibility of creating a specialised section of the official website dedicated to industrial practice with the publication of necessary methodological materials, as well as feedback from students and practice supervisors and information about all stakeholders of educational programmes (until 01.01.2026).

According to the standard "Development and approval of educational programme"

VEC recommendations for OP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)":

1. To develop a plan for the development of accredited educational programmes with the implementation of the programme of joint educational programmes with partner HEIs (till 01.01.2026).

2. To conduct an internal audit of accredited EPs in terms of preparing students for independent professional certification, which will increase the demand for graduates in the labour market (until 01.08.2026).

According to the standard "Continuous monitoring and periodic evaluation of educational programmes"

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. To develop a procedure for updating information on the university website with assigning responsibility for providing and posting information, as well as determining responsibility for failure to meet the deadlines for submission or publication of up-to-date information (until 01.01.2026).

On the standard "Student-centred learning, teaching and assessment of learning"

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. The management of the HEI and the OP should update the implementation of the procedure for handling complaints, including independent evaluation of the actions taken, and publish the procedure until 1 March 2026 on the website and in Platonus.

Under the "Learners" standard

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. In order to ensure one of the main principles of credit technology of education, the head of the OP together with the university management should develop a plan to increase external and internal academic mobility (including achievable indicators) (until 01.01.2026).

2. To work on the development of a support system for trainees to assist them in obtaining external grants (until 01.08.2026).

3. The head of OP together with the Alumni Association to develop a plan of events with the participation of successful graduates aimed at improving the image of the university and accredited OPs (the plan should include visits to secondary schools, conferences, master classes, etc.) (until 01.01.2026).

4. Develop a procedure to facilitate employment and support young specialists in their career development within 3-5 years after graduation (until 01.06.2026).

According to the standard "Teaching staff"

Recommendations of VEC for OP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)".

1. To develop a joint plan of academic mobility of teaching staff with partner universities - Almaty Technological University, Tashkent Institute of Chemical Technology (01.12.2025).

For the standard "Educational Resources and Student Support Systems"

VEC recommendations for OPs 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)"

1. Complete the audit of the organisation's premises in terms of ensuring safe conditions for students, and, if necessary, equip a specialised classroom (until 01.06.2026).

There are no recommendations for the standard "Public Awareness"

VEC recommendations for OP 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" and 6B07525 - Standardisation and certification (by branches)".

1. Develop a plan to transform the website in three languages with an adapted version for the visually impaired, mobile version, with constant updating of information and creation of a news archive (until 01.01.2027).

2. Develop an active marketing policy that promotes not only the implemented programmes but also the achievements of the university, including posting information and invitations to academic mobility of students; results of cooperation with partner universities; interaction with employers (till 01.06.2025).

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

Not worked out



(X) RECOMMENDATION TO THE ACCREDITATION COUNCIL

Members of the external expert commission came to the unanimous opinion that the educational programmes implemented by JSC "Kazakh University of Technology and Business named after K. Kulazhanov" 6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)" 6B07525 - "Standardisation and Certification (by branches)" can be accredited for a period of 5 (five) years.



Annex 1: Evaluation table "Conclusion of the external expert committee"

6B07220 - "Technology of food products (by branches)", 6B07223 - "Technology of processing industries (by branches)". 6B07525 - "Standardisation and certification (by branches)".

No. n/a	№	Evaluation criteria	Position of the educational organisation			
	n/a		Strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard "Management of the educational programme"						
1	1	The HEI should demonstrate the development of the goal and strategy of the OP development based on the analysis of external and internal factors with wide involvement of various stakeholders		+		
2	2	Quality assurance policies should reflect the link between research, teaching and learning		+		
3	3	The HEI demonstrates the development of a quality assurance culture		+		
4	4	The commitment to quality assurance should apply to all activities carried out by contractors and partners (outsourcing), including in the implementation of joint/bilateral education and academic mobility		+		
5	5	The management of the OP ensures the transparency of the development plan of the OP based on the analysis of its functioning, the real positioning of the HEI and the orientation of its activities to meet the needs of the state, employers, stakeholders and students		+		
6	6	The management of the OP demonstrates the functioning of mechanisms for the formation and regular revision of the OP development plan and monitoring of its implementation, assessment of the achievement of learning objectives, compliance with the needs of students, employers and society, decision-making aimed at continuous improvement of the OP		+		
7	7	The management of the OP should involve representatives of stakeholder groups, including employers, students and faculty in the formation of the OP development plan		+		

8	8	The management of the RP should demonstrate the individuality and uniqueness of the RP development plan, its alignment with national development priorities and the development strategy of the educational organisation		+		
9	9	The HEI should demonstrate a clear definition of those responsible for business processes within the OP, distribution of staff job responsibilities, delineation of functions of collegiate bodies		+		
10	10	The management of the RP ensures the coordination of all persons involved in the development and management of the RP and its continuous implementation, and involves all stakeholders in the process		+		
11	11	The management of the OP should ensure that the management system is transparent, that the internal quality assurance system is functioning, including its design, management and monitoring, and that appropriate decisions are taken		+		
12	12	The management of the OP should carry out risk management		+		
13	13	The management of the educational programme should ensure the participation of representatives of stakeholders (employers, teaching staff, students) in the collegial management bodies of the educational programme, as well as their representativeness when making decisions on the management of the educational programme		+		
14	14	The HEI must demonstrate innovation management within the OP, including analysing and implementing innovative proposals		+		
15	15	The management of the OP should demonstrate its openness and accessibility to learners, employers and other stakeholders		+		
16	16	The management of the OP confirms the completion of training on education management programmes		+		
17	17	The management of the RP should endeavour to ensure that the progress made since the last external quality assurance procedure is taken into account in preparation for the next procedure		+		
Total standard			0	17	0	0
Standard "Information Management and Reporting"						

18	1	The university should ensure the functioning of the system of collection, analysis and management of information on the basis of modern information and communication technologies and software tools		+		
19	2	OP management demonstrates systematic use of processed, adequate information to improve the internal quality assurance system		+		
20	3	The management of the OP demonstrates the existence of a reporting system reflecting the activities of all structural units and departments within the framework of the OP, including an assessment of their performance		+		
21	4	The HEI should determine the periodicity, forms and methods of evaluation of the EP management, activities of collegiate bodies and structural units, top management		+		
22	5	The HEI must demonstrate a mechanism for ensuring information protection, including identification of responsible persons for the reliability and timeliness of information analysis and data provision		+		
23	6	The HEI demonstrates involvement of students, employees and teaching staff in the processes of collecting and analysing information, as well as decision-making on their basis		+		
24	7	The management of the OP should demonstrate that mechanisms are in place to communicate with learners, employees and other stakeholders, including conflict resolution		+		
25	8	The HEI is obliged to ensure measurement of the degree of satisfaction of the needs of the teaching staff, staff and learners within the framework of the OP and demonstrate evidence of elimination of the detected deficiencies		+		
26	9	The HEI should assess the efficiency and effectiveness of activities, including in the context of OPs		+		
		The information collected and analysed by the HEI within the framework of the OP should take into account:				
27	10	key performance indicators		+		
28	11	dynamics of the contingent of students in the context of forms and types of education		+		

29	12	level of academic performance, student achievement and expulsion		+		
30	13	students' satisfaction with the implementation of the programme and the quality of education at the university		+		
31	14	accessibility of educational resources and support systems for learners		+		
32	15	employment and career development of graduates		+		
33	16	Students, staff and faculty members must document their consent to the processing of personal data		+		
34	17	The management of the OP should help to ensure that all necessary information is available in the relevant fields of sciences		+		
Total standard			0	17	0	0
Standard "Development and approval of educational programme"						
35	1	The HEI should demonstrate the existence of a documented procedure for the development of the OP and its approval at the institutional level		+		
36	2	The HEI must demonstrate compliance of the developed OP with the established objectives and planned learning outcomes		+		
37	3	The OP management should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
38	4	The HEI can demonstrate the existence of an OP graduate model describing learning outcomes and personal qualities		+		
39	5	The qualification awarded on completion of the RP should be clearly defined, explained and appropriate to the defined level of the NSC, QF-EHEA		+		
40	6	The OP management should demonstrate the modular structure of the programme based on the European Credit Transfer and Accumulation System (ECTS), ensure that the OP, its modules (in terms of content and structure) are in line with the set objectives with a focus on achieving the planned learning outcomes		+		
41	7	The OP management should ensure that the content of academic disciplines and learning outcomes correspond to		+		

		each other and to the level of study (bachelor's, master's, doctoral studies)				
42	8	The management of the OP should demonstrate that external reviews of the OP have been carried out		+		
43	9	The management of the OP should provide evidence of the participation of learners, faculty and other stakeholders in the development of the OP, ensuring its quality		+		
44	10	The management of the OP should demonstrate the positioning of the OP in the educational market, (regional/national/international), its uniqueness		+		
45	11	An important factor is the possibility of preparing students for professional certification			+	
46	12	An important factor is the availability of double degree programmes and/or joint programmes with foreign HEIs			+	
Total standard			0	10	2	0
Standard "Continuous monitoring and periodic evaluation of educational programmes"						
47	1	The HEI should ensure the revision of the content and structure of the EP taking into account the changes in the labour market, employers' requirements and social demand of the society		+		
48	2	The HEI is obliged to demonstrate the existence of a documented procedure for monitoring and periodic evaluation of the OP in order to achieve the OP objective. The results of these procedures are aimed at continuous improvement of the EP		+		
		Monitoring and periodic evaluation of the OP should consider:				
49	3	programme content in the context of the latest advances in discipline-specific science and technology		+		
50	4	changes in the needs of society and professional environment		+		
51	5	the workload, progress and graduation of students		+		
52	6	effectiveness of student assessment procedures		+		
53	7	the needs and satisfaction of learners		+		

54	8	Compliance of the educational environment and the activities of support services with the objectives of the OP		+		
55	9	All interested parties should be informed of any planned or undertaken actions in relation to the RP. All changes made to the RP shall be publicised			+	
56	10	Support services should identify the needs of different groups of learners and their satisfaction with the organisation of learning, teaching, assessment, learning of the EP as a whole		+		
Total standard			0	9	1	0
Student-centred learning, teaching and assessment of learning" standard						
57	1	The management of the OP should ensure respect and attention to different groups of learners and their needs, providing them with flexible learning paths		+		
58	2	The OP management should ensure teaching on the basis of modern achievements of world science and practice in the field of training, the use of various modern methods of teaching and assessment of learning outcomes, ensuring the achievement of OP objectives, including competences, skills to perform scientific work at the required level.		+		
59	3	The management of the OP should determine the mechanisms of distribution of the study load of students between theory and practice within the framework of the OP, ensuring the mastery of the content and achievement of the OP goals by each graduate		+		
60	4	An important factor is the availability of own research in the field of teaching methodology of OP disciplines		+		
61	5	The HEI is obliged to ensure that the procedures for assessment of learning outcomes correspond to the planned outcomes and objectives of the EP		+		
62	6	The HEI is obliged to ensure the consistency, transparency and objectivity of the mechanism of assessment of learning outcomes of EP. Criteria and methods of assessment of learning outcomes should be published in advance		+		
63	7	Evaluators should be familiar with modern methods of assessing learning outcomes and regularly upgrade their skills in this area		+		

64	8	OP management should demonstrate a system of feedback on the use of different teaching methods and assessment of learning outcomes		+		
65	9	The OP leadership must demonstrate support for learner autonomy while being guided and assisted by the instructor		+		
66	10	OP management must demonstrate that there is a procedure in place for responding to learner complaints			+	
Total standard			0	9	1	0
The "Learners" standard						
67	1	The HEI should demonstrate the policy of forming the contingent of students and ensure the transparency of its procedures. The procedures regulating the life cycle of students (from enrolment to completion) should be defined, approved, published		+		
68	2	The management of the OP should provide for special adaptation and support programmes for new entrants and international students		+		
69	3	The HEI must demonstrate compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism to recognise the results of academic mobility of students, as well as the results of additional, formal and non-formal education		+		
70	4	The HEI should provide opportunities for external and internal academic mobility of students, as well as assist them in obtaining external grants for study			+	
71	5	The university should actively encourage students to self-education and development outside the core programme (extracurricular activities)		+		
72	6	An important factor is the existence of a support mechanism for gifted students		+		
73	7	The HEI should demonstrate cooperation with other educational organisations and national centres of the "European Network of National Information Centres for Academic Recognition and Mobility/National Academic Recognition Information Centres" ENIC/NARIC in order to ensure comparable recognition of qualifications		+		

74	8	The HEI should provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, liaising with them		+		
75	9	The HEI is obliged to demonstrate the procedure of issuing to graduates the documents confirming the obtained qualification, including the achieved learning outcomes		+		
76	10	The OP management should demonstrate that graduates of the programme have skills that are in demand on the labour market and that these skills are indeed in demand on the labour market		+		
77	11	The management of the OP should demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates			+	
78	12	An important factor is the existence of an active alumni association/association			+	
Total standard			0	9	3	0
Standard "Faculty of professors and academic staff"						
79	1	The HEI should have an objective and transparent HR policy in the context of the OPs, including recruitment (including visiting teaching staff), professional growth and development of staff, ensuring professional competence of the whole staff		+		
80	2	The HEI should demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, the HEI strategy, and the objectives of the OPs		+		
81	3	OP leadership must demonstrate a change in the role of the faculty member in relation to the shift to student-centred learning and teaching		+		
82	4	The HEI should provide opportunities for career growth and professional development of the teaching staff, including young teachers		+		
83	5	The HEI should involve in teaching specialists of relevant industries, who have professional competences, corresponding to the requirements of the OP		+		
84	6	The HEI should demonstrate the existence of a mechanism of motivation for professional and personal development of the teaching staff	+			

85	7	The HEI should demonstrate a wide application of information and communication technologies and software tools in the educational process (e.g. on-line learning, e-portfolios, MOOCs, etc.).		+		
86	8	The university should demonstrate the focus of activities on the development of academic mobility, attracting the best foreign and domestic teachers		+		
87	9	The HEI should demonstrate the involvement of each faculty member in promoting the culture of quality and academic integrity in the HEI, determine the contribution of the teaching staff, including invited ones, to the achievement of the objectives of the EP		+		
88	10	An important factor is the involvement of faculty in the development of the economy, education, science and culture of the region and the country		+		
Total standard			1	9	0	0
Standard "Educational Resources and Student Support Systems"						
89	1	The HEI must guarantee the compliance of educational resources, including material and technical resources, and infrastructure with the objectives of the educational programme		+		
90	2	The OP management should demonstrate the availability of classrooms, laboratories and other facilities equipped with modern equipment and ensuring the achievement of OP objectives		+		
		The HEI should demonstrate the compliance of information resources with the needs of the HEI and the implemented OPs, including the following areas:				
91	3	technological support for students and faculty in accordance with educational programmes (e.g. online learning, modelling, databases, data analysis software)		+		
92	4	Library resources, including the collection of educational, methodological and scientific literature on general education, basic and specialised disciplines in hard copy and electronic media, periodicals, access to scientific databases		+		
93	5	Examination of research results, graduation papers, dissertations for plagiarism		+		

94	6	access to educational Internet resources		+		
95	7	operation of WI-FI on its territory		+		
96	8	The university should demonstrate that it creates conditions for conducting scientific research, integration of science and education, publication of the results of research work of the faculty, staff and students		+		
97	9	The HEI should strive to ensure that the educational equipment and software tools used for mastering educational programmes are similar to those used in the relevant sectors of the economy		+		
98	10	OP management should demonstrate that procedures are in place to support different groups of learners, including information and counselling		+		
99	11	The management of the OP must show the presence of conditions for the progress of the student on an individual educational trajectory		+		
100	12	HEI should take into account the needs of different groups of students (adults, working, international students, as well as students with special educational needs)		+		
101	13	The HEI should ensure that the infrastructure meets security requirements			+	
Total standard			0	12	1	0
Standard "Public Awareness"						
102	1	The information published by the university should be accurate, objective, relevant and reflect all areas of the university's activities within the framework of the educational programme.		+		
103	2	Public information should support and explain the national development programmes of the country and the higher and postgraduate education system		+		
104	3	The HEI management should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) to inform the general public and interested parties		+		
		Information published by the HEI about the educational programme should be objective and up-to-date and include:				

105	4	purpose and planned results of the programme, qualification to be awarded		+		
106	5	information and system of evaluation of students' academic achievements		+		
107	6	information on academic mobility programmes and other forms of cooperation with partner universities, employers			+	
108	7	information on opportunities to develop students' personal and professional competences and employment opportunities		+		
109	8	data reflecting the positioning of the EP on the market of educational services (at regional, national, international levels)		+		
110	9	An important factor is the publication on open resources of reliable information about faculty members, in terms of personalities		+		
111	11	The HEI should place information and links to external resources on the results of external evaluation procedures		+		
112	12	An important factor is the posting of information on cooperation and collaboration with partners, including scientific/consulting organisations, business partners, social partners and educational organisations		+		
Total standard			0	10	1	0
TOTAL			1	102	9	0

Annex 2. PROGRAMME FOR A VISIT TO AN EDUCATIONAL ORGANISATION



AGREED
Rector of JSC Kazakh University
K.Kulazhanov Technology and Business".
Baibolova L.K.
" ____ " ____ 2025



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІН
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ
НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»
INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

APPROVED
Director General
NU "Independent
Accreditation and Rating
Agency"
Zhumagulova A.B.
" ____ " ____ 2025

PROGRAMME VISIT OF THE EXTERNAL EXPERT COMMISSION OF THE INDEPENDENT ACCREDITATION AND RATING AGENCY (IAAR) TO "KAZAKH UNIVERSITY OF TECHNOLOGY AND BUSINESS" JSC NAMED AFTER K.KULAZHANOV (international specialised accreditation)

Date of the visit: 12-14 March 2025
***Astana city time**

Cluster 1	1) 7M07188 Automation and control (primary accreditation)
Cluster 2	2)7M04144 State and Local Government 3)6B04103 Accounting and Auditing 4)6B04107 State and Local Government
Cluster 3	5)6B11230 Life safety and environmental protection 6)6B05213 Ecology
Cluster 4	7)6B07223 Technology of processing industries (by branches) 8)6B07525 Standardisation and certification (by branches) 9)6B07220 Technology of food products (by branches)
Cluster 5	10) 6B11127 Tourism 11) 6B11126 Restaurant and hospitality business
Cluster 6	12) 6B11130 Sports tourism and excursion and recreational activities (primary accreditation)

Date and time	VEC work with target groups	Surname, first name, patronymic and position of the participants in the focus groups	Venue, Contact form
10 March 2025			
16.00-17.00	Preliminary meeting of the VEC	<i>IAAR external experts</i>	Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765 (<i>VEC only</i>)
Day 1: 12 March 2025			
10.00-10.30	Allocation of expert responsibilities, resolution of organisational issues	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765 (<i>VEC only</i>)
10.30-11.00	Meeting with the Rector	Baybolova Lyazzat Kemberbekovna - Rector of JSC Kazakh University of Technology and Business named after K.Kulazhanov	Block 1, 7th floor, Office 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
11.00-11.15	Technical break	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700
11.15-12.00	Meeting with Vice-Rectors	1) Eric Birlikovich Askarbekov - Vice-Rector for Educational and Methodological Work 2) Elaman Kanatovich Aibuldinov - Vice-Rector for Research and External Relations 3) Berdigaliuly Sayat - Vice-Rector for Educational and Social Work 4) Zhanzakov Zhandarbek Saduevich - Vice-Rector for Civil-Military Defence	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
12.00-12.15	Technical break	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700
12.15-13.00	Meeting with heads of structural subdivisions	1) Bayuzakova Altynai Seksenadilovna - Legal Support Department 2) Shagyrbay Meyramkul Amankyzy - Accounting and Reporting Department 3) Bayadilova Bakyt Melisovna - Educational and Methodological Department	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference

		4) Safira Zaitbekovna Abdykarimova - <i>International Relations and AM Department</i> 5) Aru Amankeldieva Tleuova - <i>Human Resources Department</i> 6) Madina Kapdrakhmanovna Ospanova - <i>Editorial and Publishing Department</i> 7) Eshpanov Vladimir Sarsembaevich - <i>Marketing Department of the Admissions Commission</i> 8) Safuani Zhanar Esenkulkyzy - <i>Office Registrar</i> 9) Aitmaganbetov Aset Laykovich - <i>Technical Support and Digitalisation Department</i> 10) Oryntaeva Akbota Edilovna - <i>Department of Educational and Social Work</i> 11) Omarova Raushan Zhumazhanovna - <i>Head of Library</i> 12) Orazbekov Yerkebulan Yerzhanovich - <i>Administrative and Economic Department</i> 13) Rauan Sharipbaevich Abdinov - <i>Science and Commercialisation Department</i> 14) Abdykarimova Safira Zaitbekovna - <i>Department of International Relations and Academic Mobility</i> 15) Suleimen Yerlan Malsuly - <i>technopark specialist</i>	https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
13.00-14.00	Lunch break	<i>IAAR external experts</i>	
14.00-14.50	Meeting with deans	1) Kanat Seitzkamalovich Mustafayev - <i>Dean of the Faculty of Economics and Service</i> 2) Gulzat Skendirovna Zhunusova - <i>Dean of the Faculty of Technology.</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
14.50-15.00	The work of the EEC	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765 (VEC only)
15.00-15.50	Meeting with the Heads of OPs	1) <i>Head of the Department "Information Technologies"</i> - Bulat Abutalibovich Serimbetov 2) <i>Head of the Department of Tourism and Service</i> - Aliya Anarkhanovna Zhunusova 3) <i>Head of Department "Chemistry, Chemical Technology and Ecology"</i> - Nurtay Zhadyra Tastenbekkyzya 4) <i>Head of the Department "Technology and Standardisation"</i> - Baitukenova Saule Baydildaevna Baitukenova 5) <i>Head of the Department of Economics and Management</i> - Baktybet Osem Serikkyzyy	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765

		Bakhtymbet 6) <i>Head of the Department of Finance and Accounting - Abzal Bazarbekovich Mukushev</i> Mukushev	
15.50-16.00	Technical break	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
16.00-16.45	Meeting with the CPS	<i>1 cluster</i> <i>(Annex No. 1)</i>	Classrooms / Auditorium No. 3/515 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
		<i>2 cluster</i> <i>(Annex No. 2)</i>	
		<i>3 cluster</i> <i>(Annex No. 3)</i>	
		<i>4 cluster</i> <i>(Annex No. 4)</i>	Classrooms / Auditorium No. 1/502 Connect to a Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
		<i>5 cluster</i> <i>(Annex No. 5)</i>	
		<i>6 cluster</i> <i>(Annex No. 6)</i>	
16.45-17.45	Questionnaire survey of teaching staff (<i>in parallel</i>)	<i>Annex 7 (list with valid e-mail addresses)</i>	<i>The link is sent to the teacher's email personally 5 min before the start of the questionnaire</i>
16.45-18.00	Visual inspection of the PA	<i>Annex 8 (Itinerary by cluster with responsible persons)</i>	<i>Along the route</i> Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
18.00-18.30	VEC work (discussion of results and summarising the results of day 1)	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765

19.00-20.00	Dinner	IAAR external experts	
Day 2: 13 March 2025			
10.00-10.30	VEC work (discussion of organisational issues)	IAAR external experts	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
10.30-11.10	Meeting with students	1 cluster (Annex No. 9)	Classrooms / Auditorium No. 3/515 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
		2 cluster (Annex No. 10) 3 cluster (Annex No. 11) 4 cluster (Annex No. 12) 5 cluster (Annex No. 13) 6 cluster (Annex No. 14)	Classrooms / Auditorium No. 1/502 Connect to a Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
11.10-12.10	Questionnaire survey of students (in parallel)	Annex No. 15 (list with valid e-mail addresses)	The link is sent to the learner's email personally 5 minutes before the start of the questionnaire
11.10-11.25	Technical break	IAAR external experts	Block 1, 7th floor, Study Hall 1/700

11.25-13.00	Work with departmental documents (<i>documents should be uploaded to the cloud by clusters in advance, if necessary, heads of departments will be invited to the Zoom online room</i>) and attendance of classes of faculty members according to the schedule (<i>Annex 16</i>)	1) <i>Head of the Department "Information Technologies"</i> - Bulat Abutalibovich Serimbetov 2) <i>Head of the Department of Tourism and Service</i> - Aliya Anarkhanovna Zhunusova 3) <i>Head of Department "Chemistry, Chemical Technology and Ecology"</i> - Nurtay Zhadyra Tastenbekkyzy 4) <i>Head of the Department "Technology and Standardisation"</i> - Baitukenova Saule Baydildaevna Baitukenova 5) <i>Head of the Department of Economics and Management</i> - Baktybet Əsem Serikkyzyzy Bakhtymbet 6) <i>Head of the Department of Finance and Accounting</i> - Abzal Bazarbekovich Mukushev Mukushev	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
13.00-14.00	Lunch break	<i>IAAR external experts</i>	
14.00-14.30	VEC work (exchange of views)	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
14.30-15.20	Attendance of the OP practice bases (in parallel by clusters)	<i>Annex No. 17 (route by clusters)</i>	Along the route
15.30-15.40	Technical break	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700
15.40-16.20	Meeting with OP employers	<i>Annex No. 18 (list for each cluster)</i>	Block 1, 7th floor, Study Hall 1/700 Cabinet / Auditorium No. 3/515, 1/502 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
16.20-16.30	Technical break	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700
16.30-17.15	Meeting with alumni	<i>Annex 19 (list for each cluster)</i>	Block 1, 7th floor, Study Hall 1/700 Cabinet / Auditorium No. 3/515,

			1/502 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
17.10-19.00	VEC work, discussion of the results of the second day and parameters of the profiles (<i>recording is in progress</i>)	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
19.00-20.00	Dinner	<i>IAAR external experts</i>	
Day 3: 14 March 2025			
10.00-11.30	Work of the EEC (development and discussion of recommendations) (<i>recorded</i>)	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
11.30-11.40	Technical break	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700
11.40-13.00	Work of the EEC, development and discussion of recommendations	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 <i>(Individualised work by an offline expert)</i>
13.00-14.00	Lunch break	<i>IAAR external experts</i>	
14.00-16.15	VEC work, discussion, decision-making by voting (<i>recording in progress</i>)	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID:

			389 293 1765
16.15-16.30	Technical break	<i>IAAR external experts</i>	Block 1, 7th floor, Study Hall 1/700
16.30-17.00	Final meeting of the VEC with the university management	<i>Heads of the university and structural subdivisions</i>	Block 1, 7th floor, Study Hall 1/700 Connect to a Zoom conference https://us02web.zoom.us/j/3892931765 Conference ID: 389 293 1765
18.00-19.00	Dinner	<i>IAAR external experts</i>	

Appendix 3. RESULTS OF THE PPS QUESTIONNAIRE

Results of anonymous questionnaire survey of the teaching staff
K. Kulazhanov Kazakh University of Technology and Business (KazUTB)

1. total number of questionnaires: 65

2. Your department:

Faculty of Economics and Service	37	56,9%
Faculty of Applied Sciences	28	43,1%

3. Position

Professor	10	15,4%
Associate Professor	22	33,8%
Senior Lecturer	25	38,5%
Teacher	4	6,2%
Head of Department	2	3,1%
Associate Professor	1	1,5%
Assistant Professor	1	1,5%

4. Academic degree, academic title

Honoured Worker of the Republic of Kazakhstan	0 people.	0%
Doctor of Sciences	4 people.	6,2%
Candidate of Sciences	17 people.	26,2%
Master	27 people.	41,5%
PhD	13 people.	20%
Professor	4 people.	6,2%
Associate Professor	2 people.	3,1%
No	2 persons	3,1%
DBA	0 people.	0%

5. Work experience

Less than 1 year	10 people.	15,4%
1 year - 5 years	27 people.	41,5%
Over 5 years	28 people.	43,1%

№	Questions	Very good	All right.	Relatively bad	Badly	Very badly.	No reply
6	To what extent does the content of the educational programme meet your academic and professional interests and needs?	51 people. (78,5%)	14 people. (21,5%)	0 people. (0%)	0 people. (0%)	0 people. (0%)	-
7	How do you assess the opportunities provided by the University for the professional development of the teaching staff?	37 people. (56,9%)	27 people. (41,5%)	1 person. (1,5%)	0 people. (0%)	0 people. (0%)	-
8	How do you assess the opportunities provided by the university for career development of the faculty?	27 people. (41,5%)	36 people. (55,4%)	2 people. (3,1%)	0 people. (0%)	0 people. (0%)	-
9	How do you assess the degree of academic freedom of the faculty?	24 people. (36,9%)	37 people. (56,9%)	3 people. (4,6%)	1 person. (1,5%)	0 people. (0%)	-
	To what extent are teachers able to use their own						
10	Strategies	32 people. (49,2%)	31 people. (47,7%)	2 people. (3,1%)	0 people. (0%)	0 people. (0%)	-
11	Methods	41 people. (63,1%)	24 people. (36,9%)	0 people. (0%)	0 people. (0%)	0 people. (0%)	-
12	Innovations in the learning process	40 people. (61,5%)	25 people. (38,5%)	0 people. (0%)	0 people. (0%)	0 people. (0%)	-
13	How do you assess the work on organisation of medical care and disease prevention at the university?	22 people. (33,8%)	37 people. (56,9%)	5 people. (7,7%)	1 person. (1,5%)	0 people. (0%)	-

14	How much attention is paid by the institution's management to the content of the educational programme?	46 people. (70,8%)	18 people. (27,7%)	1 person. (1,5%)	0 people. (0%)	0 people. (0%)	-
15	How do you assess the sufficiency and availability of necessary scientific and educational literature in the library?	36 people. (55,4%)	31 people. (47,7%)	3 people. (4,6%)	0 people. (0%)	0 people. (0%)	-
16	Evaluate the level of conditions created to meet the needs of different groups of learners	36 people. (55,4%)	29 people. (44,6%)	0 people. (0%)	0 people. (0%)	0 people. (0%)	-
	Evaluate the accessibility of the manual						
17	To the students	38 people. (58,5%)	26 people. (40%)	1 person. (1,5%)	0 people. (0%)	0 people. (0%)	-
18	Teachers	41 people. (63,1%)	21 people. (32,3%)	3 people. (4,6%)	0 people. (0%)	0 people. (0%)	-
19	Evaluate the involvement of faculty in managerial and strategic decision-making process	25 people. (38,5%)	37 people. (56,9%)	3 people. (4,6%)	0 people. (0%)	0 people. (0%)	-
20	How is innovation by faculty members encouraged?	27 people. (41,5%)	33 people. (50,8%)	4 people. (6,2%)	0 people. (0%)	1 person. (1,5%)	-
21	Assess the level of feedback from faculty to management	33 people. (50,8%)	30 people. (46,2%)	1 person. (1,5%)	1 person. (1,5%)	0 people. (0%)	-
22	What is the level of stimulation and involvement of young professionals in the educational process?	25 people. (38,5%)	36 people. (55,4%)	3 people. (4,6%)	1 person. (1,5%)	0 people. (0%)	-
23	Evaluate the opportunities created for professional and personal growth for each faculty and staff member	31 people. (47,7%)	30 people. (46,2%)	3 people. (4,6%)	1 person. (1,5%)	0 people. (0%)	-
24	Assess the adequacy of recognition of teachers' potential and abilities	29 people. (44,6%)	35 people. (53,8%)	1 person. (1,5%)	0 people. (0%)	0 people. (0%)	-
	How the work is organised						
25	On academic mobility	32 people. (49,2%)	29 people. (44,6%)	4 people. (6,2%)	0 people. (0%)	0 people. (0%)	-
26	On professional development of teaching staff	45 people. (69,2%)	19 people. (29,2%)	1 person. (1,5%)	0 people. (0%)	0 people. (0%)	-
	Evaluate the support of the university and its management						
27	Research endeavours of faculty members	31 people. (47,7%)	32 people. (49,2%)	1 person. (1,5%)	1 person. (1,5%)	0 people. (0%)	-
28	Development of new educational programmes/curricular disciplines/methods	42 people. (64,6%)	21 people. (32,3%)	2 people. (3,1%)	0 people. (0%)	0 people. (0%)	-
	Evaluate the level of faculty members' ability to combine teaching						
29	With scientific research	26 people. (40%)	34 people. (52,3%)	3 people. (4,6%)	2 people. (3,1%)	0 people. (0%)	-
30	With practical activities	25 people. (38,5%)	32 people. (49,2%)	7 people. (10,8%)	0 people. (0%)	1 person. (1,5%)	-
31	Assess the extent to which the knowledge of students received at this university corresponds to the realities of the requirements of the modern labour market	29 people. (44,6%)	34 people. (52,3%)	2 people. (3,1%)	0 people. (0%)	0 people. (0%)	-
32	How do the management and administration of the university perceive criticism?	11 people. (16,9%)	52 people. (80%)	1 person. (1,5%)	0 people. (0%)	1 person. (1,5%)	-
33	Evaluate how well your study load matches your expectations and capabilities	28 people. (43,1%)	34 people. (52,3%)	2 people. (3,1%)	1 person. (1,5%)	0 people. (0%)	-

34	Evaluate the focus of educational programmes/curricula on the formation of students' abilities and skills to analyse the situation and make forecasts	29 people. (44,6%)	36 people. (55,4%)	0 people. (0%)	0 people. (0%)	0 people. (0%)	-
35	Assess the extent to which the educational programme meets the expectations of the labour market and employers in terms of content and quality of implementation	32 people. (49,2%)	33 people. (50,8%)	0 people. (0%)	0 people. (0%)	0 people. (0%)	-

36. Why do you work at this particular university?

I like this school

The image of the university is high. Incentive measures are very high.

My speciality

SPECIALITY

Like the processes of innovation and innovation processes

Once I'm in line with my profession.

Working conditions, team

I am impressed by the spiritual and professional potential of my colleagues

Social responsibility and sustainable development are developed in Kazutb. Responsibility and sustainable development. like

If you are not sure how to use a university or university of higher education, please contact your local university.

I've been working for a long time, the team is good

Salary is higher than other universities

Friendly atmosphere in the department, active research-pedagogical activities

The only university in the capital that trains specialists in mining engineering

I work at this university because it offers favourable conditions for teaching and research, as well as opportunities for professional growth

Salary

Salary

Like it

There is an opportunity for growth of scientific potential

total job satisfaction

Good colleagues

According to my current requirements.

I like working here

Having knowledge and experience to pass on to young people

Comfortable climate and great opportunities for further growth

Good team

It is convenient to combine work and science. Good salary, motivation is welcome

An important factor is that the university supports work in scientific projects and research.

Liked,

Salary is high.

I got a job by chance, I like the attitude of the teaching staff at the Department.

I really like this HEI, high salary, attitude to ppl

By speciality

educational programmes are of interest

Provides many opportunities for professional growth

According to the place of residence

A promising university where there are all opportunities for professional development and development of educational programmes

There are many advantages of this university

Because of the friendly staff and good academic aura.

That's my comfort zone

Work related to Ecology

At the moment the university gives me all the opportunities for growth and development

I'm studying at another university

This is because it creates favorable conditions for the worker and the salary is high

The conditions for teachers are created

Because I really like the Kazakh University of technology and business named after K. Kulazhanov in all respects

I like this university, first of all, the staff of the university is focused on education and upbringing, there is a high level of culture among teachers and students, moral qualities and organization. In my pedagogical activity, I worked at only two universities. I came from Almaty with a family background from the National University and got a job at this university. I really like the University in all respects!

Salary is good, friendly atmosphere

Prospects for growth, salary, warm team

I like the working conditions

Sebebi, karym katynas and eñbekakaky zhaksy

Lots of opportunities for research and development and good career prospects, sufficient remuneration

Favourite job

I love my profession and my children very much. I want them to be qualified and in demand.

I like KazUTB.

37. How often are masterclasses and reading topics with practitioners organised as part of your course?

very often	17 people.	26,2%
often	32 people.	49,2%
sometimes	14 people.	21,5%
very rare	1 person.	1,5%
never	1 person.	1,5%

38. How often do external guest lecturers (domestic and foreign) participate in the training process?

very often	12 people.	18,5%
often	34 people.	52,3%
sometimes	17 people.	26,2%
very rare	2 people.	3,1%
never	0 people.	0%

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

	Often	Sometimes.	Never	No answer
Lack of classrooms	2 people. 3,1%	25 people. (38,5%)	38 people. (58,5%)	-
Unbalanced teaching load by semesters	4 people. 6,2%	24 people. (36,9%)	37 people. (56,9%)	-
Inaccessibility of necessary literature in the library	1 person. 1,5%	23 people. (35,4%)	41 people. (63,1%)	-
Overcrowding of study groups (too many students in a group)	1 person. 1,5%	15 people. (23,1%)	49 people. (75,4%)	-
Inconvenient timetable	3 people. 4,6%	20 people. (30,8%)	42 people. (64,6%)	-
Inadequate conditions for classrooms		19 people. 29,7%	45 people. (70,3%)	-
No internet access/weak internet connection	5 people. 7,7%	20 people. (30,8%)	40 people. (61,5%)	-
Lack of students' interest in learning	1 person. 1,5%	28 people. (43,1%)	36 people. (55,4%)	-
Failure to receive information on activities in a timely manner	3 people. 4,6%	11 people. (16,9%)	51 people. (78,5%)	-
Lack of technical facilities in classrooms	2 people. 3,1%	24 people. (36,9%)	39 people. (60%)	-
Other issues	No problem no No problems No Planar and annual updating of the modern educational and scientific material base All problems There is no assembly hall CHS SRS, SRS do not learn Poka what to see No What can I do? No problems It would be nice if the salary was brought to 350,000-400,000 tenge aol in accordance with this fixed load. It would be nice to give a reward in between. Test net Magistracy need to open Netu Everything suits Test no No Open interest will only be held during the competition No other problem no other problem There were no other problems			

	No problem The competition for the release of PPS every year no problem what a terrible problem
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40. There are many different sides and aspects of university life that affect every faculty and staff member in one way or another. Evaluate how satisfied you are:

Question	Completely satisfied	Partially satisfied	Unsatisfied	I can't answer that
The attitude of the university administration towards you	50 people. (76,9%)	14 people. (21,5%)	0 people. (0%)	1 person. (1,5%)
Relationship with direct management	50 people. (76,9%)	14 people. (21,5%)	1 person. (1,5%)	0 people. (0%)
Relationships with colleagues in the department	58 people. (89,2%)	7 people. (10,8 %)	0 people. (0 %)	0 people. (0%)
Participation in management decision-making	43 people. (66,2%)	21 people. (32,3%)	1 person. (1,5%)	0 people. (0%)
Relationship with students	60 people. (92,3%)	5 people. (7,7%)	0 people. (0%)	0 people. (0%)
Your successes and achievements have been recognised by the administration	45 people. (69,2%)	16 people. (24,6%)	1 person. (1,5%)	3 people. (4,6%)
Supporting your suggestions and comments	46 people. (70,8%)	17 people. (26,2%)	1 person. (1,5%)	1 person. (1,5%)
The activities of the university administration	53 people. (81,5%)	12 people. (18,5%)	0 people. (0%)	0 people. (0%)
Terms and conditions of remuneration	43 people. (66,2%)	21 people. (32,3%)	1 person. (1,5%)	0 people. (0%)
Working conditions, list and quality of services provided at the university	49 people. (75,4%)	16 people. (24,6%)	0 people. (0%)	0 people. (0%)
Occupational health and safety	57 people. (87,7%)	7 people. (10,8%)	1 person. (1,5%)	0 persons. (0%)
Management of changes in the university's activities	49 people. (75,4%)	16 people. (24,6%)	0 people. (0%)	0 people. (0%)
Provision of a social package: holidays, sanatorium treatment, etc.	23 people. (35,4%)	23 people. (35,4%)	13 people. (20%)	6 people. (9,2%)
Organisation and quality of catering at the university	39 people. (60%)	18 people. (27,7%)	5 people. (7,7%)	3 people. (4,6%)
Organisation and quality of medical care	41 people. (63,1%)	16 people. (24,6%)	3 people. (4,6%)	5 people. (7,7%)



Annex 4: RESULTS OF THE LEARNING ASSESSMENT REQUEST

**Results of anonymous questionnaire survey of students
K. Kulazhanov Kazakh University of Technology and Business (KazUTB)**

Total number of questionnaires: 71

1. Your educational programme

7M07188 Automation and control	0	0
7M04144 State and Local Government	13	18,3%
6B04103 Accounting and Auditing	0	0
6B04107 State and Local Government	7	9,9%
6B11230 Life safety and environmental protection	0	0
6B05213 Ecology	0	0
6B07223 Technology of processing industries (by branches)	5	7%
6B07525 Standardisation and certification (by branches)	16	22,5%
6B07220 Technology of food products (by branches)	1	1,4%
6B11127 Tourism	8	11,3%
6B11126 Restaurant and hospitality business	18	25,4%
6B11130 Sports tourism and excursion and recreational activities	2	2,8%
Economics and service	1	1,4%

2. Gender

male. 46 people. 64,8 %
female 25 people. 35,2 %

3. Doing so will cause the device to become uncomfortable: (Rate how satisfied you are with the following:)

Questions	Completely satisfied	Partially satisfied	Partially unsatisfied	Unsatisfied	I'm having trouble reply
1.Relationship with the dean's office	58 people (81,7%)	12 persons (16,9%)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)
2.The level of accessibility of the dean's office	62 people (87,3%)	6 persons (8,5%)	2 persons (2,8 %)	1 person (1,4 %)	0 persons (0 %)
3.Level of accessibility and responsiveness of university management	60 persons (84,5%)	7 people (9,9%)	4 persons (5,6%)	0 persons (0 %)	0 persons (0 %)
4.Accessibility of academic counselling to you	59 people (83,1 %)	9 persons (12,7%)	2 persons (2,8%)	0 persons (0 %)	1 person (1,4%)
5.Support with training materials during the training process	63 persons (88,7%)	7 people (9,9%)	0 persons (0 %)	0 persons (0 %)	1 person (1,4 %)
6.Accessibility of counselling for personal problems	60 persons (84,5%)	9 persons (12,7 %)	1 person (1,4%)	0 persons (0 %)	1 person (1,4%)
7.The relationship between the student and the instructor	57 people (80,3%)	12 persons (16,9%)	1 person (1,4 %)	0 persons (0 %)	1 person (1,4%)
8.Financial and administrative services of the educational institution	55 people (77,5%)	14 persons (19,7 %)	1 person (1,4 %)	0 persons (0 %)	1 person (1,4%)
9.Accessibility of health care services	54 persons (76,1%)	13 persons (18,3%)	1 person (1,4 %)	1 person (1,4 %)	2 persons (2,8%)

Questions	Completely satisfied	Partially satisfied	Partially unsatisfied	Unsatisfied	I'm having trouble reply
10.Quality of medical care at the university	56 persons (78,9%)	11 persons (15,5%)	0 persons (0 %)	0 persons (0 %)	4 persons (5,6%)
11.Level of accessibility of library resources	60 persons (84,5%)	7 people (9,9%)	2 persons (2,8%)	1 person (1,4 %)	1 person (1,4 %)
12.The quality of services provided in libraries and reading rooms	62 people (87,3%)	7 people (9,9%)	0 persons (0 %)	1 person (1,4 %)	1 person (1,4 %)
13.Satisfaction with the existing educational resources of the university	58 people (81,7%)	12 persons (16,9%)	0 persons (0 %)	1 person (1,4 %)	0 persons (0 %)
14.Accessibility of computer labs	58 people (81,7%)	10 persons (14,1%)	0 persons (0 %)	3 persons (4,2%)	0 persons (0 %)
15.Availability and quality of Internet resources	56 persons (78,9%)	12 persons (16,9%)	2 persons (2,8%)	1 person (1,4 %)	0 persons (0 %)
16.Content and information content of the web site of educational organisations in general and faculties (schools) in particular	61 persons (85,9%)	8 persons (11,3%)	2 persons (2,8%)	0 persons (0 %)	0 persons (0 %)
17.Training rooms, classrooms for large groups	53 persons (74,6%)	12 persons (16,9%)	6 persons (8,5%)	0 persons (0 %)	0 persons (0 %)
18.Student lounges (if available)	41 persons (57,7 %)	13 persons (18,3 %)	9 persons (12,7 %)	4 persons (5,6 %)	4 persons (5,6 %)
19.Clarity of the procedure for taking disciplinary action	58 people (81,7%)	10 persons (14,1%)	0 persons (0 %)	0 persons (0 %)	3 persons (4,2%)
20.The quality of the educational programme as a whole	58 people (81,7%)	13 persons (18,3 %)	0 persons (0 %)	0 persons (0%)	0 persons (0 %)
21.The quality of the curricula in the OP	58 people (81,7%)	11 persons (15,5%)	1 person (1,4%)	0 persons (0%)	1 person (1,4%)
22.Teaching methods in general	60 persons (84,5%)	11 persons (15,5%)	0 persons (0%)	0 persons (0%)	0 persons (0%)
23.Responsiveness to feedback from teachers on the learning process	58 people (81,7%)	12 persons (16,9%)	1 person (1,4%)	0 persons (0%)	0 persons (0%)
24.The quality of teaching in general	61 persons (85,9%)	10 persons (14,1%)	0 persons (0 %)	0 persons (0%)	0 persons (0%)
25.Academic load/student requirements	56 persons (78,9%)	12 persons (16,9%)	2 persons (2,8%)	1 person (1,4%)	0 persons (0 %)
26.Faculty requirements for the student	54 persons (76,1%)	14 persons (19,7 %)	1 person (1,4%)	1 person (1,4%)	1 person (1,4%)
27.Information support and explanation of the rules of admission and the strategy of the educational programme (speciality) before entering the university	57 people (80,3%)	13 persons (18,3%)	0 persons (0 %)	1 person (1,4%)	0 persons (0 %)
28.Informing of the requirements for successful completion of the given educational programme (speciality)	61 persons (85,9%)	9 persons (12,7 %)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)

Questions	Completely satisfied	Partially satisfied	Partially unsatisfied	Unsatisfied	I'm having trouble reply
29.Quality of examination materials (tests and examination questions, etc.)	62 people (87,3%)	9 persons (12,7%)	0 persons (0 %)	0 persons (0 %)	0 persons (0 %)
30.Objectivity in assessing knowledge, skills and other learning achievements	58 people (81,7%)	13 persons (18,3%)	0 persons (0 %)	0 persons (0 %)	0 persons (0 %)
31.Available computer labs	57 people (80,3%)	11 persons (15,5%)	0 persons (0 %)	1 person (1,4%)	2 persons (2,8%)
32.Available scientific laboratories	55 people (77,5%)	11 persons (15,5%)	0 persons (0 %)	1 person (1,4%)	4 persons (5,6 %)
33.Objectivity and fairness of teachers	54 persons (76,1%)	16 persons (22,5 %)	1 person (1,4 %)	0 persons (0 %)	0 persons (0 %)
34.Informing students about courses, educational programmes and the academic degree they are receiving	59 people (83,1%)	10 persons (14,1%)	0 persons (0 %)	0 persons (0 %)	2 persons (2,8%)
35.Providing students with dormitory accommodation	55 people (77,5%)	9 persons (12,7%)	2 persons (2,8 %)	0 persons (0 %)	5 persons (7%)

39. Rate the extent to which you agree:

Approval	Full consent	I agree	I partially agree	I don't agree	Total disagreement	No reply
1. The course programme was clearly presented	54 persons (76,1%)	16 persons (22,5%)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)	-
2. The course content is well structured	57 people (80,3%)	12 persons (16,9 %)	2 persons (2,8 %)	0 persons (0 %)	0 persons (0 %)	-
3. Key terms are sufficiently explained	56 people (78,9%)	15 persons (21,1%)	0 persons (0 %)	0 persons (0 %)	0 persons (0 %)	-
4. The material proposed by the teacher is relevant and reflects the latest achievements of science and practice	53 persons (74,6%)	18 persons (25,4%)	0 persons (0 %)	0 persons (0 %)	0 persons (0 %)	-
5. The teacher uses effective teaching methods	54 persons (76,1%)	16 persons (22,5%)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)	-
6. The teacher is proficient in the material taught	54 persons (76,1%)	17 people (23,9%)	0 persons (0 %)	0 persons (0 %)	0 persons (0 %)	-
7. The teacher's presentation is clear	54 persons (76,1%)	17 people (23,9%)	0 persons (0 %)	0 persons (0 %)	0 persons (0 %)	-
8. The teacher presents the material in an interesting way	52 persons (73,2%)	17 people (23,9%)	2 persons (2,8%)	0 persons (0 %)	0 persons (0 %)	-
9. Objectivity of assessment of knowledge, skills and other learning achievements	57 people (80,3%)	13 persons (18,3%)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)	-
10. Timeliness of assessment of students' academic achievements	57 people (80,3%)	13 persons (18,3%)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)	-
11. The teacher fulfils my requirements for personal development and professional formation	55 people (77,5%)	11 people (15,5%)	4 persons (5,6 %)	1 person (1,4%)	0 persons (0 %)	-

12. The instructor stimulates students' activity	53 persons (74,6%)	16 persons (22,5%)	2 persons (2,8 %)	0 persons (0 %)	0 persons (0 %)	-
13. The instructor stimulates students' creative thinking	52 persons (73,2%)	16 persons (22,5%)	3 persons (4,2 %)	0 persons (0 %)	0 persons (0 %)	-
14. Appearance and manners of the teacher are adequate	58 people (81,7%)	11 people (15,5%)	2 persons (2,8%)	0 persons (0 %)	0 persons (0 %)	-
15. The instructor displays a positive attitude towards students	56 persons (78,9%)	13 persons (18,3%)	2 persons (2,8%)	0 persons (0 %)	0 persons (0 %)	-
16. The system of assessment of learning achievements (seminars, tests, questionnaires, etc.) reflects the course content	54 persons (76,1%)	14 persons (19,7%)	3 persons (4,2%)	0 persons (0 %)	0 persons (0 %)	-
17. The evaluation criteria used by the teacher are clear	52 persons (73,2%)	18 persons (25,4%)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)	-
18. The instructor objectively evaluates students' achievements	56 persons (78,9%)	14 persons (19,7%)	1 person (1,4%)	0 persons (0 %)	0 persons (0 %)	-
19. The teacher speaks the professional language	57 people (80,3%)	12 persons (16,9 %)	2 persons (2,8%)	0 persons (0 %)	0 persons (0 %)	-
20. The organisation of education provides sufficient opportunity for sports and other leisure activities	48 people (67,6%)	18 persons (25,4 %)	2 persons (2,8%)	2 persons (2,8%)	1 person (1,4%)	-
21. Facilities and equipment for students are safe, comfortable and up-to-date	52 persons (73,2%)	15 persons (21,1%)	4 persons (5,6%)	0 persons (0 %)	0 persons (0 %)	-
22. The library is well equipped and has a reasonably good collection of books	54 persons (76,1%)	15 persons (21,1%)	2 persons (2,8%)	0 persons (0 %)	0 persons (0 %)	-
23. Equal opportunities are provided to all learners	55 people (77,5%)	16 persons (22,5%)	0 persons (0 %)	0 persons (0 %)	0 persons (0 %)	-

40. Other problems of quality of Education (Other Problems):

Net. There are no other problems. I'm full

No problem. No.

No other problems

Not everyone liked

I like everything, so I think there is no problem.

There are no other problems.

No other problems

No

All ahead, but the graduates need to be more active and hope to interest students

What did he do?

No problem, I am satisfied. No

We are all fine, I am satisfied with all the teachers, the dean's office.

All at the highest level