



«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 Committee evaluation
for compliance with the requirements of the IAAR standards for
specialised accreditation of educational programmes of higher and/or
postgraduate education (Republic of Kazakhstan)
of educational programmes

6B07112 – "Transport, Transport Engineering and Technology",
6B08716 - "Agrarian Engineering and Technology", 6B08127 -
"Agronomy", 6B07108 - "Automation and Management", 6B06107 -
"Computer Engineering and Software" PI "Kostanay Engineering and
Economics University named after M. Dulatov" in the period from
December 13 to 15, 2023

*Independent Association of Accredited Registrars
External Expert Committee*

*Addressed
to Accreditation
board NAAR*



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PI "Kostanay Engineering and Economics University named after M. Dulatov" in
the period from December 13 to 15, 2023**

Kostanay

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(I) LIST OF NOTATIONS AND ABBREVIATIONS

AC - Attestation Commission;
 JSC - joint-stock company;
 AP - academic policy;
 AD -academicdevelopment;
 ACS - automated control system;
 AMP - administrativeand managerial personnel;
 IRD - internal regulatory documentation;
 HEI - higher education institution;
 SOSHPE - State Obligatory Standard of Higher and Postgraduate Education;
 SOSE - State Obligatory Standard of Education;
 SOSE RK - state obligatory standard of education of the Republic of Kazakhstan;
 GA - government agency;
 SPPC - State Pension Payment Centre;
 JD - jobdescriptions;
 EU - European Union;
 ICT - information and communication technology;
 IS - information system;
 ISP - individual study plan;
 KEnEU - Kostanay Engineering and Economics University;
 CDEP -Committee for Development of Educational Programmes;
 CTA - comprehensive testing of applicants;
 CED -catalogue of elective disciplines;
 MIID - Ministry of Industry and Infrastructural Development;
 MSHE RK - Ministry of Science and Higher Education of the Republic of Kazakhstan;
 MEP - modular educational programme;
 NAAR - Independent Association of Accredited Registrars;
 SR&EDW - scientific research and experimental design work;
 RW - research work;
 NED - National Educational Database;
 NLA - normativelegal act;
 NCE - National Chamber of Entrepreneurs;
 NQF -National Qualifications Framework;
 RCYL - regional children's and youth library;
 EP -educational programme;
 OHS - Occupational Health and Safety;
 RUSL - regional universal scientific library;
 PP -professional practice;
 TS - teaching staff;
 RK - Republic of Kazakhstan;
 RIEL - Republican Interuniversity Electronic Library;
 LO - learningoutcomes;
 WC - working curriculum;
 Media - mass media;
 SSS - student scientificsociety;
 IWS - independent work of the student;
 IWSWT - independent work of the student with the teacher;
 ST - safetytechnique;

LLP - Limited Liability Partnership;
ESP - Educational Support Personnel;
TMCD - teaching-methodical complex of discipline;
TMC - teaching-methodical council;
CU - curriculum;
AC - academic council;
CLS - central library system;
SSC - student service centre;
PI - private institution;
EL - Electronic Library.



(II) INTRODUCTION

In accordance with the order No. 174-230Д dated 13.10.2023 of Director General of "Independent Association of Accredited Registrars" dated from December 13 to 15, 2023 the external expert commission conducted an assessment of compliance of educational programmes 6B07112 "Transport, ransport engineering and technology", 6B08716 "Agrarian engineering and technology", 6B08127 "Agronomy", 6B07108 "Automation and management", 6B06107 "Computer science and software" in PI "Kostanay Engineering and Economics University named after M. Dulatov" (Kostanay) to standards of specialized accreditation of educational programme of higher and (or) postgraduate education IAAR (No.57-20-ОД dared June "16", 2020, sixth edition).

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

Composition of the EEC:

Chairman of the EEC - Andrey Valerievich Tamyarov, Candidate of Technical Sciences, Associate Professor of "Ulyanovsk State Technical University" (Ulyanovsk, Russian Federation); *Off-line participation*

IAAR Expert - Abilmazhinov Ermek Tolegenovich Abilmazhinov, Doctor of Technical Sciences, Professor of "Shakarim University of Semey City" (Semey); *Off-line participation*

IAAR Expert - Timur Saatdinovich Kartbaev PhD, Academician of Kazakh National Women's Pedagogical University (Almaty); *On-line participation*

IAAR Expert - Aliya Askerovna Baitelenova, PhD, Saken Seifullin Kazakh Agrotechnical Research University (Astana); *Off-line participation*

IAAR Expert - Dilnara Ikramkhanova Zakirova, PhD, Research Professor of Turan University (Almaty); *Off-line Participation*

IAAR expert, employer - Leyla Maratovna Zhaiykbaeva, HR Department of the Chamber of Entrepreneurs "Atameken" Astana (Astana); *On-line participation*

IAAR expert, student - Sisenova Tolganay, Master's student of the 1st year, EP "Management", Turan University (Almaty); *On-line participation*

IAAR expert, student - Aydos Myrzataevich Ualiev, 3rd year student, EP "Agrarian Engineering and Technology" of Sh. Ualikhanov Kokshetau University (Kokshetau); *On-line participation*

IAAR EEC Coordinator - Bekenova Dinara Kairbekovna, IAAR Project Manager (Astana); *Off-line participation.*

(III) REPRESENTATION OF THE EDUCATIONAL ORGANISATION

Kostanay Engineering and Economics University named after M. Dulatov (KEnEU) is a private higher education institution with the status of a legal entity, implementing professional educational programmes of higher and postgraduate education.

Educational activity in the direction of Bachelor's degree is implemented in accordance with the state licence of Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan No. 12020748 dated 05.11.2012.

There are 5 departments and corresponding structural subdivisions in the structure of the University. The organisational structure of KEnEU is presented on the official website of the University <https://kineu.edu.kz/>.

The University trains specialists in 17 Bachelor's and 9 Master's degree programmes. Education is implemented in the state and Russian languages. The term of study in full-time basic form of 4 years.

At the beginning of the 2023 academic year the contingent of students is 1689 people, including 1648 students on bachelor's degree programmes, 41 students on master's degree programmes.

The total number of faculty members is 187, including 3 Drs. of Science, 60 MDs, 6 PhDs, 33 MAs.

KEnEU named after M. Dulatov participates in national rankings, in recent years in the rating of Independent Association of Accredited Registrars (IAAR) takes the following positions: for 2021 - 18th place, for 2022 - 16th place and for 2023 - 17th place. Also, the EPs under consideration participate in the rating of educational programmes conducted by NCE "Atameken".

The Quality Assurance Policy has been formed in KEnEU named after M. Dulatov, in accordance with which the university activities are implemented within the selected development strategy and is fixed by the document "Guidelines for the system of internal quality assurance of education in PI " Kostanay Engineering and Economic University named after M. Dulatov" (approved by the Rector's order No. 19/1 dated 31.08.2020).

The University actively implements national and regional priorities in the field of education, science and youth policy and positions itself as a university with a modern management system, providing quality educational services based on the integration of education, science and production.

Mission - "We train professionals with entrepreneurial and business thinking skills. We build relationships on the principles of honest and open work"

The vision is for KEnEU to become an entrepreneurial, socially responsible university.

The strategic goal of development is to become the leading higher education institution of engineering and economics in the Northern region of the Republic of Kazakhstan.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

On January 25, 2019 at the meeting of the Accreditation Council of the NAAR the following decision was made on Kostanay Engineering and Economics University named after M. Dulatov: - On international institutional reaccreditation of Kostanay Engineering and Economics University named after M. Dulatov for a period of 5 years; - On international specialised reaccreditation of educational programmes:

"Transport, transport engineering and technology", "Agricultural engineering and technology", "Automation and Control", "Computer Science and Software", and "Agronomy" for a period of 5 years.

The following recommendations were made as a result of the EEC evaluation:

Standard "Education Programme Management"

1.1 EEC recommendation

Carry out a set of activities to update and disseminate the Internal Quality Assurance Policy to reflect the university's identity.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and the official website of the University notes that the University management has developed a document that ensures and reflects the requirements of the internal quality policy, which is posted on the University website.

1.2 EEC recommendation

Conduct training for heads of departments and educational programmes in the field of risk management, implement risk management at the level of structural units, processes and educational programmes.

The expert, based on the study of the final report on the implementation of the EEC recommendations and analysis of the submitted documents, notes that the heads of the departments, which are assigned to the accredited educational programmes, have taken courses in educational management. This is confirmed by the certificate of completion of the advanced training course "Risk Management in the Educational Process Management System" in the amount of 72 hours.

1.3 EEC recommendation

To analyse and compare accredited educational programmes with similar programmes on an ongoing basis.

The Expert notes that the information provided in the final report is not in line with this recommendation.

Standard "Information Management and Reporting"

2.1 EEC recommendation

To introduce an electronic document management system into the university management process.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and analysis of the documents submitted, notes that the university has implemented doculite.kz in the document management process at the administration level. At present it is suspended in use, due to the fact that the services of using this system have become much more expensive. To date, the process of choosing another system is underway, the following platforms are under consideration: SalemOffice, Idocs, ΔOC-V.

2.2 Recommendation

Develop and implement a regulation on the university website with the appointment of responsible persons and regulations for updating information.

The expert notes that the university has developed and approved a "Website Regulation" with the appointment of responsible persons and regulations for updating information. The Regulations are posted on the official website of the University.

2.3 EEC recommendation

Organise an asynchronous communication facility for student and faculty communication in a distance delivery system with message history retention.

The expert notes that for asynchronous communication between students and teachers in the distance learning system, a chat room with message history storage has been developed. Notifications of new messages are organised in the personal profile of the learner and the teacher. Each teacher can start a chat with any learner, and a learner can start a new dialogue only with the teachers who teach classes in his group, adviser, head of department, deputy head of department, dean and deputy dean. Correspondence on open dialogues is not limited in duration.

Standard "Development and Approval of Educational Programmes"

3.1 EEC recommendation

Strengthen the role of learners in ensuring the quality of educational programmes.

The expert notes that students are actively involved in the design and development of educational programmes. For all accredited educational programmes there is documentary evidence of students' participation in the development of educational programmes posted on the university website.

3.2 EEC recommendation

Expand the list of joint and/or double-diploma programmes with foreign universities.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC, notes that the accredited ePs are working on signing a cooperation agreement with universities of CIS countries on the possibility of developing joint educational programmes and programmes of double degree education.

Conclusion: The recommendation is being implemented (60 per cent).

3.3 EEC recommendation

To consider the issue of harmonisation of educational programmes with the leading universities of RK, implementing similar educational programmes.

The expert notes that the EP "Transport, transport equipment and technologies", "This recommendation has not been implemented to date. The implementation of this recommendation has been postponed to 2024.

This recommendation is implemented within the Erasmus+ programme under the AgroQaZ project "Development of a Bachelor's programme in Agroecology with dual education in Kazakhstan".

3.4 EEC recommendation

Consider the possibility of internships for teaching staff and programme managers in other educational organisations implementing similar EPs.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC notes that the University has made plans for staff training to implement this recommendation. The University pays for internships in other educational organisations for teaching staff and heads of teaching programmes. In addition, the teaching staff on a regular systematic basis improves professional knowledge and acquires skills by participating in various programmes of scientific internships.

3.5 EEC recommendation

To develop a system of introducing research elements into the content of accredited EPs.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and the analysis of the submitted documents, notes that the university

the work on introduction of research elements into the content of accredited programmes is carried out on a permanent basis. The confirmation is the availability of Acts of implementation in the educational process and production.

Student-centred learning, teaching and assessment of learning standard

5.1 EEC recommendation

Include in the development plans of educational programmes the introduction of new forms and methods of teaching and learning, provide feedback on the effectiveness of their use.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and the official website of the university notes that the development plans for 2020-2025 were developed for accredited EPs in 2020, which are publicly available on the official website of the university. In the development plans the item 5 was introduced

"Measures to introduce new forms and methods of teaching and learning, providing feedback on the effectiveness of their use".

5.2 EEC recommendation

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

The expert notes that the university organised a training seminar for teachers on "Digital Literacy and the use of ICT in the education system" and a seminar for young teachers on "Preparation of the teaching process and development of primary documentation". But there is no confirmation of its own research on teaching methodology and assessment of learning outcomes.

5.3 EEC recommendation

Reflect information on the progress of training and current learning assessments in the distance learning system and organise access to them for learners.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and the official website of the university notes that the university has developed the relevant functionality on the SDO portal (<https://sdo.kineu.kz>).

5.4 EEC recommendation

Increase the share of knowledge assessment in written form when conducting end-of-term controls and examinations.

The expert, on the basis of the study of the final report on the implementation of the EEC recommendations, notes that in the first half of the academic year 2022-2023, the examination session for full-time students was envisaged with the following forms of control:

- computerised testing;
- project defence;
- oral examination by tickets (in the university auditorium);
- written exam.

For students studying with the use of distance education technologies, all control activities were conducted through computer testing, including the use of proctoring system.

The "Learners" standard

6.1 EEC recommendation

Organise work to attract foreign applicants to study at the university.

The expert, based on the study of the final report on the activities on the implementation of the recommendations of the EEC and analysis of the submitted materials, notes that the university

To attract applicants from CIS countries and Russian-speaking students from the Near and Far Abroad, the work on attracting agents, including from among Kazakh communities, participation in education forums, cooperation with the Bolashak Centre, etc. continues. Open Doors Days are held.

Additional Instagram pages have been created for the Career Centre, Alumni Association and departments for accredited EPs.

6.2 EEC recommendation

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

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and analysis of the submitted materials notes that the university is systematic work on the development of external and internal academic mobility of students. Mobility is mainly internal, students are sent mainly to Kazakhstani universities.

Within the framework of academic mobility the University needs to strengthen the work on sending students to universities of near and far abroad countries, as well as attracting students from these universities.

Conclusion: *The recommendation is being implemented (80 per cent).*

6.3 EEC recommendation

To enhance the role of the Alumni Union in the activities of the University.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and the official website of the university, analysing the submitted materials notes, that activities Alumni Union alumni is regulated by the regulations and work plan. Every year the work plan of the Alumni Association is developed and placed in free access on the university website. There is also a form for joining the Alumni Association on the university website. The Alumni Association account @alumni_assn.kineu in the social network Instagram is actively used.

6.4 EEC recommendation

To provide research work with students of accredited educational programmes.

The expert, based on the study of the final report on the implementation of the EEC recommendations and analysis of the submitted documents, notes that students of the accredited educational programmes are actively involved in RW: they participate as executors in RW funded by various development institutions; they participate in scientific and practical conferences of various levels, scientific competitions, exhibitions, forums; they perform student RW.

Standard "Faculty of professors and academic staff"

7.1 EEC recommendation

Strengthen the work on academic mobility of teaching staff and attraction of the best foreign and domestic teachers.

The expert, based on the study of the final report on the activities on the implementation of the EEC recommendations and analysis of the submitted materials, notes that this recommendation was originally given for EP 6B11319-"Logistics". Post-accreditation monitoring for EP 6B11319-"Logistics" is not foreseen within the framework of Stage 2.

7.2 EEC recommendation

To organise on a regular basis professional development courses for teaching staff on the profile of accredited programmes.

The expert, based on the study of the final report on the implementation of the EEC recommendations and the analysis of the submitted materials, notes that the university has organised continuous work on taking refresher courses.

qualification of teaching staff in the profile of accredited programmes. This work is implemented by the KEnEU Human Resources Management Service.

Standard "Educational Resources and Student Support Systems"

8.1 EEC recommendation

Introduce a system for checking written work for anti-plagiarism using external databases.

The expert, based on the study of the final report on the activities to implement the recommendations of the EEC and analysis of the submitted materials notes that the university has acquired the licence right to use the software "Antiplagiat.HEI" for the implementation of this recommendation (Licence Agreement No. 1138 dated 29 August 2022). At present, term and diploma papers and projects of students are checked in this system for plagiarism and borrowing.

Public Awareness Standard

9.1 EEC recommendation

To ensure the publication of national development programmes of the country and education, including "Digital Kazakhstan" on the university website, as well as to ensure that students, faculty and staff are informed about the priorities and new challenges in higher education.

The expert, based on the study of the university's website, notes that the national programme "Digital Kazakhstan", as well as all national strategies, programmes and projects for the development of the country and education are published on the university's website. In addition, issues of the scientific and practical journal "Science" are posted.

Students, staff and faculty members are informed via Net Speakerphone internal chat, WhatsApp messenger, via corporate mail, the official website of KEnEU, via official pages of social networks Instagram, FaceBook, V Kontakte, on YouTube channel.

9.2 EEC recommendation

Ensure that the audited financial statements are published on the website.

The expert notes, based on a study of the university's website, that financial statements are published annually on the official website of KEnEU.

9.3 EEC recommendation

Ensure regular updating of information about the faculty (portfolio) on the university website, including the list of scientific publications.

The expert, based on the study of the final report on the implementation of the EEC recommendations and the university website, notes that the electronic portfolios of teachers are located on the official website of KEnEU, according to the departments and are updated as changes occur.

Standard "Standards in the context of individual specialities"

10.1 EEC recommendation

Regularly discuss the latest methods and technologies of teaching in the cluster's EPs based on the latest achievements of world science and practice in the field of specialisation.

The expert, based on the study of the final report on the implementation of the EEC recommendations and analysis of the submitted materials notes that the university regularly holds events to discuss the latest methods and technologies of education based on modern achievements of world science and practice in the field of specialisation. Trustees, employers, partners of the university and departments of training are invited to these events as speakers.

10.2 EEC recommendation

Ensure the establishment of a greenhouse training complex on the university campus.

The expert notes that at the first stage of creating a training greenhouse complex, a "Smart Greenhouse Plan" was developed. The implementation of this recommendation is planned for 2024.

Thus, it can be concluded that the recommendations made by the IAAR EEC on the accredited programmes are more than 90% fulfilled



(V) DESCRIPTION OF THE EEC VISIT

The work of the EEC was carried out on the basis of the approved Programme of visit of the IAAR external expert commission on specialized accreditation of educational programmes in the PI "Kostanay Engineering and Economics University named after M. Dulatov" during the period from December 13 to 15, 2023.

In order to coordinate the work of the EEC, a preliminary meeting was held on 12.12.2023, during which the powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

To obtain objective information about the quality of educational programmes and the entire infrastructure of the university, to clarify the content of the self-assessment report, meetings-interviews were held with the rector, vice-rector for academic development, vice-rector for science and innovation, heads of structural units, heads of departments and heads of EPs, teachers, students, representatives of practice bases and employers, graduates. A total of 107 representatives took part in the meetings-interviews (Table 1).

Table 1 - Information on persons who participated in meetings with the IAAR EEC:

Category of participants	Quantity
Rector	1
Vice-Chancellors	2
Heads of structural divisions	23
Heads of departments and heads of EPs	9
Teachers	25
Learners	25
Representatives of practice centres and employers	10
Graduates	12
Total	107

During the excursion EEC members got acquainted with the state of the material and technical base of the university, they saw the classrooms for lectures, practical and laboratory works on the profile of accredited programmes, places of functioning of support services for educational and scientific processes.

The IAAR EEC met with the university's target groups to clarify the mechanisms of implementation of the university's policy and to specify certain materials presented in the university's self-assessment report.

VEC experts reviewed practice bases and asked questions to managers and representatives of SaryarkaAutoprom LLP, Rostselmash LLP, TERRA, Zarechnoye Agricultural Association LLP, Kostanay Signalling and Communication Distance, Bank Center Credit JSC

In accordance with the accreditation procedure, an online questionnaire was conducted where 45 teachers and 108 students participated.

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

As part of the planned programme, the recommendations on improvement of accredited educational programmes at the PI "Kostanay Engineering and Economics University named after M. Dulatov" developed by the EEC following the results of the examination were presented at the meeting with the management of the university on 15.12.2023.

(VI) COMPLIANCE WITH SPECIALISED ACCREDITATION STANDARDS

6.1. "Education Programme Management" standard

- ✓ *The HEI should demonstrate the development of the goal and strategy of the EP development based on the analysis of external and internal factors with wide involvement of various 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 all activities carried out by contractors and partners (outsourcing), including in the implementation of joint/dual education and academic mobility*
- ✓ *The management of the EP 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 the state, employers, stakeholders and students*
- ✓ *The management of the EP demonstrates the functioning of mechanisms of formation and regular revision of the Edevelopment 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 management of the EP 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 the coordination 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 taken*
- ✓ *The management of the EP should carry out risk management*
- ✓ *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*
- ✓ *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 on education management programmes*
- ✓ *The management of the EP 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*

Evidentiary part

The Development Programme of Kostanay Engineering and Economics University for 2023-2029 has been developed, approved at the meeting of the Academic Council on August 31, 2023, which is the main guiding document in the activities of the university.

The development programme defines the mission, vision, values and prospects of the organisation in accordance with the programme documents adopted in the RK.

The following points are reflected in the submitted development plans of the accredited EPs: Characteristics of the educational programme; Internal conditions for development

EP; Information about the teaching staff implementing the EP; Strategic directions, goals, objectives and target indicators; Risk mitigation measures for the EP.

At the University, the link between research, teaching and learning is realised in the following way: implementation of the results of scientific research work of teaching staff and students in the educational process. For example, in 2023-2024 the discipline "Fundamentals of scientific research" is introduced, where the teaching staff will teach the principles of functioning of the mechanism of scientific creativity, develop a scientific type of thinking in students on the examples of their scientific research. fulfilment of funded research work, including by order of enterprises. Faculty members of the department "Transport and Service" (Bobkov S.I., Amantaev M.A., Ivanchenko P.G.) for "NPTs agroengineering" LLP, "NPTs ZH named after A.I. Baraev". A.I. Barayev" LLP in the period from 05.01.2020, to 30.12.2020 conducted research on the development of scientific recommendations on the theme "Application of complexes of machines and equipment in the cultivation of crops in the system of precision agriculture in the conditions of Akmola region", "Technical support of technologies of cultivation of crops using precision agriculture systems in the conditions of North-Kazakhstan region". Faculty members of the department "Standardisation and food technologies" together with employees of "Zarechnoye" LLP in the period from 15.05.2021-15.10.2021 was carried out the work "Conducting field work on conducting sub-satellite survey on test sites of Kostanay region of the Republic of Kazakhstan". The teaching staff of the chair of information technologies and automatics have passed the courses of professional development on the taught disciplines connected with digitalisation of economy and production, for example the senior lecturer Uderbaeva N.K. took part in scientific research internship from 25.02.2022 till 25.05.2022 on the theme of research "Theoretical and practical foundations of using augmented and virtual reality in teaching computer science in primary schools" in the Economic University of Bratislava. Also faculty members are actively involved in projects such as: "Dual Education for Industrial Automation and Robotics in Kazakhstan (DIARKAZ)", "Development of Bachelor's programme of dual education in agroecology in Kazakhstan" and "Transformation of European Union Agribusiness Management Experience to Kazakhstan and Central Asian Countries"

The university has developed the "Guidelines for the system of internal quality assurance of education at "Kostanay Engineering and Economics University named after M. Dulatov"; "Regulations on the Commission for Quality Assurance" (approved by the Rector's order, protocol No. 1 ated 31.08.2023) These documents are publicly available and are placed on the university website in the section "Education Quality Assurance System".

The culture of quality assurance extends to all university partners, including: hostel building contractors, canteens and cafeterias, and partner universities. By the management University ensures effective implementation of the policy in the field of quality of educational activity, which is implemented at all levels of management and can be analysed and revised if necessary. The Head of the Department and the Head of the programme are responsible for monitoring the implementation of the EP development plan. The monitoring is organised by the head of the quality assurance commission and the head of the EP. In the development of the content and approval, evaluation of the EP the teaching staff, stakeholders and students take part. Stakeholders are involved in the learning process at the stages of development of the competence model of the Bachelor, determination of learning outcomes, compilation of elective modules and disciplines necessary for the development of the EP, examination of the EP, organisation and evaluation of the EP. conducting professional practices.

The uniqueness of the development plans of the accredited programmes is due to the teaching experience and scientific potential of the teaching staff, also in coordination with the HEI development strategy, the direction of economic development of the region and employers' requests in the area of mastering by students a set of professional competences that are in high demand in the labour market.

In order to determine those responsible for business processes within the framework of the EP, the university has developed a set of internal regulatory documentation that regulates the implementation of the EP, defines job responsibilities, etc. The main normative documents are placed on the HEI website, also all the regulating documentation is placed in the QNAP network storage system and is available to all network users. The system of internal regulatory documents periodically undergoes changes, which manifests itself in the revision of previous documents or development of new documents regulating business processes.

The university provides transparency of the educational programme management system. The official website provides information about the university management (rector, vice-rectors of the relevant areas, heads of departments). In the section "Education" it is possible to get acquainted with the content of the EP, EP development plans, CED and graduate model.

EP management systematically identifies, analyses and assesses potential risks both for the University as a whole and for individual activities. Risk assessment and development of measures to manage them is carried out both at the level of strategic planning (in the strategic development plan) and at the operational level (within the department plan). The EP development plans provide measures to reduce the impact of risks for the EPs under consideration. For example, for EP 6B07112, 6B08716, 6B08127 the main risk is a high degree of competitiveness in the market of educational services, because in KRU named after A. Baitursynov there is an enrolment of students on similar EPs.

Representativeness of representatives of stakeholder groups involved in the formation and revision of the educational programme is ensured by orientation to key competences. The main enterprise, participating in curriculum development and forming the list of disciplines for EP 6B08716, is "Scientific and Production Centre of Agroengineering". The main enterprises, participating in curriculum development and forming the list of disciplines for EP 6B07112 is Allur university "SaryarkaAvtoprom" LLP. These enterprises are one of the leading in Kostanay region in the direction of development and production of agricultural and transport equipment. For EP 6B07108, 6B06107 external experts were invited, representatives from KTZh "Kostanay branch of the main network" JSC, "SaryarkaAvtoprom" LLP, "Expert" SC, "Transtelecom" JSC, "SaryarkaAvtoprom" LLP. For EP 6B08127 employers take part in quality assurance, such as the director of "Ayat Agro" LLP, Tashmukhamedov M.B., regional representative of "Astana-Nan" LLP, Tulkubaeva S.A., scientific secretary of "Zarechnoye" farming enterprise LLP.

The most important principle of the EP management is openness and accessibility of the management for students and their parents, faculty and employers. The university website has a rector's blog, information about the management staff with contact details.

The management and teaching staff of the teaching staff have completed professional development courses on the following programmes "Management in Education" and "Risk Management in the Educational Process Management System".

In 2023, the university underwent post-accreditation monitoring to address the recommendation of the previous accreditation, which included improvement actions.

The following questions were answered based on the results of the faculty questionnaire:

- Assess the involvement of faculty members in the process of management and strategic decision-making - very good - 40.0%, good - 53.3% of surveyed faculty members;
- Evaluate how well the knowledge of students received at the university corresponds to the realities of modern labour market requirements - very good - 37.8%, good - 53.3% of the interviewed faculty members;

- Estimate how satisfied you are with change management in the university activity - fully satisfied - 75.6%, partially satisfied - 24.4% of surveyed faculty members.

According to the results of the questionnaire survey of the trainees, the following answers to the questions were received:

- Evaluate how satisfied you are with the level of accessibility and responsiveness of the management (university, school, faculty, department) - fully satisfied - 87.0%, partially satisfied - 11.1% of surveyed students;

- Rate how satisfied you are with the support of learning materials in the learning process - fully satisfied - 84.2%, partially satisfied - 13.0% of surveyed learners;

- Estimate how satisfied you are with the quality of services provided in libraries and reading rooms - fully satisfied - 85.1%, partially satisfied - 13.0% of surveyed students.

Analytical part

In the self-assessment report it is noted that the Strategic priority of the EP development is competitiveness and quality at all levels of research and educational process organization, based on the adaptive to the needs of customers educational programmes in the field of science and technology, which include a set of means, ways and methods of human activity aimed at the development, implementation, production, installation and operation of transport and agricultural machinery, as well as research in the field of lifting and transport, construction and construction equipment. It is also noted that the formation of EP development plans is carried out in the process of identifying and interpreting the strategic goals of the education systems of the region and the country as a whole, in which the University is included as an element. Different groups of stakeholders take part in their development, which assesses the uniqueness of the university in meeting the needs of stakeholders and market niche, as well as studying the prospects for the development of the educational services market. However, the *EEC Commission has a question*, what kind of participation of stakeholders and other interested parties in the formation and development of development plans of the accredited EPs, since in the given development plans the developers are the head of the department and the head of the EP. Besides, for EP 6B08716 two development plans are presented, one for 2020-2025 and the other for 2023-2029, the question arises how much per cent the EP development plan for 2020-2025 is fulfilled in this year 2023. Also, the *EEC commission notes the* different approaches in the formation of the EP development plan. For example, for EP 6B07112 and 6B08716 in the section "Action Plan for the implementation of the set tasks" (target indicators) all the items that are presented in the development programme of the university are completely copied.

In the self-assessment report it was noted that the objectives of the EP meet the needs of the state, stakeholders and students in the field of training specialists in demand in the national and international labour markets. However, the *EEC members failed to* see the mission, goals, objectives, objectives, strategy and policy in the field of quality in the submitted EPs and in the EP development plans.

The EEC Commission notes that the minutes of the departments' meeting, where the results of monitoring of accredited EPs with the development of specific solutions, determination of deadlines and responsible persons were considered, were not presented.

The introduction of innovations in EP is carried out by discussing them at the level of the rectorate, at meetings of collegial bodies, after which the relevant methodological support is developed. To the discussion of the need to introduce changes and

The HEI staff is involved in the specifics of their implementation. However, the *EEC Commission notes* that in the presence of a close relationship with partner enterprises, the university has a good opportunity to implement innovative proposals, results of the implemented research and development in the educational process both from the teaching staff and representatives of production.

Strengths / best practices in accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

No strengths have been identified.

EEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

1. HEI management to develop a unified internal normative document/regulation on the development of EP development plans, which will describe the mission, goals, objectives, strategy and policy in the field of quality, all requirements for the content, as well as for the developers and implementers. (Deadline: till 01.04.2024).

2. The management of the EP to develop mechanisms for regular revision of the EP development plan taking into account the identified risks and monitoring the implementation of target indicators with the invitation of students, employers and other stakeholders, reflecting the qualitative results of the EP development plan. (Term till 01.07.2024).

3. The management of the EP in the formation of the EP development plan to involve employers, students and teaching staff (stakeholders) in joint work. For this purpose, to expand the circle of stakeholders represented by representatives of the industrial sector that need specialists in this industry. To make a list of stakeholders with their suggestions and recommendations for each EP. (Deadline: till 01.06.2024).

4. The university management should develop a roadmap for innovation management within the framework of the EP, including the analysis and implementation of innovative proposals from stakeholders and representatives from production. (Term till 01.09.2024).

5. Organise professional development of university and EP management on risk management issues at all stages of EP implementation (Deadline: 01.01.2026)

Additional EEC recommendations for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology":

6. Management of the EP in the EP development plan of the section "Action plan for the implementation of the set tasks" (target indicators) to bring in line with the implemented educational programme, taking into account the specifics and achievability of target indicators. (Deadline: till 01.05.2024).

EEC Conclusions:

According to the standard "Management of educational programme" 17 criteria are disclosed, of which: 14 - have a satisfactory position, 3 positions - assume improvement.

6.2. "Information Management and Reporting" standard

- ✓ *The HEI 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 leadership demonstrates systematic use of processed, appropriate*

information to improve the internal quality assurance system

✓ The management of the EP demonstrates the existence of a reporting system reflecting the activities of all structural units and departments within the framework of the EP, including an assessment of their performance

✓ The HEI should determine the periodicity, forms and methods of evaluation of the EP management, activities of collegiate bodies and structural units, top management

✓ 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

✓ 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

✓ The management of the EP 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 students within the framework of the EP and demonstrate evidence of elimination of the detected deficiencies

✓ The HEI should assess the efficiency and effectiveness of activities, including in the context of EPs

✓ 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 of education*
- grade level, student achievement and dropout rates*
- students' satisfaction 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*

✓ Students, staff and faculty members 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 sciences

Evidentiary part

The university provides the functioning of the system of collection, analysis and management of information on the basis of modern communication technologies and software tools. The EP management process consists in receiving, processing information about the state of the educational programme and making managerial decisions. Aims and objectives of information dissemination, principles and procedure of communication between the University and target audiences (external and internal), University departments are regulated by the Information Policy (approved by the decision dated November 23, 2021, Minutes No.3).

The information management process utilises information system (IS) elements by functional area. These systems and technologies ensure effective information management at the University, enabling prompt response to changes and informed decision-making.

Responsible for the functioning of information management processes and for the reliability of the information provided are determined from among the participants and managers of the processes in accordance with job descriptions and internal regulatory documents of the university. These documents are located in the QNAP Network Attached Storage System (NAS) and are available to all network users.

Information about the university administration and structural units, about the organisation of the educational process, about the organisation of knowledge control of students and other information is available on the University website in the tab "Student" / "Guide-guide for students on credit technology of education" for the academic year 2023-2024.

One of the effective mechanisms of internal assessment of the quality of EP and feedback of their improvement is a questionnaire, where the respondents are students and graduates of the University, in order to

revealing their opinion about the quality and content of the educational programmes and their compliance with the practical demands of the labour market. According to the presented results it can be noted that more than 80% of respondents are satisfied with all the processes taking place in this university.

The university uses a comprehensive approach to information security, including various technologies, processes and practices to ensure the confidentiality, integrity and availability of its information resources. There are boxes for questions and suggestions in the university buildings. Rector and administration of the University conducts daily reception of the faculty, staff and students on personal, personnel and other issues.

When considering complaints and appeals of students (granting academic leave, social problems, for example, provision of dormitory, etc.), the issue of elimination of the cause is raised, explanatory work is carried out. In most cases, conflicts are resolved at the Head of Department level. Staff and students have the opportunity to apply for mediation assistance during the established hours of reception of visitors on personal issues to the Rector and Vice-Rectors.

The mechanisms for identifying conflicts are statements from faculty, staff and students, memos and reports, personal appeal to the manager.

Dynamics of change in the contingent of students in the context of OPs: compared with the 2020-2021 academic year in the 2022-2023 academic year for EP 6B08716 35 - 28 respectively, for EP 6B07112 331 - 175 respectively, for EP 6B08127 53 - 59 respectively, for EP 6B06107 139 - 202 respectively, for EP 6B07108 193 - 157 respectively.

Feedback from graduates is maintained through negotiations, correspondence, meetings and emails, as well as by conducting questionnaires of graduates of the current year and previous years. The Career Centre continuously monitors the employment and career development of graduates. Information on employment of graduates is available on the website in the "Graduate"/"Employment" section where an analysis of graduate employment for 2019-2023 is provided.

The University has developed the "Regulation on establishing the list of information and data related to commercial or official secrets, as well as confidential information and the procedure for its use" (approved by the Order of the President of KEnEU No. 4 of 28.01.2022). The Regulation defines the list of information related to official secrets, employees who have access to this information. The consent of the student to the collection and processing of his/her personal data is obtained by the university when signing an agreement on the provision of educational services, where a special section is provided. Employees give their consent to the processing of personal data by signing an application to the Rector of the university.

Information support of scientific research at the university is provided by the Scientific Research Sector, the Centre for Entrepreneurship and the Council of Young Scientists. Information support of scientific research is provided through the electronic site of the journal "Nauka" (<https://journal.kineu.kz/>). Access to foreign citation databases Web of Science (Thomson Reuters) and Scopus (Elsevier) provides an objective bibliometric analysis of the effectiveness of science, both in general and for individual scientific areas and directions.

According to the results of the questionnaire survey of faculty members, the following answers to the questions were received:

- How do you assess the sufficiency and availability of necessary scientific and educational literature in the library? - very good - 44.4%, good - 53.3% of surveyed faculty members;
- Assess the level of created conditions that take into account the needs of different groups of students? - very good - 33.3%, good - 66.7% of surveyed faculty members;
- How satisfied are you with the degree of participation in management decision-making
 - fully satisfied - 60%, partially satisfied - 28.9% of surveyed faculty members;
- How satisfied are you with the recognition of your successes and achievements by the

administration - fully satisfied - 68.9%, partially satisfied - 26.7% of faculty respondents.

According to the results of the questionnaire survey of the trainees, the following answers to the questions were received:

- Assess how satisfied you are with the availability and quality of Internet resources - fully satisfied - 80.6%, partially satisfied - 16.6% of surveyed students;
- Assess how satisfied you are with the content and information content of the website of educational organisations in general and faculties (school) in particular - fully satisfied - 86.1%, partially satisfied - 12.0% of surveyed students;
- Estimate how satisfied you are with the objectivity of assessment of knowledge, skills and other learning achievements - fully satisfied - 88.0%, partially satisfied - 11.1% of surveyed students.

Analytical part

The self-evaluation report noted that the use of information to improve the internal quality assurance system can be implemented in revision of curriculum content; training and development of teaching staff; and optimisation of resources.

However, the EEC members note the insufficient justification of the role of staff, teaching staff and learners in the process of collecting and analysing information, as well as evidence-based decision-making in the context of the reviewed EPs.

The grievance procedure is approved by Rector's Order No. 7 dated 28.02.2022, however, a 2018 document is attached to the self-assessment report.

The materials, where the decisions were made on the basis of the results of measuring the degree of satisfaction of students and teaching staff in the framework of the reviewed EPs, were not presented to the EEC Commission.

EEC members also note that there is a certain decline in the dynamics of changes in the contingent of students for the last academic year compared to previous years, which can be explained by weak career guidance work carried out among graduates of schools and colleges in the region.

Strengths / best practices in accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Control", 6B06107 - "Computer Science and Software":

No strengths have been identified.

EEC recommendations for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B07108 - "Automation and Control":

1. To develop a vocational guidance plan with specific indicators for attracting school and college graduates to the programmes of basic and shortened forms of education under the state order. (Term: till 01.03.2024).

EEC Conclusions:

There are 17 criteria disclosed under the Information Governance and Reporting standard, of which: 17 have a satisfactory position.

6.3. "Development and approval of educational programme" standard

- ✓ *The HEI should demonstrate the existence of a documented procedure for the development of the EP and its approval at the institutional level*
- ✓ *The HEI must demonstrate 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 appropriate to the defined level of the NCPQ, 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)*
- ✓ *The management of the EP should demonstrate that external reviews of the EP have been carried out*
- ✓ *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 EP should demonstrate the positioning of the EP in the educational market, (regional/national/international), its uniqueness*
- ✓ *An important factor is the possibility of preparing students for professional certification*
- ✓ *An important factor is the availability of double degree programmes and/or joint programmes with foreign HEIs*

Evidentiary part

The procedure for the development of educational programmes at the University is documented and discussed in the Regulations on the development of educational programmes (approved by the Vice-Rector for Academic Development, Minutes No. 6 dated 25.01.2021). Educational programmes are developed and implemented in accordance with the state educational standards of higher and postgraduate education of RK, National Qualification Framework, Professional Standards of RK.

Educational programmes are developed by Educational Programme Development Committees (EPDC), which include leading representatives of the university from among the teaching staff, representatives of students, representatives of employers or representatives of enterprises in the relevant area of activity. The composition of the TS is considered at the meeting of the TMC and approved by the Chairman of the TMC of the University.

The participation of the teaching staff in the consideration and approval of the EP is manifested in the fact that educational programmes are approved at the departmental meeting. Representatives of students are included in the Academic Council, where the EPs are considered and approved. When approving the EP, extended meetings of departments are held, where representatives of employers, specialists of partner organisations are invited.

External experts of educational programmes are employers who are professionals in a particular subject area. For example, for EP 6B08716: Director of "Ascom and K" LLP Dzhanturin M.G and Chief Engineer of "Rostselmash Service Centre" LLP Bermagambetov I.H., for EP 6B07112: Deputy Director for Commercialisation and Innovation Activity of "Agroengineering" LLP Alexentsev K.I., for EP 6B08127: Regional Representative of "Astana-Nan" LLP Tashmukhamedov M.B. and Scientific Secretary of "Zarechnoye" Farming Association LLP Tulkubaeva S.A., for EP 6B06107: Director of "Expert" LLP Bubnov I.S., for EP 6B07108: Head of signalling and communication distance of "SC KTZh" branch Iksanov N.T.

Procedure for discussion and approval of EPs, compliance with their norms by levels

are reflected in the minutes of the department, TMC and Academic Council of the University. To assess the quality of educational programmes, the University has established mechanisms of internal and external quality assessment and expertise of educational programmes.

Employers participate in the management and quality assurance at all stages of EP implementation, which reflects the principle of EP orientation to the requirements of the labour market. Thus, they act as supervisors of all types of practices from the enterprise, after which the students are given a characteristic, express their wishes and comments, give a conclusion on the competence of the graduate. For example, the discipline "Basics of AR/VR" was introduced in EP 6B06107 (Extract from the minutes of the meeting of the Department of Information Technology and Automatics dated 27.08.2021).

Development of the qualification characteristics of the graduate (graduate model) of HEI is based on the State Educational Standards, professional standards, results of research aimed at identifying the current composition of competences, taking into account the opinion of employers, teachers and graduates. The graduate model is updated annually in accordance with changes in requirements and labour market analysis.

Upon completion of the study programme, the graduate is awarded a diploma of higher education with the academic degree of Bachelor in the relevant field. The correspondence of the content of academic disciplines and EP to the level of education is traced in the graduate model.

Each discipline has expected learning outcomes in the form of knowledge, skills and competences in the TMCD, WEP, syllabus. The envisaged activities of students (classroom classes, independent work) contribute to their achievement due to the developed course topics, individual assignments, the use of active learning methods, the proposed legal framework and recommended literature, as well as evaluation means of learning. For example, for EP 6B06107 in 2021 the following updates were made: "Python Programming Technology" discipline was added to the cycle of basic disciplines, university component, disciplines were added to the cycle of basic disciplines, elective component: "The following disciplines were added to the cycle of core disciplines, university component: "Fundamentals of Robotics". In 2023 the cycle of basic disciplines, university component added the discipline "Electronics", in the cycle of basic disciplines, elective component added disciplines: "Digital circuitry", "CMS design", In the cycle of specialised disciplines, university component added discipline "Electronics", in the cycle of basic disciplines, elective component added discipline "Object-Oriented Programming", "System Programming" and "Industrial Programming" disciplines were added to the cycle of specialised disciplines, as elective component.

The indicators confirming the uniqueness of the EP are high demand for graduates in the regional and national labour market. According to the rating data of NCE "Atameken" for 2022, for EP 6B08716 the employment rate of graduates is 100%, the average duration of job search is 1.0 month; for EP 6B07112 the employment rate is 78.26%, the average duration of job search is 2.59 months, for EP 6B08127 the employment rate is 87.5%, the average duration of job search is 1.57 months.

The following questions were answered based on the results of the faculty questionnaire:

- Assess how well the educational programme in terms of content and quality of implementation meets the expectations of the labour market and employers - very good - 42.2%, good - 51.1% of the surveyed teaching staff;

- To what extent does the content of the educational programme meet your scientific and professional interests and needs? - very good - 51.1 per cent, good - 44.4 per cent of the interviewed faculty members;

- How much attention is paid by the management of the educational institution to the content of the educational programme? - very good - 60.0%, good - 33.3% of surveyed faculty members.

According to the results of the questionnaire survey of the trainees, the following answers to the questions were received:

- Assess how satisfied you are with the quality of the educational programme in general - fully satisfied - 84.3%, partially satisfied - 13.8% of the surveyed students;

- Evaluate how satisfied you are with the speed of response to feedback from teachers on the learning process - fully satisfied - 86.1%, partially satisfied - 13.0% of surveyed students;

- Estimate how satisfied you are with the objectivity of assessment of knowledge, skills and other learning achievements - fully satisfied - 88.0%, partially satisfied - 11.1% of surveyed students.

Analytical part

The self-assessment report notes that the objectives of the EP are defined in accordance with the mission and vision of the university and meet the needs of the state, stakeholders and students in the field of training specialists in demand in the national and international labour markets. For example, the aim of EP 6B07112 Transport, transport engineering and technology is to train specialists capable of solving professional tasks of production and technological, service and operational and organisational and managerial activities. However, the *members of the EEC note the* weak justification of the order of revision of the EP objectives (no specific examples are given), also it is not determined where the EP objectives are specified.

An important element of the EP is the planning of learning outcomes for individual elements of the programme (disciplines and practices), which follows the definition of general and professional competences. The *EEC Commission raises the* issue of insufficient provision of supporting materials to determine the impact of disciplines and professional practices on the formation of learning outcomes.

EEC members note that an important factor is the possibility to prepare students for professional certification. In the self-assessment report the HEI has not provided evidence of the availability of students to pass professional certification. Also in the plans for the development of the EP is not presented information about providing the opportunity to pass and obtain certification in the future.

Also, the *members of the EEC*, based on the results of interviews and review of working documents at the departments, note the weak work on the development of joint double-diploma educational programmes with foreign universities (the self-assessment report also does not provide information on this issue).

EEC members note that the accredited programmes have good potential, i.e. there are city-forming enterprises in the region, which could provide assistance in carrying out works in the field of providing students with additional professional competences, which would enable students to be more in demand and competitive after graduation due to various microqualifications and professional certificates obtained during training.

Strengths / best practices in accredited EPs: 6B07112 - "Transport, transport equipment and technologies", 6B08716 - "Agrarian equipment and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

No strengths have been identified.

EEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

1. To the EP management to include in the work plan of the departments the activities covering the explanatory work among students to ensure academic integrity and to involve students, teaching staff and other stakeholders in the development and quality assurance of the EP. (Term; till 01.02.2024).

2. The management of the EP to carry out targeted work and develop an action plan to organise training of students for professional certification with the involvement of companies/partners operating in the region. (Term till 01.06.2024).

3. To develop a roadmap for opening joint and/or double degree programmes with foreign universities on the basis of mutually beneficial cooperation. (Term till 01.07.2024).

Additional EEC recommendations separately for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology":

4. To develop a regulated unified procedure for inclusion of the results of industrial practice and the latest innovative research into the educational process in the form of disciplines and/or modules. Term of implementation till 01.07.2024.

5. Taking into account the opinions of representatives of leading enterprises and organisations, to include the discipline "Introduction to the profession" in the content of curricula in order to orient the student to the basics of the chosen specialty and specifics of this industry. Term of implementation till 01.07.2024.

EEC Conclusions:

According to the standard "Development and approval of educational programme" 12 criteria are disclosed, of which: 9 - have a satisfactory position, 3 positions - assume improvement.

6.4. "Continuous monitoring and periodic evaluation of educational programmes" standard

- ✓ *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*
- ✓ *The HEI is obliged to demonstrate the existence of a documented procedure for monitoring and periodic evaluation of the EP in order to achieve the EP objective. The results of these procedures are aimed at 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*
 - *changes in the needs of society and professional environment*
 - *the workload, progress and graduation of students*
 - *effectiveness of learner assessment procedures*
 - *the needs and satisfaction of learners*
 - *Compliance of the educational environment and the activities of support services with the objectives of the EP*
- ✓ *All interested parties should be informed of any planned or undertaken actions regarding the EP. All changes made to the EP shall be publicised*

✓ *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*

Evidentiary part

The HEI defines and consistently applies procedures for monitoring, periodic evaluation and revision of educational programmes to ensure that they achieve their purpose and meet the needs of learners and society.

KEnEU ensures 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.

Monitoring (control) of the planned activities within the framework of the implementation and evaluation of the EP is implemented at the meetings of the Department, Faculty Councils, Academic Affairs Department, where the implementation of plans is checked; compliance of the results of the processes with the planned indicators (performance); performance is discussed; appropriate assessment is given; if necessary, corrective actions are developed to eliminate shortcomings and omissions in the work.

Monitoring includes tracking of students' attendance at classes; students' fulfilment of assignments and independent work; timely delivery of assignments for current, final and final control; students' fulfilment of the individual plan of the student. According to the results of monitoring reports are formed and provided to the relevant departments.

The quality of the programmes of the proposed elective disciplines is ensured by the systematic examination of the educational and methodical complexes of disciplines, conducted in accordance with the work plan of the department. At the end of the academic year at the meeting of the department with the participation of all interested parties the self-assessment of the OP is carried out, taking into account the changes made, the results achieved, efficiency and effectiveness of the EP implementation are discussed. Also, at least once a year, TMCD are subjected to the expertise of the members of the Faculty TMC.

The results of achieving the objectives of the educational programme are analysed according to the results of the ACs' work on educational programmes. Reports of AC chairmen on educational programmes are heard at the meetings of the department and the Academic Council of the university. Recommendations for the improvement of graduate training, noted in the reports of AC chairmen, are taken into account in the content of the EP, CEDs, TMKCD.

The quality control of students' training is carried out by means of knowledge tests: according to the approved schedules in one semester there are 2 current controls and interim certification (session). Various forms and types of knowledge tests are used, including the use of modern computer technologies.

Professional practice is organised at the enterprises taking into account the specifics of training under the programme. Students undergo practical training at the enterprises with which long-term and short-term co-operation agreements have been concluded. Places of practice must correspond to the profile of specialist training (<https://kineu.edu.kz/ru/studentu/raz-06/bazy-praktik#gsc.tab=0>).

The progress of students is analysed after each session at the meetings of the department and the Faculty Council.

The level of knowledge obtained within the mandatory minimum and the amount of study load offered by the university is provided by various types of control. The progress of the student is reflected in the academic certificate (transcript of progress). After each semester the student's grades are summarised in the transcript.

A prerequisite for transferring students from one course to another is the achievement of a grade point average (GPA - Grade Point Average) of at least the transfer grade set by the university.

Analytical part

In the self-evaluation report it is written that the Marketing and Communications Department annually conducts a survey of students, according to the results of which the level of satisfaction of students with the EP of the cluster is revealed, but the EEC experts did not find confirmation that the university support services have identified the needs of different groups of students and the degree of their satisfaction with the organisation of training, teaching, assessment, mastering of the EP in general.

In the educational programme section of the official website of the university the following are published: EP development plan, educational programme, CED, graduate model, etc. (e.g.). (e.g., <https://kineu.edu.kz/ru/6v06107#gsc.tab=0>), but there is no information about the planned activities in the relations of EP. In addition, the EEC experts note that during the interviewing the employers noted that they do not inform about the actions in the EP relations.

Strengths / best practices in accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

No strengths have been identified.

EEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

1. Department of planning and organisation of educational process together with the management of the EP should develop a schedule of regular activities to identify the needs of different groups of students and the degree of their satisfaction with the organisation of training, teaching, assessment, mastering the EP as a whole. And start to fulfil this schedule. (Deadline: till 01.09.2024)

2. The EP management should develop a procedure for informing all stakeholders about any planned or undertaken actions regarding the EP, as well as publishing all changes made to the EP on the official website of the University (Deadline: 01.09.2024).

EEC Conclusions:

According to the standard "Continuous monitoring and periodic evaluation of educational programmes" 10 criteria are disclosed, of which: 8 - have a satisfactory position, 2 positions - assume improvement.

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

✓ *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 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 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 the study load of students 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 in-house research in the area of methodology*

teaching 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 system of feedback 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

KEnEU implements a system of student-centred learning, which is based on the fact that the student is an active subject of the educational process. The students' active activity includes determination of the content of educational programmes, independent choice of disciplines and teacher, assessment of the level of teaching efficiency and teaching methods, assessment of professional qualities of teaching staff, assessment of the level of material and technical support of the educational process and sanitary condition of the premises.

In order to implement the principle of student-centred learning, academic groups are formed at KEnEU by level and language of study.

In order to support and promote the interests of students with special educational needs, KEnEU implements a policy of inclusive education aimed at increasing the level of accessibility and involvement of all students, undergraduates in the educational process by identifying and eliminating possible obstacles.

When forming an educational pathway, students are offered flexible learning paths, catalogue of elective disciplines, drawing up an individual study plan for selected disciplines. Students, regardless of the language of instruction, are given the opportunity to choose specific disciplines from a number of possible disciplines in accordance with their life priorities, abilities and opportunities. Thus, students in the same EP and in the same group can choose different elective disciplines, as well as a cycle of Minor in their individual curriculum.

Each group of students is assigned to an advisor, who, based on the results of interviews, study of personal files, identifies students of different social groups, counsels and provides information on the specifics of professions and activities provided by the EP. The activity of the advisor is regulated by the "Regulations on the organisation of the work of the adviser".

Student-centred learning is also achieved through the recognition of non-formal learning outcomes provided by organisations on the list of recognised non-formal learning providers.

University teachers use various methods, methods, technologies and techniques of learning and teaching. These include: verbal methods (lectures, books, talks, discussions); visual methods (videos, phenomena, visual aids); practical methods (practical classes, creative works, diploma works); training through the creation of problem situations. The following methods are also used: trainings, project method, distance learning, case studies, modular learning, business game, work in pairs, brainstorming, use of ICT, thematic discussions, etc.

In addition, the teaching staff uses in the teaching methodology part of their own research, which are reflected in electronic textbooks, manuals, monographs: Kamysheva N.A. electronic textbook "Organisation and traffic safety"; A.A. Orazalin. Textbook "Interaction of transport modes"; S.I. Bobkov Monograph "Principles of justification of parameters and operating modes of pneumomechanical picker-loader of loose hay"; O. V. Moiseenko "Principles of justification of parameters and operating modes of the device for forming stubble bushes"; N.A. Kamysheva "Technical service in agro-industrial complex" textbook; S.I. Bobkov "Principles of justification of parameters and operating modes of the device for the formation of stubble waders"; N.A. Kamysheva "Technical service in agro-industrial complex" textbook; S.I. Bobkov "Agricultural machinery in resource- saving technologies" textbook; G.K. Eseeva, A.K. Aliev, J.M. Zhsupbekov, V.A. Lobazova "Integrated plant protection" training manual; D.B. Zhamalova, T.K. Mukasheva "Information technologies in agronomy".

When developing the "Educational Programme Development Plan", a separate item is allocated for "Measures to introduce new forms and methods of teaching and learning, providing feedback on the effectiveness of their use" (p.5).

Every year at the meetings of the Teaching and Methodological Council the issues of application of modern teaching methods are considered.

In order to ensure regular and diligent work of students on mastering the programme, to assess the effectiveness and efficiency of their independent work, to identify students who do not fulfil the schedule of the educational process (lagging behind) and stopped studying, the University conducts various types of control of academic achievements. The main types are: current progress control; interim control (interim rating); interim certification (exam); final certification.

The procedure and forms of knowledge assessment are regulated by the "Regulations on Current Control, Interim and Final Attestation".

In order to ensure transparency in the procedure of knowledge assessment, forms of control are used such as:

- computer testing for full-time students in the computer classes of the University;
- computer testing with the use of proctoring system for students using distance learning technologies;
- a written examination using a proctoring system.

The procedure for conducting an appeal is governed by the "Regulations on Appeal".

For effective use of various teaching methods, feedback from the students is provided through their personal appeals to the University Advisor, University management, student self-governance, surveys and questionnaires periodically conducted at the University, as well as through e-mail.

Feedback from students on the quality of education received and the effectiveness of teaching methods, including innovation in teaching methods, is carried out by studying the opinion of consumers of educational services - students. The study of the opinion of students is carried out through the statements of student representatives at the meetings of the Academic Council.

Analytical part

The university carries out systematic work on monitoring the academic performance of students. There is a mechanism for assessing the knowledge, skills and qualities acquired by students in the process of training, however, the EEC notes that not all evaluators have certificates of advanced training in the field of modern methods of assessment of learning outcomes.

The teaching staff of educational programmes "Computer Science and Software" and "Automation and Control" widely use in the educational process

information and communication technologies, video-lectures, seminars-conferences, project and research method of teaching, which was confirmed by attending classes.

Methods and forms of current and end-of-term control, interim certification, system of analysing and monitoring the results of examination sessions are defined and conducted according to the requirements of the credit system of education.

The student has the right to appeal. For this purpose, for the period of the examination session, an appeal committee is established from among experienced teachers whose qualifications correspond to the profile of the disciplines submitted to the examination session.

EEC members note that the level of corporate culture among students is not very high, and during the interviews with employer representatives, an opinion was expressed about the need to foster patriotism to the chosen profession.

Strengths / best practices in accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

No strengths have been identified.

EEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

1. The university management should organise refresher courses in modern methods of learning outcomes assessment for evaluators at least once every three years (Term: starting from 01.09.2024).

2. To develop a set of measures to strengthen corporate culture among students, as well as patriotism to the profession being learnt (Deadline: 01.09.2024)

EEC Conclusions:

For the standard "Student-centred learning, teaching and assessment of learning", 10 criteria are disclosed, of which 10 criteria have a satisfactory position.

6.6. "Learners" standard

✓ *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 and published*

✓ *The management of the EP 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 education*

✓ *The HEI should ensure the possibility for external and internal academic mobility of students, as well as assist them in obtaining external grants for studies*

✓ *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 students*

✓ *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*

- ✓ *The HEI should provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, liaising with them*
- ✓ *The HEI is obliged to demonstrate the procedure of issuing to graduates the documents confirming the obtained qualification, including the achieved learning outcomes*
- ✓ *The EP 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*
- ✓ *The management of the EP should demonstrate that a mechanism is 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

KEnEU is guided by a policy of transparency of procedures from admission to graduation of EP students.

The order of formation of the contingent of students is carried out according to the Model rules of admission to training in educational organisations implementing educational programmes of higher education, approved by the Decree of the Government of the Republic of Kazakhstan dated October 31, 2018, No.600.

The policy of contingent formation is regulated by the "Rules of admission to study under educational programmes of higher and postgraduate education". Formation of the contingent of students is carried out through the placement of the state educational order for the training of specialists with higher education, as well as tuition fees at the expense of citizens' own funds and other sources.

Entry requirements are governed by the following key documents:

- Model rules for admission to training in educational organisations implementing educational programmes programmes higher education
<http://adilet.zan.kz/rus/docs/V1800017650>;
- Rules for Awarding Educational Grants to Pay for Higher Education
https://adilet.zan.kz/rus/docs/P080000058_

Booklets have been developed for school leavers, relevant information is posted on social networks. On the official website of KEnEU there is a page "Applicant", where students can get acquainted with: the list of educational programmes; admission rules, get advice on individual request.

In the process of training, students undergo current, end-of-term and final control, the procedure of which is described in the "Regulations on the current control, interim and final attestation of students".

Work on adaptation of students begins with the information and organisational stage. The curators of the groups conduct excursions, discussions. Much attention is paid to students with special educational needs. The university creates favourable conditions for classes, independent work, physical training and sports, leisure activities, artistic and scientific creativity, which contributes to the successful adaptation of students. Information about the programmes of support for gifted students is provided through direct communication with the editors, as well as on the website <https://kineu.edu.kz/ru/abiturientu/raz-04/granty-i-lgoty#gsc.tab=0>.

Familiarisation with the rules of living in the hostel, which are regulated in the "Regulations of the student hostel".

Student self-governance bodies have been established and operate at KEnEU named after M. Dulatov, the basis of which is the Student Council. Students are also members of the Academic Council of the University.

The University EP students have the opportunity to undergo all types of professional practice provided by the State Educational Standards of the Republic of Kazakhstan.

Professional practice is regulated by the internal document of the University "Rules on the order of organisation and conduct of professional practice and determination of enterprises (organisations) as practice bases".

The procedure of issuing documents confirming the obtained qualification, including the achieved learning outcomes is described in the "Regulations on the current control, interim and final attestation of students", as well as "Rules for issuing documents on education (diplomas), duplicates and/or replacement of diplomas", approved at the AC dated 22.06.2021 Minutes No. 10.

The University provides a diploma supplement and EUROPASS on request to graduates.

Every year a Job Fair is held, which contributes to solving the problems of employment for young specialists and recruitment for employers. The leading enterprises of the city and the region that have a need for personnel and are ready to accept young specialists - graduates of KEnEU

(<https://kineu.edu.kz/ru/novosti/item/1357-kineu-rasshryaet-gorizonty-sotrudnichestva#gsc.tab=0>,
<https://kineu.edu.kz/ru/novosti/item/1359-sotrudnichestvo-v-podgotovke-kadrov-v-sootvetstvii-s-zaprosami-rabotodatel'ya#gsc.tab=0>,
<https://kineu.edu.kz/ru/novosti/item/1343-effektivnoe-sotrudnichestvo#gsc.tab=0>,
<https://kineu.edu.kz/ru/novosti/item/1409-vstrechi-s-rabotodatel'yami#gsc.tab=0>).

Feedback from alumni is maintained through talks, correspondence, meetings and emails, as well as surveys of current year and past alumni.

For the development of creative activity and organisation of leisure time of the student youth in the university there are hobby groups and clubs: dance group "Selena"; intellectual club "Dulatov"; debate club "Alash"; KVN (Club of the Funny and Inventive people) team; volunteer club "Lama".

The composition of the Alumni Association Council is available on the University's website, and the Statute of the Alumni Association is published. The work plan of the Alumni Association is developed annually.

A form to complete and join the Alumni Association is located at <https://kineu.edu.kz/ru/vypuskniku/raz-08/soyuz-vypusknikov#gsc.tab=0>.

In order to support gifted students, the University has developed the following programmes "Regulations on social support of students". Gifted students are identified by analysing the results of academic activities, as well as from among those who actively participate in the work of Student Scientific Society, scientific activities, creative competitions, cultural, professional and practical activities of the University.

Information about the programmes for supporting gifted learners is provided through direct communication with advisors, as well as on the website in section "Grants and Benefits".

Analytical part

EEC members note the demand for graduates in accredited programmes, which is reflected in the smooth increase in the contingent, while in 2021 there is a decrease in the contingent, the management of EO and OP took measures and the enrolment in 2023 is significantly increased, including through the allocation of state grants.

For all groups are assigned to the envisagers, who assist in the adaptation of students to the conditions of the educational process of higher education. The management of EO allocates to separate (even small contingent groups) learners by language orientation, which also allows to increase the speed of adaptation to the educational process.

Information on academic mobility is available on the University's Academic Mobility page. There is a mechanism for recognising results

academic mobility and is reflected in the "Regulations on the academic mobility of students and teachers". However, the *EEC experts note the need* to develop the implementation of the programme "Academic mobility of students" of accredited EPs.

EEC members note the high level of employment of graduates in their specialities, as well as the demand for such specialists in the medium term. However, interviews with graduates revealed an insufficient level of practice-oriented training of students.

The university has developed a system of incentives for students, which was noted in the regulatory documents and confirmed during the interviews (allocation of places in the dormitory, tuition discount (up to 100%), stimulation of scientific activities, participation in cultural and sports events, etc.). Special attention is paid to the support of gifted students.

EEC members note the presence of a large number of agreements with industrial enterprises of the region on practice, and employers expressed the opinion that they are very interested in graduates, taking into account their level of competence.

At the same time, the EEC found that graduates are in demand at the enterprises of the region and at the republican level, which is evidenced by regular collection of information, including a survey of graduates.

A distinctive feature of the university is the presence of an active alumni association that participates in the life of the EO.

Strengths / best practices in accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

No strengths have been identified.

VEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

1. To the EP management to include indicative indicators in the development plans of educational programmes for 2024/2025 academic year, in the work plans of departments and implementation of the item "outgoing academic mobility of students (external, internal)", "attraction of students under the academic mobility programme (external, internal)" (Term: 01.09.2024).

2. Consider the possibility of increasing the level of practice-orientedness of special disciplines with an increase in the percentage of teachers from among the existing employees of core enterprises (Deadline: 01.09.2024)

EEC Conclusions:

*There are 12 criteria disclosed under the Learners standard, of which:
11 criteria have a satisfactory position, 1 position suggests improvement.*

6.7. "Faculty of professors and academic staff" standard

✓ *The HEI should have an objective and transparent HR policy in the context of the EPs, including recruitment (including visiting teaching staff), professional growth and development of staff; ensuring professional competence of the whole staff*

✓ *The HEI should demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, HEI strategy, objectives of the EP*

- ✓ *EP leadership must demonstrate a change in the role of the faculty member in relation to the shift to student-centred learning and teaching*
- ✓ *The HEI 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, who have professional competences, corresponding to 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 (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, to the achievement of the EP goals*
- ✓ *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

The personnel policy of KEnEU named after M. Dulatov is based on a reasonable combination of democratisation and centralisation of personnel management functions. The University HR policy is based on the principles of meritocracy. Admission of teaching staff and employees is carried out on the basis of the normative document "Rules of competitive filling of vacant positions of teaching staff and scientific workers of KEnEU named after M. Dulatov" KEnEU (adopted by the Academic Council, Minutes No. 9 dated 24.05.2022). Dismissals, as well as suspensions from work take place in the order established by the legislation of the Republic of Kazakhstan. There is a low staff turnover at the departments. The availability of the university management is expressed in meetings with the staff of the university, there is a Call Centre and virtual reception on the official website of the university, there is also a rector's blog, where all interested parties, including employees of the institution, have the opportunity to address the rector of the university, and immediately receive an answer. The personnel management system is headed by the Rector of the University. Announcements on the competition for positions are published on the website of the university in the public domain. The requirements that the university imposes on the teaching staff are reflected in the "Regulations of qualification characteristics of the positions of the teaching staff" of KEnEU (adopted by the Academic Council, Minutes No. 9 dated 24.05.2022). It is also important that there is a career growth of specialists, teachers of the university up to the heads of structural subdivisions of the university.

The University reserves the right to determine the general policy and strategy for the development of the teaching staff, to develop standard procedures and documentation on personnel management: hiring, dismissal, transfer in position; form and content of individual employment contracts; structure of job descriptions; determination of mechanisms for control, monitoring and evaluation of the activities and development of teaching staff; stimulation of the development and activities of teaching staff by introducing differentiated remuneration; inviting scientists from the neighbouring countries. The following functions are assigned to the departments: organisation of selection and regulation of the staff structure for the department and educational programmes; determination and management of the qualitative composition of the teaching staff; professional development of the teaching staff.

For full professional development and fulfilment of creative needs of each category of employees, the university creates appropriate conditions: financial incentives, free access to the library fund and resources of the educational portal of the university, providing opportunities for professional development at the expense of the university, creating conditions for the use of computer and office equipment, technical means of training, publication of methodical publications, and the use of the employee developments.

The implementation of the educational programme is provided by the teaching staff in accordance with the qualification requirements for the licensing of educational activities. Constant control over the activities of teaching staff ensures that teachers have full knowledge and understanding of the subject taught, the necessary skills and experience for effective teaching of students in the educational process.

Calculation of the number of university teaching staff is implemented centrally by the Vice-Rector for Academic Development. The estimated number of teaching staff is determined in accordance with the contingent of students and the annual volume of academic load at the university. The structure of the qualitative composition of the teaching staff is determined by the academic department upon submission of documentation supported by the head of the department, based on the volume of academic load for each department and the requirements of the educational programmes to the qualification level of the teaching staff.

Full-time faculty members are teachers for whom KEnEU named after M. Dulatov is the main place of work and with whom an individual labour contract is concluded for a period of more than one year. The teaching staff are the employees who combine their main work with teaching activities at the department on 0.25 or 0.5 rate. Educational programmes 6B07112 "Transport, transport engineering and technology", 6B08716 "Agrarian engineering and technology", 6B08127 "Agronomy", 6B07108 "Automation and management", 6B06107 "Computer Science and Software" involve teachers with academic degrees and titles, who have high qualifications and a long scientific and pedagogical experience, with work experience in industry, young staff who graduated from master's and doctoral programmes (PhD). All teaching staff involved in the educational activities of KEnEU, conducts its activities in accordance with the "Academic Integrity Policy" (approved by the decision of the Academic Council of KEnEU named after M. Dulatov dated 04.07.2017, Minutes No. 12), and signs the familiarisation sheet.

The basic education, the speciality code of defended theses, and the academic title awarded speak about a sufficiently large experience of practical work of the teachers who teach the disciplines of these subjects.

The HEI has the functions of recruitment, regulation of staff structure, management of the quality composition of teaching staff, professional development, distribution of teaching staff by teaching programme, regulation of staff workload, creation of conditions for professional development, monitoring, control and evaluation of teaching staff quality, organisation of labour incentives. Types of incentives for teaching staff and the procedure for their application are determined by the legislation of the Republic of Kazakhstan and the Rector's orders. The HEI policy recognises and encourages effective teaching and provides opportunities to strengthen academic competencies.

Systematic assessment of the competence of teachers, evaluation of the effectiveness of the quality of teaching in the department to disclose the content of training courses and the formation of students' knowledge and skills (competencies) necessary to achieve the learning outcomes envisaged by the objectives of the programme is implemented through: internal evaluation (open classes, mutual visits, etc.); identification of the opinion of internal consumers (students) about the quality of educational services and the level of competence of teaching staff. In order to assess the quality of teaching, as well as to transfer experience to young teachers, the departments practice mentoring, the purpose of which is to provide assistance to young and novice teachers. Mentoring is allocated as a separate load to the leading teacher and is included in his/her individual teaching plan. As part of monitoring the level of satisfaction of all stakeholders

The quality of educational activities of the university is systematically monitored by questionnaires - "The teacher in the eyes of students", "The teacher in the eyes of colleagues".

Mentoring of students, assistance in orientation in the educational process for students is provided by an adviser appointed from among the teaching staff. For the additional workload of editorship the university provides additional payment to the lecturer, according to "Regulations on the organisation of the work of the edviser", approved by the Vice-Rector for Academic Development of KEnEU A.Luchaninova dated 31.08.2023.

In addition, the achieved successes, and diligent work of teaching staff is assessed by KPI, and the level of encouragement of teaching staff and additional payments are provided in the "Regulations of planning the activities of teaching staff, rating of teachers and departments of Kostanay Engineering and Economics University named after M. Dulatov.

The effectiveness of the use of new technologies and teaching methods in the implementation of the educational programme affects the increase in the academic performance of bachelors and Masters, understanding of their correct choice of direction in setting goals, objectives and solving problematic issues of agriculture in the field of engineering and agriculture. Teachers, who implement training courses with the use of interactive teaching methods, have sufficient training, besides, the possibilities of free access to the Internet by means of wi-fi university, allow using innovative methods of evaluation and conducting classes online. In the educational process, when studying the disciplines of accredited EP, students are offered the following innovative methods and technologies: interactive methods, game technologies, forms of test tasks, video materials with thematic scientific films, practical classes are held in the conditions of the branches of the department, in the laboratories of Agricultural Experimental Station "Zarechnoye" LLP and training laboratories.

Teachers of the department are guided by an individual work plan, which is a normative control document reflecting the types, volumes, terms and results of the performance of the official work of the teaching staff. The content of the individual work plan reflects the goals and objectives of the department and the university as a whole. Individual plans of the teaching staff are considered at the department meeting and approved by the Vice-Rector for Academic Development. At the end of the semesters and the end of the academic year, the individual plan notes the actual fulfilment of the planned amount of work. The progress of fulfilment of the approved individual plans of teachers is systematically checked by discussing them at the meetings of the department, where an appropriate assessment is given. The report on the actual work performed, the volume of academic work in hours is made at the end of each semester, in a brief form and reflected in the annual reports of the department.

Teachers implementing the educational programme have a desire for improvement and self-development through the integration of educational and scientific activities in their work, application of pedagogical technologies and teaching methods in the educational process, as well as defending master's theses, taking professional development courses. KEnEU develops academic mobility through signing agreements with partner universities within the framework of internal and external academic mobility, while the partner university should implement the same-named educational programme.

Research work of the department includes scientific research on topics corresponding to the profile of the department and the objectives of improving the quality of specialist training, participation in state and international scientific programmes and conferences. Information about conferences held in the profile, about journals indexed in scientific databases, about grant competitions in the country and abroad is systematically provided to teachers through the university website and personal e - m a i l . However, to date at the departments of the accredited programmes do not have research works financed by the state budget, but, according to the teaching staff, research works are carried out on the basis of contracts with economic entities.

Teachers of accredited educational programmes are active in public activities, for example, the professor of the department "Standardization and food technologies", candidate of a.s. G.K. Eseeva is a deputy of the regional maslikhat of Kostanay oblast of the 7th and 8th convocations.

At the departments a fairly high proportion of teachers who have practical experience in production, at the Department of "Transport and Service" - S.I. Bobkov, A.V. Semibalamut, D.Z. Bekzhanov, A.A. Shevtsova, N.R. Nazarov, A.A. Orazalin; at the Department of "Standardisation and Food Technology" - S.A. Tulkubaeva, A.Zh. Kukenov.

88.9 per cent of the staff units participate in the implementation of the Bachelor's programme 6B07112 "Transport, transport engineering and technologies", total 61.1 per cent of the staff; 71.4 per cent of the staff units participate in the implementation of the Bachelor's programme 6B08716 "Agrarian engineering and technologies", total 50.0 per cent of the staff; 60.0 per cent of the staff units participate in the implementation of the Bachelor's programme 6B08127 "Agronomy", total 40.0 per cent of the staff; in EP 6B07108 "Automation and Management" 67,7% of full-time units participate, 58,1% of tenure in total; in EP 6B06107 "Computer Science and Software" 63% of full-time units and 60,0% of lecturers with scientific degrees participate respectively.

The university provides opportunities for career growth and professional development of teaching staff, including young teachers. For example, a lecturer of the department N.K. Uderbaeva studied in the doctoral programme of the Eurasian National University at the expense of the university, and, having completed her studies, returned to KEnEU to conduct teaching activities. The lecturers of the Department of Standardisation and Food Technologies at the interview noted that three lecturers studied at postgraduate courses of Russian universities on the direction and expense of the university. N.A. Kamysheva in January 2022 was trained at the expense of KEnEU in the National Open University "Institute" on the course "Effective work of a teacher" in the volume of 72 hours, Moscow, certificate reg. number No. 101509137.

There is a Plan of professional development courses at the Department of "Standardisation and Food Technologies" for the academic year 2023-2024 signed by the Acting Head of the Department B.K. Mukhambetova, but neither the organisation on the basis of which it is planned to improve qualification, nor the terms are planned. The period of passing is indicated as "during 2023-2024 academic year", which indicates the lack of a specific plan.

In addition to regular lecturers, to read lectures are attracted representatives of production, for example, for the last two years for students of the EP "Agronomy", were held guest lectures by the director of "Baltic Control Kazakhstan" LLP - S.A. Zhumagulov, director of "Ayat Agro" LLP - I.V. Poltoratsky and others.

To the results of professional development of teaching staff can be attributed measures to improve teaching and methodological work: updating of lecture material, development of methodological materials, the introduction of interactive teaching methods in the conduct of lectures and practical classes. Senior lecturer of the Department of Information Technology and Automation T.A. Zhuaspayeva, Candidate of Physical and Mathematical Sciences, developed and approved electronic textbooks "Web-application development", "Programming in PHP" for students of educational programme 6B06107 Computer Science and Software, 6B06106 Information Systems (Minutes No. 10 of the Educational and Methodical Council of the Faculty of Engineering and Technology KEnEU dated 20.05.2022). There is a high level of educational and methodical work, the teachers of the university have developed and published more than 10 electronic courses of video lectures only for 2023. Teachers of the Department of Information Technologies and Automation published video lectures under the titles "Basics of Information Security", "Operating Systems",

"Introduction to speciality", "Industrial Ethernet", "Audit of financial activity", "Virtual training complex "Master Cam", etc., teachers of the Department of Standardisation and Food Technologies published electronic educational and methodical complexes on disciplines - "Selection and seed production of agricultural crops", "Technology of storage and processing of plant products", "Technology of acceptance and storage of grain". Development and introduction of distance learning courses, including MEP for use by external users, increase in the number of copyright certificates for the materials of faculty development are measures to prevent the risk of high competitive environment in the educational segment, in accordance with the "Educational Programme Development Plan". This risk and measures to prevent it are specified in the Development Plan of each accredited educational programme.

Some information about professional development of the teaching staff involved in the educational programme. In the period from 16.01.2023 to 28.04.2023 teachers G.K. Eseeva, T.K. Mukasheva, B.K. Mukhambetova gave lectures in online format for students of Stavropol State Agrarian University (Contract No. 40/2022-obr. dated 10.02.2023). Teacher N.A. Kamysheva in 2021-2022 academic year within the framework of academic mobility in Stavropol State Agrarian University read the course. Lecturer Mukasheva T.K. delivered the course.

Teachers implement the results of RW in the teaching process, e.g. RW "Improvement of technology and technical means for harvesting grain crops in the conditions of Northern Kazakhstan", terms of implementation 01.09.2022 - 30.03.2023, developed methodological guidelines for practical classes in the discipline "Technology of agricultural engineering" for students of EP 6B08716 Agrarian engineering and technology, based on the decision of the educational and methodological council of the Faculty of Engineering and Technology, Minutes No. 9 of 21.04.2023 (the act of implementation of the results of research in the educational process approved by the vice-rector for academic development of KEnEU A.A. Luchaninova dated 21.04.2023). "Design of agrotechnical service enterprises" textbook, published on the basis of the results of scientific research by the teacher of the department "Transport and Service" is used for students of EP 6B08716 Agrarian engineering and technology (act of implementation of the results of research in the educational process approved by the Vice-Rector for Academic Development of KEnEU A.A. Luchaninova dated 07.06.2023). For students of EP 6B08716 Agrarian Engineering and Technology in the educational process introduced textbook "Logistics of supply and storage of agricultural products", published on the basis of research and development of teachers (act of implementation of the results of research and development in the educational process approved by the Vice-Rector for Academic Development of KEnEU A.A. Luchaninova dated 28.06.2022).

The results of their own research and development teachers implement in production. For example, the results of research work "Improvement of technology and technical means for harvesting grain crops in the conditions of Northern Kazakhstan", head O.V. Moiseenko, implemented in "Halvay-II" LLP, Naberezhnoe village, Beymbet Mailin district of Kostanay oblast (the act of introduction into production of the results of the research work was approved by the Vice-Rector for Science and Innovations of KEnEU A. Shayakhmetov dated 21.04.2023).

Analytical part

EEC members note the transparent and accessible policy of attracting experienced and young faculty members to the implementation of accredited EPs.

The analysis of the conditions for the implementation of accredited programmes at the department has shown that the share of teaching staff with academic degrees and titles meets the normative requirements for teaching staff in the preparation of Bachelors and Masters. In addition, a sufficient percentage of attracted teachers from among the existing employees of the relevant enterprises.

The number of full-time faculty members with academic degrees and titles has remained stable in recent years. The stability is promoted by the personnel policy pursued by the University management, which is aimed at creating conditions and providing assistance to the teaching staff.

EEC members note the high level of corporate culture and clear examples of career development of young teachers. Along with this, the university provides comfortable and affordable conditions for work and leisure, as evidenced by the availability of a canteen, sports sections at a reduced price and other socio-economic ways of support and incentives.

In the course of the interviews it was found that bonuses for teaching staff are systematic, and there is a real mentoring institute that is also incentivised by the university management.

On EP 6B07112 - "Transport, transport engineering and technologies", 6B08716 - "Transport, transport equipment and technologies", 6B08716 - "Transport, transport engineering and technologies", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy" during the visit to classes and analysis of silabuses revealed a low level of application of info-communication technologies in the implementation of the programme, including on-line learning, e-portfolio, MOOCs, etc.

On EP 6B07112 - "Transport, transport engineering and technologies", 6B08716 - "Transport, transport equipment and technologies", 6B08716 - "Transport, transport engineering and technologies", 6B08716 - "Agrarian engineering and technology", 6B07108 - "Automation and control", 6B06107 - "Computer Science and Software" does not present a transparent programme for the development of academic mobility of teaching staff.

EEC members note the acceptable level of silabus development, which includes modern materials that correspond to the level of economic, scientific and cultural development of the region and the country

Strengths / best practices in accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Control", 6B06107 - "Computer Science and Software":

1. High level of development and operation of the mechanism of motivation for professional and personal development of the teaching staff, both tangible and intangible.

EEC recommendations for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy":

1. Develop a professional development plan on **the** application of info-communication technologies in the educational process, including the assessment of learning outcomes. (Deadline: 01.09.2024)

EEC recommendations for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B07108 - "Automation and Control", 6B06107 - "Computer Science and Software":

2. To implement organisational work on activation of academic mobility on the basis of the developed long-term plan (Term of plan development: 01.05.2024, Term of plan implementation: 01.09.2027)

EEC Conclusions: According to t h e faculty standard for EP 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software" disclosed 10 criteria, of which:

1 criterion has a strong position, 8 criteria have a satisfactory position, and 1 position suggests improvement.

According to the standard to the faculty standard for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agricultural engineering and technology" disclosed 10 criteria, of which:

1 criterion has a strong position, 7 criteria have a satisfactory position, 2 positions suggest improvements.

6.8. "Educational Resources and Student Support Systems" standard

- ✓ *The HEI must guarantee the compliance of educational resources, including material and technical resources, and infrastructure with the objectives of the educational programme*
- ✓ *The EP 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 EPs, 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 hard copy and electronic media, periodicals, access to scientific databases*
 - *Examination of research results, graduation papers, dissertations for plagiarism*
 - *access to educational Internet resources*
 - *operation of WI-FI on 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*
- ✓ *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*
- ✓ *EP management should demonstrate that procedures are in place to support different groups of learners, including information and counselling*
- ✓ *The management of the EP must show the presence of conditions for the progress of the student on an individual educational trajectory*
- ✓ *HEI should take into account the needs of different groups of students (adults, working, international students, as well as students with special educational needs)*
- ✓ *The HEI should ensure that the infrastructure meets security requirements*

Evidentiary part

One of the priority directions of ensuring the quality of education and guaranteeing the sustainable development of KEnEU is the continuous improvement of material and technical resources and infrastructure.

The University has a material and technical base that provides all types of practical training of teaching staff and students, provided by the curriculum of the university.

KEnEU infrastructure includes 1 large educational building consisting of several blocks connected by corridors. There is the House of Students, 2 sports halls, sports ground with a football field, gym, yoga hall, library, branches of classrooms at the practice bases.

A well-developed park of computer and interactive equipment. All computers of the University are integrated into a local network and connected to the Internet. Auditoriums in academic buildings are equipped with interactive whiteboards and video projectors, the buildings are provided with Wi-Fi. Corporate information systems have been introduced for certain aspects of application: electronic document management, electronic library, etc.

The formed infrastructure of the university provides comfortable conditions for learning, extracurricular activities, research and teaching activities.

To analyse the compliance of the available resources in the HEI, approaches and evaluation criteria have been developed to improve the entire EP base. The implemented approaches include questionnaire survey of students and teachers. The survey questions are posted on the university website.

Material and technical, library and information resources used to organise the learning process are sufficient and meet the requirements of the implemented educational programmes.

The available resources of departments and faculties are analysed annually, adjustments are made depending on the contingent of students. The results of monitoring are reflected in the minutes of the meeting of the department that implements the programme. If it is necessary to purchase devices and equipment, the university purchases at its own expense by concluding a direct contract. Monitoring of laboratories' activity is carried out by annual verification of measuring instruments.

The university ensures compliance with safety requirements in the operation of equipment, students are instructed on safety at work in analytical laboratories, the mark of which is made in a special journal. Safety requirements are regulated by the organisation's standard of occupational health and safety management.

The training equipment used in the educational process reflects the specifics of educational programmes. The laboratory classes involve the acquisition and development of students' skills of working with devices, in accordance with the competences of the programme. The work on updating and improving the material and technical base of accredited programmes is carried out systematically.

Determination of the use of equipment and software tools in the industry, corresponding to the specifics of accredited EPs is implemented by the head of the EP, teaching staff, employers involved in the implementation of the EP. For this purpose, university representatives visit enterprises, undergo internships, etc. The need to purchase equipment is determined by the presence or absence of such equipment for carrying out a certain type of analyses, works.

The resources of the department are annually analysed, adjusted depending on the contingent of students, the results of monitoring are reflected in the minutes of the meeting of the department, carrying out the implementation of accredited EPs.

All classrooms have computers connected to the Internet, which gives students the opportunity to work with modern software products.

Students and teachers of the departments have free access to the Internet via wireless access points (Wi-Fi) from any computer in the academic building. 370 PCs (including laptops) are used in the educational process, which is 80 per cent of the total number of computers at the university. PCs (including laptops), which is 80 per cent of the total number of computer equipment of the university. Also, for the organisation of the educational process, the university is additionally equipped with technical means of education (projectors, screens/interactive whiteboards) 27 classrooms, which are used by teaching staff for presentations at lectures, seminars, conferences, defence of term papers and diploma theses, etc. The university is also equipped with technical means of education (projectors, screens/interactive boards).

The development of infrastructure and material and technical resources is planned according to an annual work plan approved by the Rector, which is developed taking into account the strategic plan and necessary changes.

The mechanism for monitoring the adequacy and up-to-date nature of the resources used is also determined by the "Education Programme Development Plan" for 2020-2025, which identifies possible risks and measures to minimise them.

A briefing is conducted when travelling to the professional practice, a note of which is also marked in a special journal. The management of the programme provides equal opportunities for students regardless of the language of instruction, gender and age.

There is a Student House for student accommodation; there are cafeterias and canteens in the academic building, two gyms, a yoga room and a gym for sports. In addition, there is an improvised themed snack room for students, i.e. a room decorated by students in the form of a garage, where they can come to eat, take food either from the buffet or bring it with them.

The departments of "Transport and Service", "Information Technologies and Automation" have educational and scientific laboratories for accredited educational programmes, the department of "Standardization and Food Technologies" has only one classroom for accredited educational programme "Agronomy", however, the heads of the educational programme guarantee practical classes on the basis of the agricultural production facilities, where the classroom is located - a branch of the department. For students of 6B08716 Agrarian machinery and technology scientific research, experimental design work, developed teaching aids, organized industrial practice and laboratory-practical classes are carried out at the enterprises "Service Centre ROSTSELMASH", "RPC Agroengineering", "Ural LTD". Besides, "Allur" company, a partner of the university, has equipped the auditorium for practical classes with modern devices and equipment. The laboratories of the departments have smooth manuals, fully equipped with chemical ware and laboratory furniture, equipped with various devices. All laboratory rooms have laboratory passports. Fire extinguishing means, safety log, individual and collective means of protection for students and staff.

Some types of classes on individual disciplines of EP "Agronomy", "Transport Engineering and Technology", "Agricultural Engineering and Technology", "Automation and Management", "Computer Science and Software" are conducted with elements of dual training directly on the basis of production, on the basis of concluded agreements with organisations. The library fund is completed according to the studied disciplines of specialities and in accordance with the Instruction on the formation of the library fund of Kostanay Engineering and Economics University named after M. Dulatov, developed on 30.12.2011 on the basis of the order of the Ministry of Education and Science of the Republic of Kazakhstan No. 508 dated July 18, 2003 "On Approval of the Instruction on the formation of the library fund of the state educational organisations of the Republic of Kazakhstan", in accordance with the profile of the university, the prospective development plan of KEnEU, the analysis of the book supply of the educational process. The library fund of the university is updated on a permanent basis by purchasing literature, besides, the teaching staff systematically publishes methodical editions. In order to expand printed information resources, agreements with the leading libraries of the city (L.N. Tolstoy National Library, the city Central Library, I. Altynsarin Library, libraries of higher education institutions of Kostanay) have been concluded. As of 21.11.2021, the electronic library of the university has 1762 (5410 - 2020) titles of educational and scientific materials. The work on replenishment of electronic libraries in the framework of the concluded agreements with RIEL, UEB, the works of faculty members of the university. Access to scientific databases and other resources of the library is provided from the "Student's personal cabinet", where there is a corresponding link.

Since 2020, the University has **been** using the system <https://www.antiplagiat.ru/>, due to the fact that this platform has a sufficient number of sources for verification and constantly improving verification algorithms, which allows to find borrowings in term papers, diplomas, theses, scientific articles and reports more efficiently. Tamberg videoconferencing systems, as well as such platforms as AdobeConnect, Zoom and others are used at the university for participation and holding video conferences. The university has its own educational portal - <https://kineu.edu.kz/>. There is also access to the Internet+Wi-Fi and the local network of the university.

Maintenance of the cluster EP is carried out by IS of KEnEU <https://sdo.kineu.kz/>, which is an internal portal of KEnEU and is a resource aggregator from which intra-university systems can be accessed.

Information about passing grades and learning opportunities provided to students, about learning opportunities is available on the university website in the section "Student"/"Guidebook".

Information on the employment of graduates is available on the website in the section "Graduate"/"Employment".

The procedure for determining the methods of information submission, requirements to sources of information, and the form of information submission are also stipulated in the Regulation on Information Policy

For the implementation of accredited there is a necessary classroom fund. Identification of the needs of students is carried out in accordance with the Law of RK on Education and is satisfied through their choice of subjects, academic and elective courses, extracurricular activities and associations in the system of additional education. The university takes into account the needs of groups studying for working students, foreign students, for students with disabilities, for gifted students.

There are no students with disabilities and at the age of accredited EPs, however, the university has two students - one with visual impairments, the other has mobility problems, they study in a special equipped room, where there are computers with keyboards for the blind, and other devices.

During the development of discipline teachers provide individual assistance to students (consultations) in the form of conversation, issuance and acceptance of assignments, calculations, questioning, etc., during the independent work of the student under the guidance of the teacher. The time allocated for counselling is indicated in the syllabus. The learner may address the teacher who teaches the classes, during the time allocated for counselling, as well as outside of school hours. In the absence of the teacher can provide counselling assistance to the teachers of the department, specialising in the same field of knowledge. To the problems of students that may arise during the period of study can be attributed: student absences for various reasons; adaptation of students of the 1st year; difficult relationships with the teacher or with fellow students; social problems (housing, poor students, health); academic debt; employment and others.

To solve the above-mentioned problems, the department monitors the attendance of students and identifies the reasons for absences. In the case of a valid reason for illness, when providing the relevant certificate, an individual study schedule is developed, an opportunity is given to work off missed classes and thus, to increase the grades of attestation, or the student's submission for a leave of absence is prepared.

Heads of EPs conduct consultations, conversations, questionnaires of students, explaining the trajectory of study at the university, participate in the resolution of conflict situations of students and teachers. To solve social problems, the Rectorate has the right to present students for appointment to the personal scholarship. To further improve the educational process, the departments develop forms of self-governance among students, maintain links with various public organisations, work to promote the employment of graduates through open days, etc.

The University organises events to explain and support the national development programmes of the Republic of Kazakhstan, such as Rukhani Zhangyru, Digital Kazakhstan, Educated Nation, KazVolunteer and others.

To ensure quality organisation of the educational process, mentors for young teachers, advisors and advisors are appointed from among experienced teaching staff.

Safety at the University in the process of training is carried out in accordance with the Labour Code of the Republic of Kazakhstan, the Law of the Republic of Kazakhstan "On Education", Model rules of activity of educational organisations implementing educational programmes of higher professional education, other normative legal acts of the Republic of Kazakhstan.

The departments are constantly checking the organization of the learning process for compliance of training laboratories with the requirements of occupational safety, sanitary norms and rules, briefings on occupational safety with students, availability of instructions on occupational safety during laboratory, practical and scientific research work and logs of registration of conducted briefings.

The University has a video surveillance system and a pass system to ensure the safety of students and faculty.

All buildings of the University have a system of internal water supply and sewerage, electricity supply, heating, ventilation and air conditioning, telephonisation, and are connected to the city communication networks. Artificial lighting of classrooms, laboratories and offices complies with current norms. Educational buildings and student dormitory are equipped with fire-fighting devices in the form of fire hydrants with hoses, educational laboratories are equipped with fire extinguishers.

The staff of the department of accredited EPs contributes to the successful implementation of the educational programme in accordance with the national development priorities and HEI strategy.

Analytical part

In the course of visual inspection and interviews with teaching staff and students, an acceptable level of material and technical support of the educational process was established, but the members of the EEC expressed their wishes for the development of laboratory facilities, taking into account the equipment used in the real sector of the economy and the growing contingent of students.

The library contains traditional and electronic publications, including methodological developments of the university teachers.

Faculty members and students during the interviews noted the use of the Anti-Plagiarism system to check the degree of borrowing in various types of works, both current (term papers, essays, etc.) and final works of students and scientific and methodological works of teachers.

EEC members noted the absence in the structure of the university of a special unit that provides methodological support and maintenance of the process of development and implementation of research projects, despite the presence of initiative research teams.

The presence of feedback channels is established and students have a wide range of opportunities to convey their wishes to the management of the EP and the university.

Individual educational trajectories have found their realisation in the traditional format in the Platon system, where students can choose disciplines of their choice and thus form their own learning trajectory. In addition, special conditions are provided for persons with special needs.

EEC members note the system of access control to the university territory based on facial recognition.

Strengths / best practices for accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

No strengths have been identified.

EEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

1. The university management should consider the possibility of creating and operating a department for research activities in order to provide methodological assistance to the teaching staff, for example, by developing guidelines for the participation of teaching staff and university employees in various competitions for grant funding of RW and STD (Deadline: 01.09.2024).

2. To draw up a roadmap for training of teaching staff in modern methods of working with scientific information and foreign scientometric databases (Deadline 01.09.2025).

For the standard "Educational resources and student support systems" disclosed criteria, of which have a strong position, - satisfactory. (For the EPs individually to describe).

EEC Conclusions:

According to the standard "Continuous monitoring and periodic evaluation of educational programmes" 13 criteria are disclosed, of which: 12 - have a satisfactory position, 1 position - suggesting improvement.

6.9 Public Awareness standard

- ✓ *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.*
- ✓ *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 interested parties*
- ✓ *Information published by the HEI about the educational programme should be objective and up-to-date and include:*
 - ✓ *purpose and planned results of the programme, qualification to be awarded*
 - ✓ *information and system of evaluation of students' academic achievements*
 - ✓ *information on academic mobility programmes and other forms of cooperation with partner universities and employers*
 - ✓ *particulars of opportunities development personal and professional of students' personal and professional competences and employment*
 - ✓ *data, reflecting positioning EP in market 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*
- ✓ *Higher education institution must publish audited financial statements on its own web resource on the EP*
- ✓ *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

KEnEU named after M. Dulatov reflects all directions of the university's activities within the framework of educational programmes on the university's website <https://kineu.edu.kz/ru#gsc.tab=0>.

On the pages of the departments there are links to all educational programmes. The university trains bachelors and masters.

Upon completion of studies at the level: Bachelor's degree (higher education), a Bachelor's qualification is awarded in a certain direction.

Information about teaching, learning is indicated in the syllabuses, placed in personal accounts of the system. The assessment procedure is unified for all EPs. The university has its own educational portal - <https://kineu.edu.kz/>.

The University has been publishing since 2001 a multidisciplinary scientific and production magazine "Nauka". There is an opportunity to publish and promote the results of scientific research of doctoral students, Master's students and candidates for scientific degrees, as well as the exchange of scientific results and research experience. The journal is registered in the International Serial Publications Registration Centre ISSN (UNESCO, Paris, France). ISSN 1684-9310. <https://journal.kineu.kz/>

The International Scientific and Practical Conference "Dulatov Readings" is held annually followed by a collection of materials of the conference participants.

To publish and promote the results of students' scientific research, the International Student Scientific and Practical Conference is held, the results of which are published in the Proceedings.

All information on the HEI website, mass media for the public and all interested parties fulfils the requirements for it. Information on the web resource of the departments: history, mission, purpose, quality objectives, contact information, brief description of the EP.

Information about the university and the EP is posted on social networking sites, the following actively working accounts of KEnEU -

Instagram <https://instagram.com/kineu.kz?igshid=MzRIODBiNWFIZA==>

Facebook <https://www.facebook.com/profile.php?id=100090298136383&mibextid=LQQJ4d>

Messenger Telegram https://t.me/kineu_dulatov

YouTube channel <https://www.youtube.com/@kineukz/videos>

Daily posts with news about the university, about students, about teachers, explanatory posts to help applicants and students are published on the pages of the university accounts. The University has its own scientific and production magazine "Nauka": <https://journal.kineu.kz/>.

The national development programmes of the country are voiced in the strategic development plan of the University. Information characterising the university as a whole in the context of EPs, faculty members is available on the website in the section "Departments".

Informing the public about cooperation and interaction with partners within the framework of the EP, including scientific/consulting organisations, business partners, social partners and educational organisations is carried out through the university website, through announcements in the mass media, social media pages. Education is carried out through the University website, through announcements in mass media, on the pages of social networks. For the solution of current issues there is an e-mail of the Head of the Department. All interested persons have free access to the department staff. The website contains information about the accreditation of the EP, about the results of evaluation of students' knowledge on the Republican Subject Olympiads, about the content of the EP.

External evaluation procedures are carried out annually through participation in the rating of NCE "Atameken". NCE of RK "Atameken" jointly with the Ministry of Education and Science of the Republic of Kazakhstan conducts independent assessment of EPs.

The Vice-Rector for Science and Innovations of the University via WhatsApp promptly notifies the entire faculty about upcoming scientific events - conferences, seminars, webinars, round tables, forums. Modern software is used for teaching and research purposes.

Analytical part

All information about teaching, learning, assessment procedures is published in the Academic Policy, which is posted in the Teaching section, as well as in each discipline's syllabus.

Information about the employment opportunities for graduates of EP is available on the website in the section "Employment" of the University graduates, also in this section there is information about the employment of graduates of the University for the reporting period.

Within the framework of public awareness, the HEI and the management of the EP provide support and explanation of the national development programmes of the country and the higher education system.

The audited financial statements are available on the website in the following section "Financial Statements".

On the website in the subsection Department there is full information about the teaching staff and support staff of the EP. The information about the teaching staff of the EP is regularly updated.

On the University's website, Facebook and Instagram, the University posts relevant, up-to-date information about upcoming joint activities, conferences and other events organised by the University with its partners.

Information and links to external resources on the results of external evaluation procedures are available on the HEI website in the section "Accreditation".

Strengths / best practices for accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

No strengths have been identified.

EEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

No recommendations have been made.

EEC Conclusions:

According to the standard "Continuous monitoring and periodic evaluation of educational programmes" 12 criteria are disclosed, of which: 12 - have a satisfactory position.

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

Strengths / best practices for accredited EPs: 6B07112 - "Transport, Transport Engineering and Technology", 6B08716 - "Agrarian Engineering and Technology", 6B08127 - "Agronomy", 6B07108 - "Automation and Management", 6B06107 - "Computer Science and Software":

"Education Programme Management" standard

- University management and management of EP 6B07327 "Construction", 6B07317 "Production of building materials, products and structures", 6B07319 "Land Management", 6B07318 "Cadastre" demonstrate their openness and accessibility for the students of the faculty, employers and other interested parties.

"Information Management and Reporting" standard

- By this standard, the EP has no strengths.

"Development and approval of educational programme" standard

- By this standard, the EP has no strengths.

"Continuous monitoring and periodic evaluation of educational programmes" standard

- By this standard, the EP has no strengths.

"Student-centred Learning, teaching and Learning Assessment" standard

- By this standard, the EP has no strengths.

"Learners" standard

- By this standard, the EP has no strengths.

"Faculty of professors and academic staff" standard

1. High level of development and operation of the mechanism of motivation for professional and personal development of the teaching staff, both tangible and intangible.

"Educational Resources and Student Support Systems" standard

- By this standard, the EP has no strengths.

"Public Awareness" standard

- By this standard, the EP has no strengths.

(VIII) REVIEW OF RECOMMENDATIONS ON IMPROVEMENTS OF QUALITY PER STANDARD

EEC recommendations for EPs 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy", 6B07108 - "Automation and management", 6B06107 - "Computer science and software":

"Education Programme Management" standard

1. HEI management to develop a unified internal normative document/regulation on the development of EP development plans, which will describe the mission, goals, objectives, strategy and policy in the field of quality, all the requirements for the content, as well as for developers and implementers. (Deadline: till 01.04.2024).

2. The management of the EP to develop mechanisms for regular revision of the EP development plan taking into account the identified risks and monitoring the implementation of target indicators with the invitation of students, employers and other stakeholders, reflecting the qualitative results of the EP development plan. (Term till 01.07.2024).

3. The management of the EP in the formation of the EP development plan to involve employers, students and teaching staff (stakeholders) in joint work. For this purpose to expand the circle of stakeholders represented by representatives of the industrial sector that need specialists in this industry. To make a list of stakeholders with their suggestions and recommendations for each EP. (Deadline: till 01.06.2024).

4. The university management should develop a roadmap for innovation management within the framework of the EP, including the analysis and implementation of innovative proposals from stakeholders and representatives from production. (Term till 01.09.2024).

5. Organise professional development of university and EP management on risk management issues at all stages of EP implementation (Deadline: 01.01.2026)

Additional EEC recommendations for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology":

6. Management of the EP in the EP development plan of the section "Action plan for the implementation of the set tasks" (target indicators) to bring it in line with the implemented educational programme, taking into account the specifics and achievability of target indicators. (Deadline: till 01.05.2024).

"Information Management and Reporting" standard

1. To develop a plan of career guidance work with specific indicators for attracting school and college graduates to the programmes of basic and shortened forms of education under the state order. (Deadline: till 01.03.2024).

"Development and approval of educational programme" standard

1. To the EP management to include in the work plan of the departments the activities covering the explanatory work among students to ensure academic integrity and to involve students, teaching staff and other stakeholders in the development and quality assurance of the EP. (Deadline: till 01.02.2024).

2. The management of the EP to carry out targeted work and develop an action plan to organise training of students for professional certification with the involvement of companies/partners operating in the region. (Deadline: till 01.06.2024).

3. To develop a roadmap for opening joint and/or double degree programmes with foreign universities on the basis of mutually advantageous cooperation (Deadline: till 01.07.2024).

Additional EEC recommendations separately for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology":

4. To develop a regulated unified procedure for inclusion of the results of industrial practice and the latest innovative research into the educational process in the form of disciplines and/or modules. Term of implementation till 01.07.2024.

5. Taking into account the opinions of representatives of leading enterprises and organisations, to include the discipline "Introduction to the profession" in the content of curricula in order to orient the student to the basics of the chosen specialty and specifics of this industry. Term of implementation till 01.07.2024.

"Continuous monitoring and periodic evaluation of educational programmes" standard

1. Department of planning and organisation of educational process together with the management of the EP to develop a schedule of regular activities to identify the needs of different groups of students and the degree of their satisfaction with the organisation of training, teaching, assessment, mastering the EP as a whole. And start to fulfil this schedule. (Deadline: till 01.09.2024)

2. The EP management to develop a procedure for informing all stakeholders about any planned or undertaken actions regarding the EP, as well as publishing all changes made to the OP on the official website of the University (Deadline: till 01.09.2024).

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

1. The university management should organise refresher courses in modern methods of learning outcomes assessment for evaluators at least once every three years (Deadline: starting from 01.09.2024).

2. To develop a set of measures to strengthen corporate culture among students, as well as patriotism to the profession being learnt (Deadline: till 01.09.2024)

"Learners" standard

1. To the EP management to include indicative indicators in the development plans of educational programmes for 2024/2025 academic year, in the work plans of departments and implementation of the item "outgoing academic mobility of students (external, internal)", "attraction of students under the academic mobility programme (external, internal)" (Deadline: 01.09.2024).

2. Consider the possibility of increasing the level of practice-orientedness of special disciplines with an increase in the percentage of teachers from among the existing employees of core enterprises (Deadline: 01.09.2024)

"Faculty of professors and academic staff" standard

EEC recommendations for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B08127 - "Agronomy":

1. Develop a professional development plan on the application of info-communication technologies in the educational process, including the assessment of learning outcomes. (Deadline: 01.09.2024)

EEC recommendations for EP 6B07112 - "Transport, transport engineering and technology", 6B08716 - "Agrarian engineering and technology", 6B07108 - "Automation and Control", 6B06107 - "Computer Science and Software":

2. To carry out organisational work on activation of academic mobility on the basis of the developed long-term plan (Term of plan development: 01.05.2024, Term of plan implementation: 01.09.2027)

"Educational Resources and Student Support Systems" standard

1. The university management should consider the possibility of creating and operating a department for research activities in order to provide methodological assistance to the teaching staff, for example, by developing guidelines for the participation of teaching staff and university employees in various competitions for grant funding of RW and STD (Deadline: 01.09.2024).

2. To draw up a roadmap for training of teaching staff in modern methods of working with scientific information and foreign scientometric databases (Deadline 01.09.2025).

Public Awareness standard

No recommendations have been made.



(IX) REVIEW OF RECOMMENDATIONS ON DEVELOPMENT OF EDUCATIONAL ORGANISATION

Not worked out



(X) RECOMMENDATIONS TO THE ACCREDITATION COUNCIL

The EEC made an unanimous decision to recommend to the Accreditation Council to Accreditation Council to accredit educational programmes of PI "Kostanay Engineering and Economics University named after M. Dulatov":

- **6B07112** - *"Transport, transport equipment and technologies"* - for a period of 5 (five) years

- **6B08716** - *"Agrarian engineering and technology"* - for a period of 5 (five) years

- **6B08127** - *"Agronomy"* - for a period of 5 (five) years

- **6B07108** - *"Automation and Control"* - for a period of 5 (five) years

- **6B06107** - *"Computer hardware and software"* - for a period of 5 (five) years



Appendix 1. Evaluation table "SPECIALISED PROFILE PARAMETERS"

EP 6B07108 - "Automation and Control", 6B06107 - "Computer Science and Software"

No	No	Evaluation criteria	Position of the educational organisation			
			Strong	Satisfactory	Assumes an improvement	Unsatisfactory -serious
"Education Programme Management" standard						
1	1	The HEI should demonstrate the development of the goal and strategy of the EP development based on the analysis of external and internal factors with wide involvement of various stakeholders		+		
2	2	The quality assurance policy should reflect connection between research, teaching and learning		+		
3	3	HEI demonstrates development quality assurance culture		+		
4	4	The commitment to quality assurance should apply to any activities carried out by contractors and partners (outsourcing), including in the implementation of joint/bipartnerships education and academic mobility		+		
5	5	The management of the EP ensures transparency in the development of the EP's development plan based on analyses of its functioning, real positioning of the HEI and the orientation of its activities to meet the needs of the state, employers, stakeholders and students		+		
6	6	EP Management demonstrates the functioning of 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			+	
7	7	The management of the EP should involve representatives of stakeholder groups, including employers, learners and teaching staff in formation of a development plan for the EP			+	
8	8	The management of the EP should demonstrate the individuality and uniqueness of the EP development plan, its alignment with the 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 EP, distribution of staff job responsibilities, delineation of functions collegial bodies		+		
10	10	The management of the EP ensures that the activities of all those involved in the development and management of the EP are coordinated and ongoing implementation, as well as involving all stakeholders in the process		+		
11	11	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 taken		+		
12	12	The management of the EP should carry out risk management		+		
13	13	The management of the EP should ensure the participation of representatives of stakeholders (employers, teaching staff, students) in the collegial bodies of the educational programme management, as well as their representativeness when making decisions on the issues of educational programme management		+		
14	14	The HEI must demonstrate innovation management within the framework of the EP, including analysis and introduction of innovative suggestions.			+	
15	15	The management of the EP should demonstrate its openness and accessibility to learners, employers and other stakeholders		+		
16	16	The management of the EP confirms the completion of training on education management programmes		+		
17	17	The management of the EP should endeavour to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the following procedure		+		
Total standard			0	14	3	0
"Information Management and Reporting" standard						

18	1	The HEI 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	The management of the EP demonstrates systematic use of processed and adequate information to improve the internal quality assurance system		+		
20	3	The management of the EP demonstrates the existence of a reporting system reflecting the activities of all structural units and departments in the framework of the EPs, 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 to ensure the protection of information, including the identification of responsible persons for the reliability of the information and timeliness of information analysis and providing data		+		
23	6	The HEI demonstrates the involvement of students, employees and faculty in the processes of collecting and analysing information, as well as decision-making on their basis		+		
24	7	The management of the EP should demonstrate that mechanisms are in place to communicate with learners, employees and other stakeholders, including conflict resolution		+		
25	8	The HEI should ensure measurement of the degree of satisfaction with the needs of the teaching staff, staff and students within the framework of the EP and demonstrate evidence that the deficiencies found have been resolved		+		
26	9	The HEI should assess the efficiency and effectiveness of activities, including in the context of EPs		+		
		The information collected and analysed by the HEI within the framework of the EP should take into account:				
27	10	key performance indicators		+		
28	11	dynamics of the contingent of students in the context of forms and types		+		
29	12	level of academic performance, student achievement and suspension		+		

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 systems learner support		+		
32	15	employment and career development of graduates		+		
33	16	Students, staff and teaching staff must document their consent to the processing of personal data		+		
34	17	The management of the EP should facilitate providing all necessary information in the relevant fields of sciences		+		
Total standard			0	17	0	0
"Development and approval of educational programme" standard						
35	1	The HEI must demonstrate the existence of a documented procedure for the development of the OP and its institutional approval		+		
36	2	The HEI must demonstrate compliance of the developed OP to the established objectives and planned learning outcomes		+		
37	3	The OP management should determine the impact 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 outcomes qualities		+		
39	5	The qualification awarded on completion of the RP should be clearly defined, explained and appropriate to a certain level of 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 following the set objectives with a focus on the achievement of the planned learning outcomes		+		
41	7	The OP management should ensure that the content of academic disciplines and learning outcomes are in line with the programme each other and the level of education (bachelor's, master's, doctoral)		+		
42	8	The management of the OP must demonstrate the conduct of external examinations of the OPs		+		
43	9	The management of the OP should provide evidence of participation learners, teaching staff 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 learners 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	9	3	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 EP to achieve the objective of the EP. The results of these procedures are aimed at continuous EP improvement		+		
		Monitoring and periodic evaluation of the EP should consider:				
49	3	programme content in the context of recent developments discipline-specific science and technology		+		
50	4	the changing needs of society and the professional environments		+		
51	5	the workload, progress and graduation of students		+		
52	6	effectiveness of learner assessment procedures		+		
53	7	Learners' needs and satisfaction		+		
54	8	Compliance of the educational environment and the activities of support services with the objectives of the EP		+		
55	9	All interested parties should be informed of any planned actions regarding the EP. All changes, made in the EP should be published			+	
56	10	Support services should identify the needs of different groups of learners and their degree of satisfaction with the organisation of learning, teaching, assessment, mastering of the EP as a whole			+	
Total standard			0	8	2	0
"Student-centred learning, teaching and assessment of learning" standard						
57	1	The management of the EP should ensure respect and attention to the different groups of learners and their needs, providing them with flexible learning paths		+		
58	2	The management of the EP should ensure teaching on the basis of modern achievements of world science and practice in the field of training, the use of various modern methods of teaching and assessment of learning outcomes, ensuring the achievement of EP objectives, including the number of competences, skills to implement scientific work at the required level		+		
59	3	The management of the EP should determine the mechanisms for the distribution of students' study load between theory and practice within the framework of the EP, to ensure that the content and objectives of the EP are mastered by each graduate		+		
60	4	An important factor is the availability of its own research in the field of teaching methodology of EP disciplines		+		

61	5	The HEI should ensure that the assessment procedures are in line with learning outcomes to the planned results and objectives of the programme		+		
62	6	The HEI should ensure consistency, transparency and objectivity of the mechanism of assessment of learning outcomes of the EP. Criteria and methods for assessing learning outcomes should be published in advance		+		
63	7	Assessing persons should be proficient in modern methods of assessing learning outcomes and regularly upgrade skill in this area		+		
64	8	The management of the OP must demonstrate the existence of feedback systems on the use of different teaching methods and assessment of learning outcomes		+		
65	9	The management of the EP should demonstrate support learner autonomy with the simultaneous guidance and assistance of the teacher		+		
66	10	The management of the EP must demonstrate that there is a procedure in place for responding to learner complaints		+		
Total standard			0	10	0	0
"Learners" standard						
67	1	The HEI should demonstrate the policy of forming the contingent of students and ensure the transparency of its procedures. Procedures regulating the life cycle of the university learners (from enrolment to completion) should be identified, approved, published		+		
68	2	The management of the EP should provide for the conduct of 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 supplementary, formal and non-formal learning outcomes		+		
70	4	The university should provide opportunities for external and internal academic mobility of students, and also assist them in obtaining external grants for studying			+	
71	5	HEIs should actively encourage students to self-education and development outside the core programme (extracurricular activities)		+		
72	6	An important factor is the presence of a support mechanism to gifted students		+		
73	7	The HEI should demonstrate cooperation with other educational organisations and national centres "The European Network of National Information Centres for Academic Recognition and Mobility/National Academic ENIC/NARIC "Recognition Information Centres" to ensure		+		

		comparable recognition of qualifications				
74	8	The university must provide students with places of practice, demonstrate the procedure for facilitating the employment of graduates and keeping in touch with them		+		
75	9	The HEI must demonstrate the procedure for issuing to graduates documents confirming the obtained qualifications including learning outcomes achieved		+		
76	10	The management of the EP must demonstrate that graduates of the programme have the skills, in demand on the labour market and that these skills are indeed in demand on the labour market		+		
77	11	The management of the EP must demonstrate the existence of a mechanism for monitoring the employment and professional activity of graduates		+		
78	12	An important factor is the existence of an active alumni association/association		+		
Total standard			0	11	1	0
"Faculty of professors and academic staff" standard						
79	1	The HEI should have an objective and transparent personnel policy in the context of the EPs, including recruitment (including visiting faculty), professional growth and development of staff, providing professional staff competence		+		
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 EPs		+		
81	3	The management of the EP must demonstrate a change in the role of the faculty member in relation to the shift to student-centred learning and teaching		+		
82	4	HEI should provide opportunities for career growth and professional development of faculty members, 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 EP		+		
84	6	The HEI should demonstrate the existence of a mechanism to motivate professional and personal development of faculty members	+			
85	7	The HEI should demonstrate a wide application of information and communication technologies and software tools in the educational process (for example, on-line learning, e-portfolios, MOOCs, etc.)		+		

86	8	The HEI 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 EP goals			+	
88	10	An important factor is the involvement of faculty members in the development of the economy, education, science and cultures of the region and the country			+	
Total standard			1	8	1	0
"Educational Resources and Student Support Systems" standard						
89	1	The HEI should guarantee the compliance of educational resources, including material and technical, and infrastructure to the objectives of the educational programme			+	
90	2	The management of the EP should demonstrate the availability of classrooms, laboratories and other facilities equipped with modern equipment and ensuring the achievement of the objectives of the EP			+	
		The HEI must demonstrate compliance information resources to the needs of the university and the implemented programmes, including the following areas:				
91	3	technological support for students and teaching staff 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 subjects. The following programmes are available on paper 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 the territory			+	
96	8	The HEI should demonstrate that it creates conditions for conducting scientific research, integration of science and education, publication of the results of scientific and educational programmes, and the development of new technologies. research work of faculty, staff and students				+

97	9	The university should strive to ensure that the educational equipment and software tools used for mastering the educational programmes were similar to those used in the respective industries		+		
98	10	The management of the EP must demonstrate the existence of procedures for supporting different groups of learners, including information and counselling		+		
99	11	The management of the EP must show that conditions exist for advancement of the learner on an individual educational trajectory		+		
100	12	The HEI should take into account the needs of different groups of learners (adults, working people, foreign students, students, as well as students with special educational needs)		+		
101	13	The HEI should ensure that the infrastructure is in line with safety requirements		+		
Total standard			0	12	1	0
"Public Awareness" Standard						
102	1	The information published by the HEI should be accurate, objective, up-to-date and reflect all the areas of university activity within the framework of the educational programme		+		
103	2	Public information should include support and explanation of the country's national development programmes and higher and postgraduate education systems		+		
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 should include:				
105	4	purpose and planned results of the EP, qualification 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 for the development of personal and professional competences of students and employment		+		

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	10	The HEI is obliged to publish on its own web resource audited financial statements on EPs		+		
112	11	The HEI should place information and links to external resources on the results of external evaluation procedures		+		
113	12	An important factor is to post information on cooperation and collaboration with partners, including scientific/consulting organisations, business partners, social partners and educational organisations		+		
Total standard			0	12	0	0
TOTAL			1	101	11	0



EP 6B08127 - "Agronomy"

No	No	Evaluation criteria	Position of the educational organisation			
			Strong	Satisfactory	Assumes an improvement	Unsatisfactory
"Education Programme Management" standard						
1	1	The HEI should demonstrate the development of the goal and strategy of the EP development based on the analysis of external and internal factors with wide involvement of various stakeholders		+		
2	2	The quality assurance policy should reflect the relationship between scientific 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 performed by contractors and partners (outsourcing), including in the implementation of joint/bilateral education and academic mobility		+		
5	5	The management of the EP 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 on the fulfilment needs of the state, employers, stakeholders and learners		+		
6	6	The management of the EP demonstrates the functioning of mechanisms for the formation and regular review of the EP development plan and monitoring of its implementation, assessment of the achievement of learning objectives, compliance with the needs of learners, employers and society, making decisions aimed at the continuous improvement of the EP			+	

7	7	The management of the EP should involve representatives of stakeholder groups, stakeholders individuals, including employers, students and faculty members to formulate the EP development plan			+	
8	8	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			+	
9	9	The HEI must demonstrate clear identification of those responsible for business processes within the EP, distribution of staff job responsibilities, delineation of functions of collegial bodies			+	
10	10	The management of the EP ensures the coordination of all persons involved in the development and management of the EP and its continuous implementation, and involves all those involved in the process			+	
11	11	The management of the EP should ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and appropriate decision-making			+	
12	12	The management of the EP should manage risks			+	
13	13	The management of the EP should ensure the participation of representatives of stakeholders (employers, faculty, 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 EP, including analysing and implementing innovative proposals				+
15	15	The management of the EP must demonstrate its openness and accessibility for students, faculty, employers and other stakeholders			+	
16	16	The management of the EP confirms the completion of training on education management programmes			+	
17	17	The management of the EP should endeavour to ensure that the progress, which has been made since the last external quality assurance procedure, is taken into account in preparation for the following procedure			+	
Total standard			0	14	3	0
"Information Management and Reporting" standard						

18	1	The HEI 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	The management of the EP demonstrates systematic use of processed, adequate information to improve the internal quality assurance system		+		
20	3	The management of the EP demonstrates the existence of a reporting system, reflecting activities of all structural subdivisions and departments within the framework of the EP, including 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 to ensure the protection of information, including the identification of responsible persons for the reliability and timeliness of information analysis and providing data		+		
23	6	HEI demonstrates involvement of learners, employees and faculty in the processes of collecting and analysing information, as well as making decisions based on them		+		
24	7	The management of the EP should demonstrate that mechanisms are in place to communicate with learners, employees and other stakeholders, including conflict resolution		+		
25	8	The HEI should ensure measurement of the degree of satisfaction with the needs of the teaching staff, staff and students within the framework of the EP and demonstrate evidence of deficiencies elimination		+		
26	9	The HEI should evaluate efficiency and performance efficiency, including in the context of the EPs		+		
		The information collected and analysed by the HEI within the framework of the EP 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 achievement, achievements of students and suspension		+		
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 EP should help to ensure that all necessary information is available in the relevant fields of science		+		
Total standard			0	17	0	0
"Development and approval of educational programme" standard						
35	1	The HEI must demonstrate the existence of a documented procedure for the development of the EP and its approval at the institutional level		+		
36	2	The HEI must demonstrate compliance of the developed EP to the established objectives and planned learning outcomes		+		
37	3	The management of the EP should determine the influence of disciplines and professional practices on the formation of results educations		+		
38	4	The HEI can demonstrate the existence of a model of the EP graduate, describing learning outcomes and personal qualities		+		
39	5	The qualification awarded on completion of the EP shall be clearly defined, explained and meet the defined level of the NSC, QF-EHEA		+		
40	6	The management of the EP 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 fit for purpose, with a focus on achieving 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 degree, Master's degree, 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 EP should provide evidence of the participation of learners, faculty and other stakeholders in the development of EPs, ensuring their quality			+	
44	10	The management of the EP should demonstrate the positioning of the EP in the educational market, (regional/national/international), its uniqueness		+		
45	11	An important factor is the opportunity to prepare 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	9	3	0
"Continuous monitoring and periodic evaluation of educational programmes" standard						

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 must demonstrate the existence of a documented procedure for monitoring and periodic evaluation of the EP for achievement of the EP objective. The results of these procedures are aimed at continuous improvement of the EP		+		
		Monitoring and periodic evaluation of the EP should to consider:				
49	3	programme content in the context of recent developments 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 learner assessment procedures		+		
53	7	learners' needs and satisfaction		+		
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 regarding the OP. All changes, made in the OP should be published			+	
56	10	Support services should identify the needs of different groups of learners and their satisfaction with the training organisation, teaching, assessment, learning of the OP as a whole			+	
Total standard			0	8	2	0
Student-centred learning, teaching and assessment of learning" standard						
57	1	The management of the OP should ensure respect and consideration to different groups of learners and their needs, providing them with flexible learning paths		+		
58	2	The management of the OP 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 OP objectives, including competences, skills to perform scientific work at the required level		+		
59	3	The management of the OP should determine the mechanisms for the distribution of students' study load between theory and practice within the framework of the OP, to ensure that the content and objectives of the OP are mastered by each graduate		+		

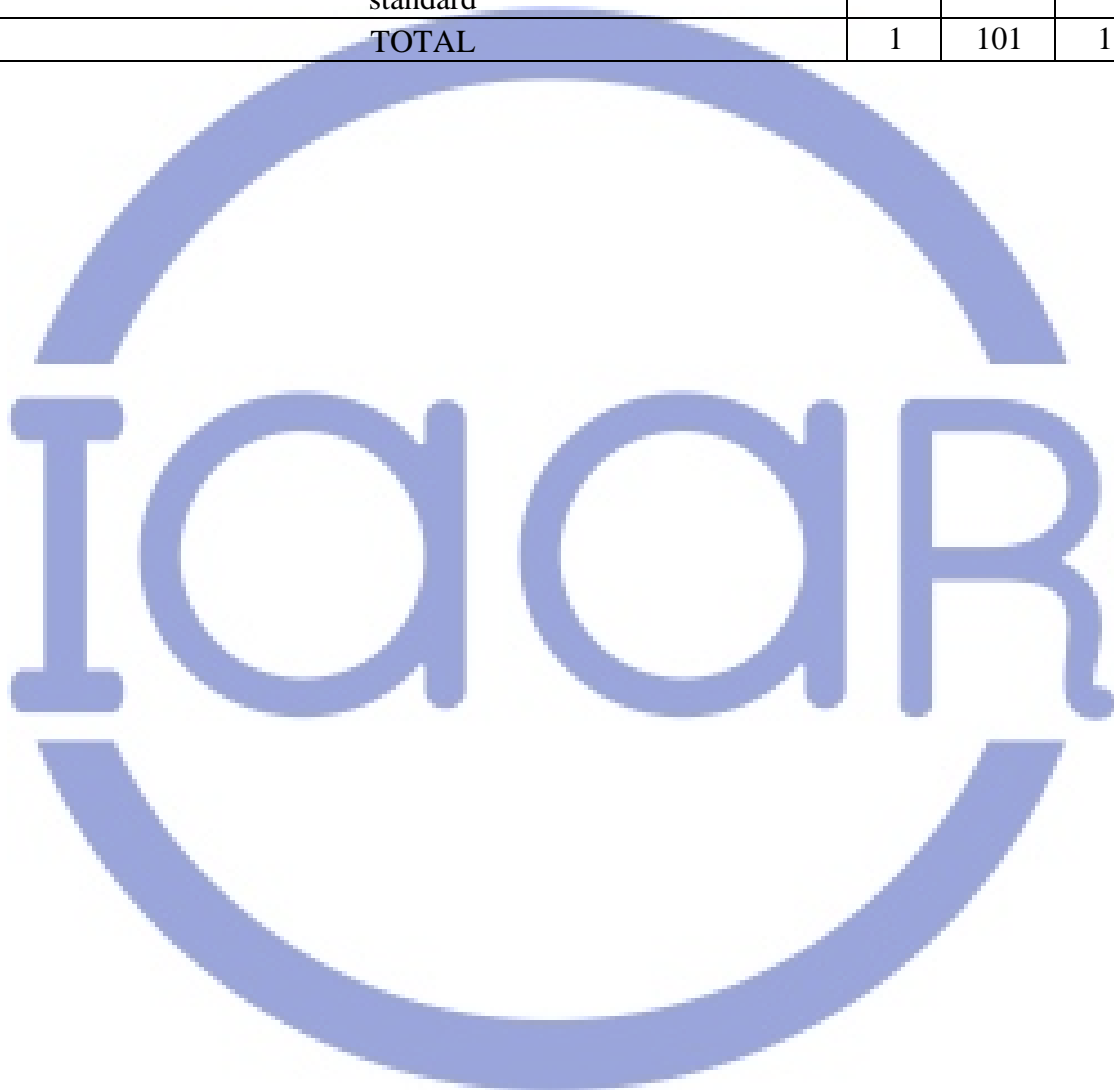
60	4	An important factor is the availability of own research in the field of teaching methodology of disciplines OP		+		
61	5	The HEI should ensure that the procedures for assessing learning outcomes are in line with the planned outcomes and objectives OP		+		
62	6	The University is obliged to ensure consistency, transparency and objectivity of the mechanism of assessment of learning outcomes of EP. Criteria and methods of assessment of learning outcomes must be published in advance		+		
63	7	Assessors should be proficient in modern methods of assessing learning outcomes and regularly upskill in this area		+		
64	8	The management of the OP must demonstrate the existence of feedback systems on the use of different teaching methods and assessment of learning outcomes		+		
65	9	OP leadership must demonstrate support for learner autonomy while guiding and assistance from the teacher		+		
66	10	OP management must demonstrate that there is a procedure in place for responding to learner complaints		+		
Total standard			0	10	0	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 regulating the life cycle of the university learners (from enrolment to completion) should be identified, approved, published		+		
68	2	The management of the EP should provide for the conduct of 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, and also the results of additional, formal and non-formal learning experiences		+		
70	4	The university should provide opportunities for external and internal academic mobility of students, and also assist them in obtaining external grants for training			+	
71	5	The university should actively encourage students to self-education and development beyond the core programme (extracurricular activities)		+		

72	6	An important factor is the presence of a support mechanism to gifted students		+		
73	7	The HEI should demonstrate cooperation with other educational organisations and national centres "European Network of National Information Centres for Academic Recognition and Mobility/National Academic Recognition Information Centres" ENIC/NARIC with to ensure comparable recognition of qualifications		+		
74	8	The HEI should provide students with practice places, demonstrate the facilitation procedure of employment of graduates, keeping in touch with them		+		
75	9	The HEI must demonstrate the procedure for issuing to graduates documents confirming the obtained qualifications, including learning outcomes achieved		+		
76	10	The management of the EP must demonstrate that graduates of the programme have the skills, in demand on the labour market and that these skills are indeed in demand on the labour market		+		
77	11	The management of the EP must demonstrate the existence of a mechanism for monitoring the employment and professional activity of graduates		+		
78	12	An important factor is the existence of a functioning alumni associations/unions		+		
Total standard			0	11	1	0
"Faculty of professors and academic staff" standard						
79	1	The HEI should have an objective and transparent personnel policy in the context of the EPs, including recruitment (including visiting teaching staff), professional staff growth and development, ensuring professional competence of the entire staff		+		
80	2	The HEI should demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements and the HEI strategy, EP objectives		+		
81	3	The management of the EP 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 career opportunities growth and professional development of teaching staff, including young teachers		+		
83	5	Higher education institutions should attract specialists of relevant industries with professional competences to teach, compliant with the requirements of the EP		+		
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 by the teaching staff In the educational process (e.g. on-line learning, e-portfolios, MOOCs, etc.).			+	
86	8	The HEI should demonstrate the focus of activities on the development of academic mobility, attracting the best foreign and local 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 EP goals			+	
88	10	An important factor is the involvement of the faculty in the development of the economy, education, science and culture of the region and the country			+	
Total standard			1	8	1	0
"Educational Resources and Student Support Systems" standard						
89	1	The HEI should guarantee the compliance of educational resources, including material and technical, and infrastructure to the objectives of the EP			+	
90	2	The management of the EP should demonstrate the availability of classrooms, laboratories and other facilities equipped with modern equipment and ensuring the achievement of the objectives of the EP			+	
		The HEI must demonstrate that the information resources meet the needs of the HEI and the implemented EPs, including in the following areas:				
91	3	technological support for students and faculty in accordance with educational programmes (e.g., online learning, modelling, databases, programmes data analysis)			+	
92	4	library resources, including the collection of educational, methodological and scientific literature on general education, basic and specialised subjects. The following programmes are available on paper and electronic media, periodicals, access to scientific databases			+	
93	5	expertise of the results of research and development, graduation works, dissertations for plagiarism			+	
94	6	access to educational Internet resources			+	
95	7	operation of WI-FI on the territory			+	
96	8	The HEI should demonstrate that it creates conditions for conducting scientific research, integration of science and education, publication of the results of scientific and educational programmes, and the development of new technologies. research work of teaching staff, staff and students				+

97	9	The HEI should endeavour to ensure that the educational equipment and software tools used to the development of educational programmes were similar to those used in the relevant sectors of the economy		+		
98	10	The management of the EP must demonstrate the existence of procedures for supporting different groups of learners, including information and counselling		+		
99	11	The management of the EP must show that there are conditions for the progress of the learner on an individualised basis educational path		+		
100	12	The HEI should take into account the needs of different groups of students (adults, working, international students, as well as students with special needs). educational needs)		+		
101	13	The HEI should ensure that the infrastructure meets security requirements		+		
Total standard			0	12	1	0
Public Awareness Standard						
102	1	The information published by the university should be accurate, objective, up-to-date 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 management of HEI should use a variety of ways to disseminate information (including mass media, web resources, informational networks, etc.) to inform the general public and stakeholders		+		
		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, awarded qualification		+		
106	5	information on the system of assessment of learning achievements of learners		+		
107	6	information on academic mobility programmes and other forms of cooperation with partner universities, employers		+		
108	7	information on opportunities for the development of personal and professional competences of students and employment		+		
109	8	data reflecting the positioning of the EP on the educational services market (at the regional level, national, international levels)		+		
110	9	An important factor is the publication on open resources of reliable information about teaching staff, in terms of personalities		+		

111	10	The HEI should publish on its own web resource audited financial statements of the EP		+		
112	11	The HEI should place information and links to external resources on the results of external evaluation procedures		+		
113	12	An important factor is the posting of information of cooperation and collaboration with partners, including scientific/consulting partners, organisations, business partners, social partners and educational organisations		+		
Total standard			0	12	0	0
TOTAL			1	101	11	0



EP 6B07112 - "Transport, transport equipment and technologies", 6B08716 - "Transport, transport equipment and technologies", "Agrarian machinery and technology"

No	No	Evaluation criteria	Organisation's position educations			
			Strong	Satisfactory	Assumes improvement	Unsatisfactory
"Education Programme Management" standard						
1	1	The HEI should demonstrate the development of the goal and strategy of the EP development based on the analysis of external and internal factors with wide involvement of various stakeholders		+		
2	2	The quality assurance policy should reflect the relationship between scientific 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 any activities carried out by contractors and partners (outsourcing), including in the implementation of joint/dual education and academic mobility		+		
5	5	The management of the EP ensures transparency of the development plan of the EP based on the analysis of its functioning, real positioning of the HEI and its orientation. The aim is to fulfil the needs of the state, employers, stakeholders and learners		+		
6	6	The management of the EP demonstrates the functioning of the mechanisms of formation and regular revision of the EP development plan and monitoring of its implementation, evaluation of the achievement of learning objectives, compliance with the needs of learners, employers and society, making decisions aimed at continuous improvement of the EP			+	
7	7	The management of the EP should involve representatives of stakeholder groups, individuals, including employers, students and teaching staff to formulate the EP development plan			+	

8	8	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		+		
9	9	The HEI must demonstrate clear identification of those responsible for business processes within EP, job allocation duties of staff, delineation of functions of collegial 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 engages the stakeholder process		+		
11	11	The management of the EP should ensure transparency of the management system, functioning of the internal quality assurance system, including its design, management and monitoring, and appropriate decision-making		+		
12	12	The management of the EP should implement risk management		+		
13	13	The management of the EP 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 in the decision-making process of the education programme		+		
14	14	The HEI must demonstrate innovation management in within the framework of the EP, including analysing and implementing innovative suggestions			+	
15	15	The management of the EP should demonstrate its openness and accessibility to learners, employers and other stakeholders		+		
16	16	The management of the EP confirms the completion of training or education management programmes		+		
17	17	The management of the EP should endeavour to ensure that the progress made since the last external procedure of quality assurance, taken into account in preparation for the following procedure		+		
Total standard			0	14	3	0
"Information Management and Reporting" standard						
18	1	The HEI 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	The management of the EP demonstrates systematic use of processed, adequate information to improve the internal quality assurance system		+		
20	3	The management of the EP demonstrates availability reporting system reflecting the activities of all structural units of subdivisions and chairs within the framework of the EP, including assessment of their performance		+		

21	4	The HEI should determine the periodicity, forms and methods of evaluation of the EP management, activities of collegial bodies and structural divisions, senior 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 the involvement of students, employees and teaching staff into the processes of collecting and analysing information and making decisions based on it		+		
24	7	The management of the EP must demonstrate that mechanisms are in place to communicate with learners, employees and other stakeholders, including authorisation to conflicts		+		
25	8	The HEI is obliged to ensure measurement of the degree of satisfaction of the needs of the teaching staff, staff and students within the framework of the EP and demonstrate evidence of elimination of the detected deficiencies		+		
26	9	The HEI should evaluate the efficiency and effectiveness of activities, including in terms of EPs		+		
		The information collected and analysed by the HEI within the framework of the EP 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	grade level, student achievement and dropout rates		+		
30	13	satisfaction of students with implementation of EP and quality of education at the university		+		
31	14	accessibility of educational resources and support systems for trainees		+		
32	15	employment and career development of graduates		+		
33	16	Students, staff and teaching staff must document their consent to the processing of personal data.		+		
34	17	The management of the EP should help to ensure that all necessary information is available in the relevant fields of sciences		+		
Total standard			0	17	0	0
"Development and approval of educational programme" standard						
35	1	The HEI must demonstrate the existence of a documented procedure for the development of the EP and its approval at the institutional level		+		
36	2	The HEI must demonstrate compliance of the developed EP with the established objectives and planned learning outcomes		+		
37	3	The management of EP 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 EP graduate model describing learning outcomes and personal qualities		+		

39	5	The qualification awarded on completion of the EP should be clearly defined, explained and aligned with a certain level of NSQ level, QF-EHEA		+		
40	6	The management of EP must demonstrate the modular structure of the programme based on the European Credit Transfer and Accumulation System (ECTS), ensure compliance with the EP, its modules (in terms of content and structure) to the set objectives with orientation on achievement of planned learning outcomes		+		
41	7	The management of the EP should ensure that the content of academic disciplines and learning outcomes are consistent with each other and with the level of education (bachelor's, master's, doctoral studies)		+		
42	8	The management of the EP should demonstrate that external reviews of the EP have been implemented		+		
43	9	The management of the EP should provide evidence of the involvement of learners, teaching staff and other stakeholders in the development of the EP, quality assurance			+	
44	10	The management of the EP should demonstrate the positioning of the EP in the educational market, (regional/national/international), its uniqueness		+		
45	11	An important factor is the possibility of training the learner to professional certification			+	
46	12	An important factor is the availability of double degree programmes and/or joint programmes with foreign HEIs			+	
Total standard			0	9	3	0
"Continuous monitoring and periodic evaluation of educational programmes" standard						
47	1	The HEI should ensure that the content and structure of EP are revised, taking into account 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 EP to achieve the objective of the EP. The results of these procedures are aimed at continuous EP improvement		+		
		Monitoring and periodic evaluation of the EP 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 learner 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 EP		+		
55	9	all interested parties should be informed of any planned or undertaken actions in relation to the EP. All changes made to the EP should be published			+	

56	10	Support services should identify the needs of different groups of learners and their satisfaction with the organization of learning, teaching, assessment, mastering of the EP as a whole			+	
Total standard			0	8	2	0
Student-centred learning, teaching and assessment of learning" standard						
57	1	The management of the EP should ensure respect and consideration for different groups of students and their needs, providing them with flexible learning paths			+	
58	2	The management of the EP should ensure teaching based on modern achievements of world science and practice in the field of training direction, the use of various modern methods of teaching and assessment of learning outcomes, ensuring the achievement of the objectives of the programme, including competences, skills to perform scientific work at the required level			+	
59	3	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 EP objectives by each graduate			+	
60	4	An important factor is the availability of own research in the field of teaching methodology of EP disciplines			+	
61	5	The HEI should ensure that the results assessment procedures are in line with the planned learning outcomes and objectives of the EP			+	
62	6	The HEI should ensure consistency, transparency and objectivity of the mechanism of assessment of learning outcomes of the EP. Criteria and methods for assessing learning outcomes should be published in advance			+	
63	7	Evaluators should be proficient in modern methods of assessing learning outcomes and regularly upgrade their skills in this area			+	
64	8	The management of the EP must demonstrate that a system is in place for feedback on the use of different teaching methods and assessment of learning outcomes			+	
65	9	The management of the EP must demonstrate support for learner autonomy while guiding and teacher assistance			+	
66	10	The management of the EP must demonstrate that there is a procedure in place for responding to learner complaints			+	
Total standard			0	10	0	0
"Learners" standard						
67	1	The HEI should demonstrate the policy of forming the contingent of students and ensure the transparency of its procedures. Procedures regulating the life cycle of students (from enrolment to completion), must be defined, approved, published			+	

68	2	The management of the EP 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 for the recognition of academic results, the mobility of learners, 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 to assist them in obtaining external grants for training			+	
71	5	The HEI should actively encourage students to self-education and development outside the core programme (extracurricular activities)		+		
72	6	An important factor is the presence of a support mechanism to gifted students		+		
73	7	The HEI should demonstrate cooperation with other educational organisations and national centres "European Network of National Information Centres for Academic Recognition and Mobility/National Academic Recognition Information Centres" ENIC/NARIC to ensure comparable recognition of qualifications		+		
74	8	The HEI must provide students with places of practice, demonstrate the procedure for facilitating the employment of graduates and keeping in touch with them		+		
75	9	The HEI should demonstrate the procedure for issuing documents to graduates confirming the obtained qualification, including the learning outcomes achieved		+		
76	10	The management of the EP should demonstrate that the graduates of the programme have skills that are in demand on the labour market and that these skills are actually in demand in the labour market		+		
77	11	The management of the EP should demonstrate that there is a mechanism in place to monitor employment and occupational performance of graduates		+		
78	12	An important factor is the presence of a functioning alumni associations/unions		+		
Total standard			0	11	1	0
"Faculty of professors and academic staff" standard						
79	1	The HEI should have an objective and transparent HR policy in the context of EPs, including recruitment (including visiting faculty), professional growth and development staff, ensuring the professional competence of the entire workforce		+		
80	2	The HEI must demonstrate that it meets the quality the composition of the teaching staff to the established qualification requirements, HEI strategy, EP objectives		+		
81	3	The management of the EP must demonstrate a change in the role of the teaching staff member in relation to the shift to student-centred learning and teaching		+		

82	4	The HEI should provide opportunities for career development and professional development of teaching staff, including youngteachers		+		
83	5	The HEI should involve in teaching specialists of relevant industries, who have professional competences appropriate to the requirements of the EP		+		
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 by the teachingstaff and software tools in the educational process (e.g. on-line learning, e-portfolios, MOOCs, etc.).			+	
86	8	The HEI should demonstrate the focus of activities on the development of academic mobility, attracting the best foreign andlocal students and teachers			+	
87	9	The HEI should demonstrate the involvement of each teaching staff 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 EP goals		+		
88	10	An important factor is the involvement of faculty in the development of the economy, education, science and culture of theregion and the country		+		
Total standard			1	7	2	0
"Educational Resources and Student Support Systems" standard						
89	1	The HEI should guarantee the compliance of educational resources, including material and technical resources, and infrastructure with theobjectives of the programme educational programme		+		
90	2	The management of the EP should demonstrate the availability of classrooms, laboratories and other facilities equipped with up-to-dateequipment and ensuring the achievement of the objectives of the EP		+		
		The HEI must demonstrate compliance with the information resources to the needs of the HEI and the implemented programmes,including the following areas:				
91	3	technological support for students and teaching staff in accordance withthe EP (e.g. on-line learning, modelling, databases, dataanalysis software)		+		
92	4	library resources, including the collection of educational, methodologicaland scientific literature on general education, basic and specialised disciplines in paper and electronic form. The following publications are available on the Internet: media,periodicals, access to scientific databases		+		

93	5	expertise of the results of research and development, graduation theses, dissertations on plagiarism		+		
94	6	access to educational Internet resources		+		
95	7	operation of WI-FI on the territory		+		
96	8	The HEI should demonstrate that it creates conditions for scientific research, integration of science and education, publication of the results of research work of faculty, staff and students			+	
97	9	The HEI should strive to ensure that the educational equipment and software tools used for mastering the educational programmes were similar to those used in the respective industries		+		
98	10	The management of the EP should demonstrate that procedures of support for different groups of learners are present, including information and counselling		+		
99	11	The management of the EP must show that conditions exist for advancement of the student on an individual educational trajectory		+		
100	12	The HEI should take into account the needs of different groups of learners (adults, working, international learners, as well as students with special educational needs)		+		
101	13	The HEI should ensure that the infrastructure meets the requirements security		+		
Total standard			0	12	1	0
Public Awareness Standard						
102	1	The information published by the HEI should be accurate, objective, relevant and reflect all areas of the university's activities within the framework of the EP		+		
103	2	Public information should include supporting and explaining the national development programmes of the country and the higher and postgraduate education system		+		
104	3	The management of HEI should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) in order to inform the general public and stakeholders		+		
		Information published by the HEI about the EP should be objective and up-to-date and should include:				
105	4	the purpose and planned results of the programme, assigned qualification		+		
106	5	information and system of evaluation of students' academic achievements		+		
107	6	information on academic mobility programmes and other programmes forms of co-operation with partner universities and employers		+		
108	7	information on opportunities for the development of personal and professional competences of students and employment		+		
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 of reliable information on teaching staff on open resources, in terms of personalities		+		
111	10	The HEI should publish audited financial statements on the EP on its own web resource		+		
112	11	The HEI should place information and links to external resources on the results of external evaluation procedures		+		
113	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	12	0	0
TOTAL			1	100	12	0

