INDEPENDENT AGENCY ACCREDITATION AND RANKINGS

Independent agency for accreditation rating

Addressed to
Accreditation Council
Independent agency for accreditation and rating

REPORT

the results of the external peer assessment committee
for compliance with the standards of the specialized accreditation of educational programs
5B080600 - AGRICULTURAL TECHNOLOGY
6M080600 - AGRICULTURAL TECHNOLOGY
6D080600 - AGRICULTURAL TECHNOLOGY
5B072400 - Technological machinery and equipment
6M072400 - Technological machinery and equipment
The Republican State Enterprise "Kazakh National Agrarian University"
from 10 to 12 November, 2015

Almaty, November 12, 2015

In accordance with the order of 26-15-OD on 3 November 2015 by an independent agency for accreditation and rating in October 12-14, 2015 in RSE «Kazakh National Agrarian University" foreign expert committee evaluated the compliance of educational programs 5B080600 - Agricultural equipment and technology, 6M080600 - Agricultural engineering and Technology, 6D080600 - Agricultural machinery and technology 5B072400 - Technological machinery and equipment, 6M072400 - Technological machinery and equipment by the standards of specialized accreditation IAAR.

Report of the External Expert Commission (EEC) provides an assessment of educational programs provided by educational organization criteria IAAR EEC recommendations for further improvement of educational programs and educational programs profile settings RSE "Kazakh National Agrarian University."

The composition of the EEC for specialized accreditation:

1. The chairman of the commission - Bakushev Askar Asilgalievich, Ph.D., West Kazakhstan Agrarian Technical University Zhangir Khan;

2. Foreign Expert - Salnikov Elmira (Saljnikov Elmira), Dr. Ph.D, lead researcher at the Research Institute of Soil Science (Belgrade, Republic of Serbia);

3.Zarubezhny expert - Left Alena Y., c.b.s., associate professor, a subsidiary of Federal State Educational Institution of Higher Professional Education of Tyumen State University (Ishim, Russia);

4. Expert - Ibadullaev Saltanat Zharylkasynovna, Ph.D., professor, Kyzylorda State University Korkyt-Ata;

5. Expert - Stybaev Ghani Zhasymbekovich, KS, agricultural sciences, associate professor Kazakh Agro Technical University. S.Seifullin;

6. Expert - Sattybaeva Zeynegul Dzhumabekovna, associate professor, KS, agricultural sciences, Kokshetau State University. Ualikhanov;

7. Expert - Aryngazin Kapar Shakimovich, Ph.D., professor, Pavlodar State University of S.Toraigyrov;

8. Expert - Turebaeva Clara Zhamanbaevna, d.ped.n, professor, Aktobe Regional University. By Zhubanov;

9. Expert - Eszhanov Galihan Serdalinovich, Ph.D., associate professor, Kokshetau State University. Ualikhanov;

10. The expert - Ualhanov Bayzhan Nurbaevich, Ph.D., associate professor Kazakh National Academy of Arts. TK Zhurgenov;

11. The employer - Saparov Galymzhan Abdullaevich, PhD, head of the "Agro" Kazakh Research Institute of Soil Science and Agricultural Chemistry named U.U.Uspanova (Almaty);

12. Student - Mekesov Shamshinur Askaryly, 3rd year student of Kazakh National University. Al-Farabi;

13. An observer from the Agency - Kanapyanov Timur Erbolatovich, Head of International Projects Agency (Astana).

CONTENT

(I) PRESENTATION KAZAKH NATIONAL AGRARIAN UNIVERSITY

RSE on PVC "Kazakh National Agrarian University" (hereinafter - KazNAU) is based on the two oldest universities in the country - Almaty zoo-veterinary and Kazakh Agricultural Institute.

Created in 1929 from Almaty Veterinary Institute (Decree of People's Commissars of the RSFSR of 06.26.1929)

In 1930 he opened the Kazakh Agricultural Institute (Council of People's Commissars of the RSFSR, the protocol number 40 from 06.18.1929).

In 1996 he founded the Kazakh State Agrarian University (Resolution of the Government of the Republic of Kazakhstan №422 from 04.11.2015).

In 2001, the university awarded the status of National University (Decree of the President of the Republic of Kazakhstan Nursultan Nazarbayev number 648 from 05.07.2001)

In 2010, on the occasion of the 80th anniversary, KazNAU visited by the President Nursultan Nazarbayev of Kazakhstan, who praised the work of the university faculty. He noted that the ongoing university research and education and innovation policy is aimed at a gradual transition of the domestic agricultural science to a new level of internationally recognized.

Kazakh National Agrarian University is among 10 universities of Kazakhstan, on the basis of which, in accordance with the Message of the President of the Republic of Kazakhstan to people of Kazakhstan "Nurly Zhol - THE WAY OF THE FUTURE" will be training for the projects of the State program of industrial-innovative development for 2015-2019.

It is planned to implement an autonomous management model that focuses on the development of modern academic programs based on high-level scientific research with practical application in real production.

In the national ranking of higher education institutions of the Republic of Kazakhstan KazNAU takes III place among 13 technical universities and IX place in the top 30 universities of the Republic of Kazakhstan.

According to the European scientific and industrial chamber of the university VII takes place among the universities of level 3 (BBB).

According to the Center of the Bologna process and academic mobility MES, in the academic ranking of universities of Kazakhstan on cross specialties of higher and postgraduate education KazNAU takes I place the field of "Technology of production of livestock products," Agrarian equipment and technology "," Soil Science and Agricultural Chemistry "," Veterinary medicine "," Veterinary Sanitation "; II place in the specialty "Ecology"; III place in "Agriculture".

According to the agency QS, Kazakh National Agrarian University has entered 300 universities of the world rankings.

(II) OVERALL ASSESSMENT OF EDUCATIONAL PROGRAMS

Republican state enterprise on the right of business "Kazakh National Agrarian University" (KazNAU) Ministry of Agriculture prepares specialists on the basis of secondary, vocational and higher education in the specialties bachelor and graduate on the basis of the state license number 0142690 dated 03 July 2011 and its annexes:

5B080600 "Agrarian equipment and technology", series AB number 0142690, expiration date - without time limits, date of issue 3 July 2011., COMMITTEE FOR CONTROL OF EDUCATION AND SCIENCE OF THE MINISTRY OF EDUCATION AND SCIENCE order number 592 of July 3, 2011

6M080600 "Agrarian equipment and technology", series AB number 0142690, expiration date - without time limits, date of issue 3 July 2011., COMMITTEE FOR CONTROL OF EDUCATION AND SCIENCE OF THE MINISTRY OF EDUCATION AND SCIENCE order number 592 of July 3, 2011

6D080600 "Agrarian equipment and technology", series AB number 0142690, expiration date - without time limits, date of issue 3 July 2011., COMMITTEE FOR CONTROL OF EDUCATION AND SCIENCE OF THE MINISTRY OF EDUCATION AND SCIENCE order number 592 of July 3, 2011

5B072400 "Technological machinery and equipment (by industry)" Series AB № 0142690 dated 03 July 2011, the period of validity - without time limits, date of issue 3 July 2011., COMMITTEE FOR CONTROL OF EDUCATION AND SCIENCE OF THE MINISTRY OF EDUCATION AND SCIENCE order number 592 of July 3, 2011

6M072400 "Technological machinery and equipment (by industry)" Series AB № 0142690 dated 03 July 2011, the period of validity - without time limits, date of issue 3 July 2011., COMMITTEE FOR CONTROL OF EDUCATION AND SCIENCE OF THE MINISTRY OF EDUCATION AND SCIENCE order number 592 of July 3, 2011

Educational programs of the university are implemented in accordance with the State educational standards of the RK, the Strategic Development Plan KazNAU in the 2011 - 2020 years.

Work on the implementation of educational programs aimed at meeting the needs of the Republic of Kazakhstan, on improving the quality of educational services, the formation of a positive social and psychological climate in the team. The development of educational programs provides the formation of the key, substantive and specific competencies.

Achieving these objectives is guaranteed by the fact that implementing basic educational processes are highly qualified from among scientific and teaching staff and practitioners.

(III) DESCRIPTION VISIT EEC

Activities CENTURY independent agency for accreditation and rating (hereinafter - the IAAR) was carried out on the basis of the program of the visit of external experts in specialized accreditation KazNAU between C10 on 12 November 2015. Necessary work materials were presented to members of the EEC IAAR.

In order to assess, clarify and supplement the content of submitted self-met with the rector, vice-rector on activities, the dean of the Faculty of Engineering, Head of Department "Technological machinery and equipment" (TMO), "Agrarian equipment and technology" (AT and T), the heads of departments, teachers, trainees, graduates, employers and employees from the various departments. Number of meetings attended by 97 people (see. Table 1).

Table 1: Information about the colleagues and students who participated in the meetings with EEC IAAR

Category of participants	**NUMBERS**
Rector	1
Rector for activities	3
The Dean	2
Heads of departments	2
Managers and employees of structural divisions	17
Educators	15
Students	20
undergraduates	8
Graduates	22
Employers	8
Total	**97**

In order to obtain objective information on the evaluation of educational programs EEC members of the IAAR have used techniques such as: meetings, visits, discussions and interviews with employees of various departments, students, a survey of teaching staff and students.

In general, the activities planned during the visit EEC IAAR contributed detailed acquaintance with the educational infrastructure experts' university logistic resources, teaching staff, representatives of organizations of employers, learners (students, undergraduates), and graduates. This allowed members of the EEC IAAR an independent assessment of compliance with the data contained in the reports of the self-evaluation of educational programs of the university specialized accreditation standards criteria.

In operation, the EEC, the following activities:

1) visual inspection of the infrastructure of the university: visit classrooms in the main school building, branches of departments "Agrarian equipment and technology" (LLP "KazNIIMESKH"), "Food Engineering" LLP "KazNIIMESKH" plant "Agrotech"), administrative departments, publishing "Aytumar", museums, department of professional practice and employment, Media Center, the Office of the Registrar, the scientific library, dormitory "House of Students" and other subdivisions;

2) visiting training sessions: EP 5B080600 "Agrarian equipment and technology"

- Technological machinery and equipment 2 subgroup, 3 courses, teacher: Senior Lecturer A. Ushkempirova

EP 6M080600 "Agrarian equipment and technology"

- Basic research, the group 1 courses, teacher: Prof. AK Atyhanov

EP 6D080600 "Agrarian equipment and technology"

- Management of innovative projects in the AIC Group 1 course lecturer Professor Hasanov HM

EP 5B072400 - "Technological machinery and equipment"

- Professional Russian language, the group 3 courses, teacher: Art. teacher Ismatullaev SL

3) familiarity with the faculty of the department "Agricultural Engineering and Technology" (AT and T) and "Food Engineering" (PI) in the workplace and in the process of planning meetings and interviews;

4) Pick-up interviews with students, employers.

(IV) CONFORMING SPECIALIZED ACCREDITATION

1. Standard "Management of the educational program"

The overall objective of these programs - training of bachelors, masters and doctoral students, have all kinds of competencies, capable of productive professional, scientific and educational activities in specialized, scientific and educational institutions with the necessary competence and ability to implement them in their professional activities. This educational goal and objectives EP specialties cluster harmonized with the mission of the university, are related to SES RK. Higher education. Undergraduate. The main provisions and SES RK. Post-graduate education.

Teach by EP cluster have opportunities to master the latest knowledge in the field of theory, practice, allowing them to have to develop and maintain professional competence fundamental. Strict adherence to the ideology of the Bologna Convention - credit education technology, academic freedom and mobility, perezacheta credits ECTS - promote convergence program with national and international practices in this area. To this end, students participate in academic mobility program, is taught by foreign professors. Specific data are shown in standard "Students", "PTS".

Achieving this goal corresponds to the needs of the labor market, as evidenced by the high percentage of employment of graduates and employers' feedback, which mark the graduates of the educational program formed by the presence of professional competence (knowledge of basic courses AET and TME, the possession of skills and professional skills, and interpersonal communication).

Employers also noted that graduates EP:

- Know how to set goals and tasks associated with the implementation of professional functions, and actively seek effective ways of achieving them;
- Are able to interact successfully with members of the team.

To improve the quality of educational activities of faculty departments aims:

- Updating annually methodical maintenance of educational process and assess the level of knowledge, taking into account trends in the formation of the Republic of Kazakhstan;
- Introduce modern educational technology;
- To introduce distance education;
- Develop the material and technical base (equipment rooms and laboratories).

Educational-methodical documentation EP is designed in accordance with the JI, types of programs, working curricula in Kazakh and Russian languages. In the departments of attention is paid to the organization, evaluation and control of SIW.

The training process uses electronic textbooks, educational literature and UML in electronic and magnetic media (CD-ROM, audio cassettes, video cassettes), developed case studies and other modern technology education core subjects. Chairs used a common laboratory and technical base of the university computer classrooms, lecture halls with interactive and multimedia equipment, a library and a specialized laboratory for ATT ("AA Kulibayev innovative research and education center", " Information technology in professional education " "Research Institute of Agricultural Engineering problems and new technologies", "Teaching and research laboratory of innovative technology", "Laboratory mechanized technology and production and processing of fruit and vegetables", "Laboratory resource technologies, means of production, storage and processing / agricultural products" "The Innovation Center Agroengineering" Pavilion of agricultural machinery) and TMT ("Laboratory of machine parts," "Laboratory of Theoretical Mechanics", "Laboratory of Strength of Materials", "Theory of mechanisms and machines", "Laboratory for the restoration of the details," "Laboratory locksmith processing "" Laboratory of Machine Tools "," Laboratory for the restoration of conjugation "research laboratory:" The technology and the quality of grain and grain products "; "The technology of baking bread and bakery products"; "Extrusion Technology of food

products").

Students and undergraduates have the opportunity to participate in the activities of an educational nature. They have access to the Committee on Youth, Debate Club, KVN, sports clubs.

Forecasts of the region's needs for specialists with higher education in the field of AET and TME for the next 5 years, and a consistently high employment of graduates (90%) show the importance of these areas EP.

The uniqueness and personality development plan EP 5B080600, 6M080600, 6D080600 «Agrarian equipment and technology" and 5B072400, 6M072400 "Technological machinery and equipment" is to study the fundamental disciplines, giving an idea of the current state and prospects of development of national technical and vocational education, requirements, placed on the level and quality of training of students. Bachelor conducted in the state and Russian languages on full-time, part-time shortened, distance learning, and on the basis of higher education. Training Masters in OD 6M080600, 6D080600 «Agrarian equipment and technology," 6M072400 "Technological machinery and equipment" made in state and Russian languages on full-time education.

Strategic Development Plan of the University for 2011-2020 efficiently and rationally use the available resources: human resources, material and technical resources, information resources, established partnerships with companies and organizations, to analyze the level of competitiveness in the educational space in the region (comparison with the results of the activities of the department " Agricultural equipment and technology "and" Food Engineering ").

In order to increase the competitiveness of developed and implemented activities such as: the involvement of the PTS and abroad; analysis of the relevance and competitiveness of graduates; development of foreign academic mobility; commitment to the implementation of the program "Double diploma"; expansion of the academic environment around the university; students participate in the activities of the university, faculty and department.

Overall traced consistency in the management of ongoing training programs, which is expressed in the creation of the necessary collective bodies to monitor the quality of the content (methodological advice), provide feedback to students (virtually) and employers. Reviews of employers are discussed at faculty meetings. Their analysis shows that the qualities of graduates are in demand along with professional competence and also in related areas, capacity for innovation and creativity, the use of information technology, computing and communication tools.

EP equipped with WC, syllabus, EMCD developed in accordance with the regulations KazNAU in the Kazakh and Russian languages.

Content WC, syllabus and EMCD meet modern requirements of training and the specificity of EP. EMCD held a preliminary examination at faculty meetings. After a preliminary examination of educational-methodical documentation discussed at the methodical council of faculty, EMC University provost and approved by ED. Decision of the Training Council of the University EMCD may be recommended for publication.

PTS implements EP, attention is paid to the organization, evaluation and control of SIW. The schedule of consultations SIW, in all disciplines developed guidelines for assignments SIW.

Effectiveness and efficiency of EP is supported by the fact that teachers, prepares students according to EP, regularly attend refresher courses at both regional and national, and international level. Students participate in republican Olympiads, international grant programs, on the basis of professional practices are thank-you letters.

Studies conducted by PTS departments, are of applied scientific and exploratory in AET and TME. Departments have their own research areas, having a certain theoretical and practical significance, and aimed at the development of important aspects of the disciplinary implemented in the educational process.

Students have access to the portal KazNAU to information relating to the learning process: the schedule of lectures, practical training, content and duration of future studies. PTS, head of

the department have office hours for parents and other interested parties (in the classrooms №659 of educational building № 6 and №121of educational building №10).

However, the Panel notes that the operating system of development planning EP needs some work.

Experts pointed out the need to measure the degree of satisfaction of the needs of faculty, staff and students.

The Commission recommends:

- Intensify the work system analysis satisfaction PTS trainees, based on the opinion of the staff and consumers of educational services to a greater extent.

- EP management must demonstrate evidence of operational deficiencies detected during the measurement.

EEC notes that the 23 criteria of the standard university has a strong, satisfactory 13 positions 1 position and needs to be improved.

2. Standard "The specifics of the educational program"

Educational programs are developed based on SES and specialties consistent with the mission of the university and the demands of the labor market. Specialized departments, "AT and T," "PI" implemented EP specialties: 5B080600 "Agrarian equipment and technology," 6M080600 "Agrarian equipment and technology", 6D080600 "Agrarian equipment and technology," 5B072400 "Technological machinery and equipment", 6M072400 " Technological machinery and equipment "in accordance with the Dublin descriptors agreed with the European Qualifications Framework. The university realized mainly competence and student-centered approach.

EP regulate the objectives, expected results, content, conditions and technologies of the learning process, assessment of the quality of training of graduates on the profile of training and includes a range of educational and regulatory documentation. This complex includes: the curriculum, the schedule of the educational process, the work programs of courses, subjects, disciplines (modules), a program of training, production and teaching practices and learning materials to ensure the implementation of appropriate educational credit system.

The purpose of the cycle of general education courses - training of specialists of a new formation with broad fundamental knowledge, initiative, adapted to the changing requirements of the labor market, able to work in a team. Providing conditions for the acquisition of a high general level of intellectual development.

The aim of the cycle of basic disciplines are to obtain fundamental knowledge in a particular subject area, mastering the methods of scientific analysis and forecasting of the various phenomena, the ability to use them in the professional sphere.

The purpose of the cycle majors is the fundamental conclusion of bachelor and improving professional competence; specialist training for creative, professional and social activities, qualitative performance of practical tasks under conditions of uncertainty and risk; increase the competitiveness of graduates in the market of graduates in the region and the Republic of Kazakhstan.

The EP for undergraduate are four groups of modules corresponding to the structure of the Model of the curriculum:

Group 1 - Modules "Theoretical learning", which form the general and special professional competence bachelor;

Group 2 - the module "Practice" aimed at fostering the skills of professional activity;

Group 3 - module "Final state certification" aimed at checking the quality of education earned;

Group 4 - "Additional kinds of training" (physical training), developing the physical condition of the student.

In one academic period (semester) full-time students mastered a minimum of 18-22 credits.

Model of the curriculum EP includes the allocation of credits for the modules in cycles of disciplines for semesters. Formation of the modules within cycles based on the model curriculum, where there are cycles of disciplines defined discipline essential component, the amount of loans cycles and disciplines

The EP for the Judiciary, the following groups of modules:

Group 1 - Modules "Theoretical learning", which form the general and special professional competence of a master's degree;

Group 2 - the module "Research work and practice" aimed at fostering the skills of professional activity;

Group 3 - module "Final state certification" aimed at checking the quality of education earned.

In forming the EP takes into account the ultimate goals of higher education. EP aimed at achieving the following objectives:

- Mastering basic knowledge of AET and TME;

- The acquisition of knowledge, skills and abilities necessary to carry out professional activities in the field of AET and TME.

In accordance with the ultimate goals of higher and postgraduate education model developed by graduate EP. According to this model, a graduate of the EP has the following types of competencies:

- Key (forming, organize, research);

- Substantive (communicative, technological, controls);

-Special (software, interdisciplinary, social, developing, creative, organizational and methodological).

Formation of professional competence of students is due to the content, scope and logic of the individual trajectory of students.

Along with a block of compulsory subjects for EP of SEP developed elective courses. As the choice of courses in the curriculum includes disciplines aimed at the formation of the key, substantive and specific competencies: to know, to be able to own, to have an idea and be competent.

The aim of elective courses of the theoretical cycle is to supplement and detail the required disciplines: physics, mathematics, computer science, theoretical and applied mechanics, engineering graphics, tractors and automobiles, the use of agro-technical machines.

Specificity EP reflected in the content of working curricula for undergraduate, graduate and doctoral programs.

When creating EP takes into account the opinion and the needs of employers in training at AET and TME.

An important factor in the development of EP is to study the experience of foreign universities (Ruse University. Alexander Kanchev from Bulgaria, the University of St. Stephen, Hungary, Agricultural University of Florence, Italy, University of Transylvania, Romania, University Aleksandras Stulginskis, Lithuania, St. Petersburg Agrarian University, Irkutsk Agricultural University, Altai Agrarian Academy).

Chairs established a system for monitoring the progress of students in the educational trajectory. Advisors monitor the ratings of students, which are discussed at faculty meetings. The developed system of monitoring of the educational environment provided by the university level approach to the planning of different types of control, a systematic approach to monitoring a variety of formative and summative forms of control at all management levels.

Quality Policy is reflected in the complex internal documents of the quality management system developed for the effective implementation and monitoring of the basic processes of activity of departments: educational, methodical, scientific and educational work. Quality policy is based on the strategic plan of departments and KazNAU, brought to the attention of all teachers, staff and students of the university and is constantly monitored.

Diploma and course projects, the work of students, masters and doctoral theses, the content of all kinds of professional, educational and research practices are closely related to the specifics of future careers of graduates. Research topics graduates have practical orientation, based on the experiment, it is imperative testing materials graduation project, work, master's and doctoral theses in practice. Heads of final works, master's and doctoral theses are assigned experienced and highly qualified teachers, professor, among reviewers' theses - representatives of employers.

To check the educational achievements of students and undergraduates are provided in between the current and the final form of control. Assessment of knowledge is carried out on the score-rating system of the Model rules of the current control of progress, intermediate and final assessment of students in higher educational institutions (Prov. №125 MES from 18.03.2008).

Monitoring the progress made in the learning process according to the schedule of training sessions and training schedule SIWT compiled sector organizations academic classes.

Interim certification of students' progress is carried out during the period of the rating control in accordance with the academic calendar for the current academic year, based on a curriculum and SES specialties.

The results of the rating control are entered in the rating list, which also reflected the results of ongoing performance. Average of these two indicators characterized the results of boundary control.

Final certification takes the form of examination conducted in a test or verbal. The shape of the control of this or that discipline at the beginning of the school year is decided at the Council meeting the Faculty

The examinations are conducted in accordance with the schedule of examinations.

One of the conditions for the effective implementation of the loan program is the use of innovative teaching methods. Experience of implementing relevant and effective techniques becomes the object of the demonstration on demonstration and open sessions and recorded in the journals the interaction visits of teachers and reflected in the plans educational - methodical work and records of the Teaching - methodical council.

In carrying out its educational activities of the department seek to establish contacts with other universities, to exchange experiences, to introduce double degree programs.

The department maintains scientific relations with universities and research centers near and far abroad: Ruse University. A. Kanchev, Bulgaria, University of St. Stephen, Hungary, Agricultural University of Florence, Italy, University of Transylvania, Romania, University Aleksandras Stulginskis, Lithuania, St. Petersburg Agrarian University, Irkutsk Agricultural University, Altai Agrarian Academy, Kyrgyz Agrarian University. Scriabin.

To teach the students and teachers of the department of training and the exchange of technology to invite foreign lecturers: Karaivanov A.D. Bulgaria (Sofia), Vladimir Kudryashov, Irkutsk (Russia), G. Boa (USA), F.G. Pegna (Italy), Vladimir Streltsov (Moscow, Russia), S. Novitsky (Belarus).

During training students EP under the SES are different types of practice: learning, teaching and evaluation, production, technology, pre-degree, teaching, research practice.

Bases of practice are educational and support units of the university, as well as the organization corresponding to the profile a specialty (or affiliates). Chairs concluded a total of more than 40 agreements with relevant institutions and organizations. Among them: TOO "KazNIIMESKH" LLP KazNIIPTS "UNPTS" Bayserke-Agro ", etc.

At the end of practice students, undergraduates and doctoral students pass the reports on the approved form. The results of training and production, production and pre-diploma, teaching and research practices are reviewed and discussed at the final conference. Reports on all types of practices in the departments there.

As a result of industrial practice by many enterprises in the city are directed to the University of letters of appreciation.

However, at a meeting with undergraduates it noted that sometimes there is duplication of

the content of some subjects and to master partially encountering a material already studied them at bachelor. This set of teaching methods is not much different from the methods used in the bachelor. What obviously made possible by a formal review of the contents of EP without considering the opinion of graduates, employers, etc.

In addition, visual inspection and interviews with the students noted that equal access to education is not always fully complied with it in terms of the formation of individual educational programs and leadership EP does not give sufficient attention to individual learning, especially in the undergraduate.

The Commission recommends:

- To improve the content of educational programs, enable individual and, if necessary, and inclusive education;

- Pay more attention to the success of the work of advisors, to avoid formalism in planning individual programs;

- Organize the work of improving the teaching methods used; pay more attention to their individual orientation;

EEC notes that the 3 criteria of the standard university has a strong position on 22 criteria satisfactory and 8 positions require improvement.

3. Standard "Teaching staff and teaching effectiveness"

In 2015-2016 academic year in the implementation of the EP 5B080600 "Agrarian equipment and technology", was attended by 141 teachers, of whom 132 are full-time. The overall proportion of teachers with academic degrees and titles, including general education department, was 61%. Staffing - 93.6%.

On EP 6M080600 "Agrarian equipment and technology" classes were a total of 82 teachers, 76 of whom are full-time. High qualified of all PTSs on a specialty service is 100%. Staffing - 92.7%

On EP 6D080600 "Agrarian equipment and technology" classes were a total of 82 teachers, 76 of whom are full-time. High qualified of all PTSs on a specialty service is 100%. Staffing - 92.7%

On EP 5B072400 "Technological machinery and equipment", held classes for a total of 48 teachers, 40 of whom are full-time. The overall proportion of teachers with academic degrees and titles, including general education department, was 75%. Staffing - 93.6%.

On EP 6M072400 "Technological machinery and equipment" were lessons for a total of 16 teachers, of which 14 are full-time. High qualified of all PTSs on a specialty service is 100%. Staffing - 92.7% of personal information posted on the portal of the faculty of the University.

Each lecturer is designed portfolio with all the necessary information and supporting documents about qualification, professional development, a list of the main works, read the list of disciplines.

Major accumulate and analyze information on their activities, carry out an assessment of strengths and weaknesses. According to its activity report regularly (PTS individual reports, the report of scientific and methodological seminar of departments, the annual reports of departments). The university operates a working group to assess the quality of employment. Assessment Report of attendance is submitted to the department.

The workload includes teacher training, teaching, research, organizational and methodical, educational work, as well as training activities in a professional environment. The average classroom load varies from 550 to 750 hours per year. Differentiated load depends on the EP - Bachelor, Master and Doctorate. Each teacher fills out an individual work plan, which is considered at a meeting of the department and approved by the head of the department. Report on implementation of individual plan of teachers are heard at a meeting of the department. The decision on the execution / non-fulfillment / partial fulfillment of the teacher work plan adopted

jointly. Individual plans for teachers, a report on the activities of the department are controlled provision of educational and methodical work of the university.

Further training is carried out according to the approved schedule Institute for Advanced Studies.

So, training, confirmed by the certificate took place in 2012 - 44%, in 2013 - 62%, in 2014 - 68%, in 2015 - 71%. Including foreign universities on the basis of the Czech Republic, China, Romania, Russia.

In addition, five young teachers trained in the departments of master and doctoral Kazakhstan.

PTS department participate in domestic and international competitions and win grants to perform various activities, including to carry out scientific work. For example, in 2012 - 1 the best teacher of high school; in 2013 - 1 the best teacher of high school; in 2014. - 1 grant for education "Erasmus Mundus".

Teachers of the department conduct research activities. They participate in international conferences abroad, in particular, Prague, Czech Republic 2013 Varna, Bulgaria 2014. Brasov, Romania 2014. Minsk, 2014, Varna, Bulgaria 2015.

In the period from 2012 to 2015, teachers of the department published a total of more than 243 scientific articles in national magazines of Kazakhstan; international trade magazines (of which 25 are listed in the RISC-based); collections of materials of foreign scientific conferences; in the proceedings of the Kazakhstan international and national scientific conferences, in publications with impact factor 13.

124 educational and teaching staff of the department tested benefits in the learning process, there are monographs and textbooks published abroad and in collaboration with foreign scientists. Staff of the department are members of various professional associations: the International Academy of Agricultural Education (Moscow, Russia), the International Academy of Sciences (Hanover, Germany), the National Academy of Natural Sciences (Kazakhstan), National Academy of Agricultural Sciences of Kazakhstan, National Academy of Engineering. Staff of the department have awards MES - badge Excellence in Education of Kazakhstan became the winners of the title "Best teacher of high school in 2012" (MES), "The best teacher of high school in 2013" (MES), awarded the "Gold Medal" of the European Science and Industry Chamber (Brussels , Belgium), awarded with diplomas, letters of thanks and certificates: MES, local government offices and directors.

In addition, the analysis showed insufficient number of scientific papers published in journals PTS with impact factor; not very active participation in the PTS tender for the implementation of research projects grant MES and other funds; sidedness of academic mobility, ie lack of internal academic mobility.

However, we must continue to ensure compliance with the qualification requirements and PTS specifics readable disciplines. The university is increasingly focused on replenishing cadre from among its own graduates, resulting in limitations of armaments. At the same time there is insufficient focus on the human resource strategy of the university. Obvious aging personnel and therefore IT competence PTS.

The Commission recommends:

- Increase the share of PTS recruits from other universities and research organizations;
- Develop a set of measures designed to improve the skills it on the methodology of teaching and learning, psychological comfort of trainees;
- Establish a successful PTS exchange with other Kazakhstan specialized universities.

EEC notes that the 9 criteria of the standard university has a strong position on 11 criteria satisfactory and 1 positions suggest an improvement.

4. Standard " Students "

The total number of students in the EP are students under the state order and on a paid basis day and correspondence forms of education.

Dynamics of the contingent by specialties is as follows:

Number of students EP 5B080600 "Agrarian equipment and technology," the students under the state order in the period from 2012-2013 for 2014-2015 academic year. It grew by 51%. Total contingent of students in this area full-time and part-time (using DOT) department has grown over the period almost doubled (76 pers. - 145 people).

Number of students EP 5B072400 "Technological machinery and equipment", the students of the state order, for the period from 2012-2013 for 2014-2015 academic year has decreased by 34%. Total contingent of students in this area full-time and part-time (using DOT) office declined over the period (62 pers. - 40 people).

The contingent of undergraduates EP 6M080600 "Agrarian equipment and technology" studying on a grant basis, for the period 2012-2013 for 2014-2015 academic year. The total number of students ...

The contingent of undergraduates EP 6M072400 "Technological machinery and equipment", students on a grant basis, for the period 2012-2013 for 2014-2015 academic year. It increased by 16%. The total number of students 7.

EP student performance based on the results of recent examinations (2014-2015 academic year) amounted to specialty 5B080600 "Agrarian equipment and technology" 80% (winter semester) and 83% (summer semester); specialty 6M080600 "Agrarian equipment and technology" 85% (winter semester) and 88% (summer semester). All occupations experienced higher levels of performance by an average of 4%.

EP student performance based on the results of recent examinations (2014-2015 academic year) amounted to 5B072400 specialty "Technological machinery and equipment" 82% (winter semester) and 85% (summer semester). All occupations experienced higher levels of performance by an average of 3%.

Average TDMA specialty 5B080600 "Agrarian equipment and technology" was 99.0.

Average TDMA 5B072400 specialty "Technological machinery and equipment" amounted to 99.0.

The overall performance of graduates EP can be seen in the results of the IGA. Average, which showed graduates EP 5B080600 "Agrarian equipment and technology" (2014-2015 academic year) was 3.35; EP 6M080600 "Agrarian equipment and technology" (2014-2015 academic year) - 3.59; EP 6D080600 "Agrarian equipment and technology" (2014-2015 academic year) - 3.78.

Average, which showed graduates EP 5B072400 "Technological machinery and equipment" (2014-2015 academic year) was 3.75; EP 6M072400 "Technological machinery and equipment" (2014-2015 academic year) - 3.85.

For students and undergraduates are opportunities for comfortable training with the current requirements of the educational process.

In KazNAU operates since 2009 an information portal, which for the student includes: 1) a guide (with the general rules of admission, transfer from one year to another, the transfer from other universities, and vice versa, utilized in other universities, deductions, etc.), 2) SEP 3) CED, 4) the composition of teaching staff in the disciplines; as well as registration for the program is discipline and the formation of FTI. The student has the opportunity to view the schedule of classes and examinations to monitor the educational achievements (performance for the current semester of the previous academic period), may be tested in the disciplines for self-knowledge. The student's personal offices are located educational and methodological materials for specialty disciplines. Functions database "E-dorm."

Individual schedule of examinations is allowed in case of confirmation of force majeure: sickness, maternity and others. Under the rules of the loan program, the internal regulations and the Charter of the University.

Warned the measures are:

- Individual interviews with students who have truancy;

- Invitation to underachieving students at faculty meetings and the meetings of the Faculty Council;

- Sending letters of notification to parents of students.

To eliminate the academic student debt, regardless of training, should re-examine this discipline in the terms established by the dean's office. To re-study of discipline allowed the students who have paid the re-training.

Students are involved in the implementation of research. They are involved in the project and make presentations at various academic conferences and competitions. On the chairs in the last 3 years studying published 16 articles in collections of materials abroad (CIS) scientific conferences, 102 articles in the proceedings of the Kazakhstan international scientific-practical conferences (among them - 83 - in collaboration with the teachers of the department, 19 - in collaboration with teachers of other departments). The department in the period from 2012 to 2015 students and undergraduates under the guidance of teachers of the department published 47 works.

The department "AT and T" is valid scientific club "Tulpar" under the direction of art. Baizakova J.S. Lecturer at the Department of " Food Engineering " (FE) - " The quality of food " senior lecturer Duissenbekova O.O.

EP students and undergraduates take an active part in various competitions and actively participate in cultural, scientific and other activities in the university faculties and departments, as well as the scale of the city, contributing to their personal, social and professional development. Student participation in these events marked the winners with diplomas, diplomas, certificates. The students are the winners of the annual university competitions and the contest "Young scientists Almaty Invest», the Republican subject Olympiad.

Gifted students are actively involved in the public life of the university, the area, have priority in the awarding of scholarships, awards, benefits. For example, some students have been awarded scholarships of Akim of Almaty.

The university set up a framework to facilitate and coordinate the academic mobility of students and teachers - CAM. The University works closely with universities and abroad - the Russian Federation, Belarus, Latvia, Kyrgyzstan, the Czech Republic, Poland, Bulgaria, Hungary, Romania, Italy, and others. In 2009, it signed the Magna universities. For students, the conditions for academic mobility. So, students EP 5B080600 trained in 2012-2013 academic year at the University of St. Stephen (Hungary) and graduate 6M080600 EP in 2013-2014 academic year and EP 6M072400 in 2014-2015 at the University Aleksandras Stulginskis, Lithuania.

Students have the opportunity to implement leadership and creativity. For them, working YFC, Youth Maslikhat, department of Alliance students, scientific associations, debate clubs, leisure and sports associations. Markedly increased the number of students actively participating in the collegiate bodies.

Employment of graduates of the department as a whole is monitored. Due to high demand in the region each year from the engineering staff of enterprises and organizations received an application for employment of graduates. According to the department, "AT and T" employment of graduates in 2013 was majoring 5B080600 "Agrarian equipment and technology" 79%, in 2014 - 89%; the specialty 6M080600 "Agrarian equipment and technology" in 2013 - 100% in 2014g.- 100%, 6D080600 "Agrarian equipment and technology" in 2013 - 100%

According to the department of "FE" employment of graduates in 2013 was majoring 5B072400 "Technological machinery and equipment" 100%, in 2014 - 80%, 2015-; specialty 6M072400 "Technological machinery and equipment" in 2013 - 100% in 2014- 90%, 92% 2015.

However, the Commission notes the lack of opportunities for professional certification of students in the learning process and the lack of transparency of the contingent.

Members of AGE recommend:

- Increase the participation of students in research and practice and professional activities;
-Set relationships with professional certification bodies;

- To strengthen the orientation of educational programs on professional standards;

- Raise awareness among students about the decisions of collegial bodies on the management of EP.

EEC notes that the 9 criteria of the standard university has a strong position on the 5 criteria satisfactory and 1 positions suggest an improvement.

5. Standard "The resources available to educational programs"

Logistical support of the educational process for the implementation of the EP 5B080600 "Agrarian equipment and technology," 6M080600 "Agrarian equipment and technology", 6D080600 "Agrarian equipment and technology" EP 5B072400 "Technological machinery and equipment", 6M072400 "Technological machinery and equipment" is presented in the following infrastructure: multimedia computer classes, linguistic education center, a multimedia classroom, specialized audience.

The computer class has a special program for the design of machines and processes Adams / Mashinery, guard control projects such as "smart greenhouse." All academic buildings and student houses are equipped with access to the Internet.

Library of KazNAU has a computer lab with access to databases Republican Interuniversity Electronic Library, with the National Center for Scientific and Technical Information, "Lan», Scopus, Elsiver. On the whole territory of the university operates a free Wi-Fi. On the portal page of the university "electronic editions" are information-reference and training materials. Student access to computers is not limited during the day. For electronic resources the library functions remotely.

In subjects taught Department "AT and T," book software is:

- EP 5B080600 "Agrarian equipment and technology" - 31905 copies of books, including the Kazakh language - 27400 units;

- EP 6M080600 "Agrarian equipment and technology" and 6D080600 "Agrarian equipment and technology" „ - 12371 copies of books, including the Kazakh language - 8022 units.

In subjects taught Department "FE" book software is:

- EP 5B072400 "Technological machinery and equipment" - 35572 copies of books, including the Kazakh language - 12394 units; the volume of the electronic catalog of 463,506 records and full texts.

- EP 6M072400 "Technological machinery and equipment" - 30371 copies of books, including the Kazakh language - 10822 units.

KazNAU edits and publishes scientific journals "The results Studies" (in the registry COMMITTEE FOR CONTROL OF EDUCATION AND SCIENCE OF THE MINISTRY OF EDUCATION AND SCIENCE). Electronic versions of the journals are available and are located on the portal KazNAU.

The university carries out technological support for students and teachers, it is possible to self-test students' knowledge through access to the portal (website) of the university; there is a possibility of academic counseling. Personalized online resources help students plan and carry out educational programs; conduct professional orientation and assistance in choosing a profession.

The results of research, the texts of final papers and dissertations are passed through the "Anti-plagiarism" NCSTI.

PTS departments are studying the possibility of supporting information and reference materials and practices of the educational program in the portal KazNAU.

Students of full-time and part-time departments are trained in off-line mode, and on-line. Consultations are conducted with the use of ICT by teachers and staff training centers through forums and chat rooms Web-portal ____ and additional communications software (eg, «Skype», «Mail.ru Agent").

For students of distance learning all kinds of control are carried out virtually. Estimates for current and boundary control KazNAU published on the site. On the basis of current and boundary control attestation statement of a grade. The final control of students' progress is carried out by means of computer testing conducted in the classrooms of the university. The results of certification and final control are contained in the information-educational portal KazNAU.

Information about all the university students and the results of their training activities are recorded in a single database of information and educational portal Platonus, hosted on the server of the university intranet. After the release of the students their personal files are archived and stored on the server.

Guide KazNAU helps to improve the competence of the department faculty in the field of remote sensing information technology training. PTS takes part in seminars and scientific conferences dedicated to the introduction of innovative information technologies in educational process. It monitors the development and use of PTSs IT-technologies and the availability of training certificates. The portal has a separate page KazNAU "rating PTS" demonstrates the achievements of PTS.

Portal KazNAU provides the ability to accommodate a variety of publications, reviews of visitors on the implementation of OP specialties 5B080600 "Agrarian equipment and technology," 6M080600 "Agrarian equipment and technology", 6D080600 "Agrarian equipment and technology," 5B072400 "Technological machinery and equipment", 6M072400 "Technological cars and equipment". Information Networks KazNAU used to inform the public.

An important factor is to respect copyright when using training and methodological support in the public domain.

Information and communication technologies are a tool, which increases independent learning opportunities and enabling them to share experiences and teacher to improve their skills in the comfort of his office.

100% of PTS and 70% of the students registered on the website communication platform G-global.

At the same time, it is the lack of commitment to the evaluation of the development of logistics in terms of resources and information support of EP, as well as lack of protection EP in terms of personalized resources.

In addition, the development plans of the EP; they are not reflected in the development plans of laboratory databases. Also, lack of transparency and complaints handling. In the light of the development of the EP in the external environment is not enough publications on EP, no monitoring of the information field.

Members of EEC recommend:

- Further improvement of material and technical equipment of educational programs;
- To carry out measures to monitor the information saturation in the external environment.

EEC notes that the 12 criteria of the standard university has a strong position on 19 criteria satisfactory and 2 positions suggest an improvement.

6. Standards by separate specialties

The contents of EP 5B080600, 6M080600, 6D080600 "Agrarian equipment and technology," 5B072400, 6M072400 "Technological machinery and equipment" is associated with the formation of high-quality and sustainable competencies in the field of agricultural engineering and technology, technological machinery and equipment, and technical education.

Academic, industrial, undergraduate, teaching and research practices Rupa specialties are designed to give students an idea and inculcate the skills of the scientific organization and strengthen interest in the professional activity, to form and expanding range of professional skills, practical experience and skills in the specialty.

EEC notes that one of the criteria of the standard university has a strong position, 2 criteria are satisfactory.

(V) RECOMMENDATIONS TO IMPROVE THE PERFORMANCE OF EDUCATIONAL PROGRAMMES

In order to enhance the management of educational programs, in addition to recommendations for each standard, EEC recommends in general:

1. Analyze and develop plans for the development of educational programs for compliance with the current strategy of the university and faculties;
2. Strengthen the role of employers, graduates and students in the development and review of the MOS, designed to complement the model graduate EP "Agrarian equipment and technology" for the three levels of education (BA-MA-PhD) and SE "Technological machinery and equipment", according to national qualifications frameworks in particular professional standards;
3. To strengthen the development of multilingual education at the undergraduate level, including the establishment of conditions for inclusion and individual trajectories, regardless of the language of instruction, to consider increasing the number of dual degree programs.
4. Organize seminars for teaching staff involved in the implementation of the EP;
5. Ensure awareness of the goals and objectives of MOS to all stakeholders (employers, teaching staff and students);
6. Provide students the opportunity for professional certification;
7. Enter training courses forming students' competence, to the employment and career development;
8. Strengthen the work on the introduction in the educational process EP innovative technologies.
9. To improve the involvement of students in research and practice and professional activities;
10. Raise awareness of students about the decisions of collegial bodies on the management of EP.
11. Increase the share of PTS recruits from other universities and research organizations;
12. Pay more attention to the success of the work of advisors, to avoid formalism in planning individual programs;
13. Intensify work on systems analysis satisfaction PTS trainees, based on the opinion of the staff and consumers of educational services to a greater extent.
14. Manual EP must demonstrate evidence of operational deficiencies detected during the measurement.

RECOMMENDATION ACCREDITATION COUNCIL

The members of the external expert committee came to a unanimous opinion that the educational program "5B080600 - Agricultural engineering and technology", "6M080600 - Agricultural Engineering and Technology», «6D080600 - Agricultural engineering and technology", "5B072400 - Technological machinery and equipment", "6M072400 - Technological machinery and equipment ", implemented by **Kazakh National Agrarian University** can be accredited for a period of 5 years.

Chairman:_____ Bakushev Askar Amangalievich

Members of the committee:

_____ Salnikov Elmira

_____ Levikh Alena Yuryevna

_____ Ibadullaev Saltanat Zharylkasynovna

_____ Stybaev Ghani Zhumabaevich

_____ Sattybaeva Zeynegul Zhumabekova

_____ Aryngazin Kapar Shakimovich

_____ Turebaeva Clara Zhamanbaevna

_____ Eszhanov Galihan Serdalinovich

_____ Ualhanov Bayzhan Nurbaevich

_____ Saparov Galymzhan Abdullaevich

_____ Mekesov Shamshinur Askaruly

_____ Kanapyanov Timur Erbolatovich