

**INDEPENDENT AGENCY OF ACCREDITATION AND RATING (IAAR)
External Expert Commission**

**Addressed
to Accreditation
Council of IAAR**



Independent agency for
accreditation and rating

**REPORT
ABOUT RESULTS OF A SITE VISIT OF THE EXTERNAL EXPERT
COMMISSION
ON ASSESSMENT OF ACTIVITY OF THE KOSTANAY ENGINEERING AND
ECONOMIC UNIVERSITY NAMED AFTER M. DULATOV
WITHIN INSTITUTIONAL ACCREDITATION**

November 18-20, 2015

Kostanay 2015

According to the order of Independent Agency of Accreditation and Rating (N 29-15-OD of 16.11.15) the external expert commission (EEC) carried out an assessment of compliance of educational activity of the Kostanay Engineering and Economic University named after M. Dulatov (KEEU) to standards' criteria of institutional accreditation of IAAR. The report of the EEC contains an assessment of the university's activity against IAAR standards, recommendations about improvement of quality of the educational organization and parameters of an institutional profile.

Structure of EEC:

The commission chairman is Kosov Vladimir, Doctor of Physical and Mathematical Sciences, professor, Abay Kazakh National Pedagogical University.

1. **The foreign expert** – Petr Hajek, PhD, professor of the Central Bohemian University (Prague, the Czech Republic);
2. **The expert** - Gulnara Turtkarayeva, Candidate of Pedagogic Sciences, Associate Professor, Sh. Ualikhanov Kokshetau State University (institutional);
3. **The expert** - Sheripidin Hamrayev, Candidate of Engineering Sciences, Associate Professor, Abay Kazakh National Pedagogical University (cluster 1);
4. **The expert** - Nurbolat Sembayev, Candidate of Engineering Sciences, S. Toraygyrov Pavlodar State University (cluster 1);
5. **The expert** - Saule Aldabergenova, Master of Engineering Sciences, S. Seyfullin Kazakh Agrotechnical University (cluster 2);
6. **The expert** - Abdullah Akhmedyanov, Candidate of Engineering Sciences, Associate Professor, L.N. Gumilyov Eurasian National University (the 2nd cluster);
7. **The employer** - Lyudmila Olkinyan, Director of the Center of training and personnel development of JSC “Agromashholding” and “Saryarkaavtoprom” LLP;
8. **The student** - Symbat Abilnasirova, student of L.N. Gumilyov Eurasian National University;
9. **The observer from Agency** - Timur Kanapyanov, head of the international projects of Agency.

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1 REPRESENTATION OF THE KOSTANAY ENGINEERING AND ECONOMIC UNIVERSITY NAMED AFTER M. DULATOV

The Kostanay Engineering and Economic University named after M. Dulatov (KEEU) is the higher educational institution having the status of the legal entity, realizing professional educational programs of the higher and postgraduate education. The university has necessary normative and legal documents for maintaining an educational activity (the license N 12020748 from 05.11.2012, Charter of the KEEU, a package of internal normative materials, professional educational programs).

The basis for KEEU's emergence, its formation and further development was the opening of the LLP "Institute of Business and Management" in 1996, which a year later was transformed into the institution "Institute of Business and Management" in which students of three economic specialties were trained: "Economy and management", "Accounting and audit", "International economic relations". In 1999 the first release of 43 students on the reduced educational program of internal and extramural studies has been carried out. In 2000 the contingent of graduates was 56 people, in 2001 – 150 people. In February, 2001 the Institute of business and management has been transformed into the engineering and economic university.

On May 30, 2003 according to the government resolution of the Republic of Kazakhstan No. 497 "About the naming and renaming of the educational organization of RK" the university has appropriated a name of the Kazakh public figure Myrzhakyp Dulatov. In April, 2007 the private institution "Kostanay Engineering and Economic University named after M. Dulatov" became a founder of the private institution "The Kostanay Engineering and Pedagogical University".

In 2009 the university has successfully passed the state attestation on compliance of training level of specialists to the State Compulsory Education Standard of RK. In 15.12.2011 the private institution "Kostanay Engineering and Economic University named after M. Dulatov" has been reorganized by accession of the Kostanay Engineering and Pedagogical University.

Development of the Kostanay Engineering and Economic University named after M. Dulatov is defined by aiming at transition from a former model of training specialists to the international practice, integration into the European zone of the higher education.

On September 16, 2011 KEEU has signed the Great Charter of Universities ("Magna Charta Universitatum", Bologna).

Now the structure of the University includes 3 faculties (Economic, Engineering and Technological, Faculty of the Correspondence and Distance Learning), 8 departments ("Economy", "Management", "Account and audit", "History of Kazakhstan and social and humanitarian disciplines", "Standardization and food technologies", "Information technologies and automatic equipment", "Power and mechanical engineering", "Transport and service"), the Department of planning and organization of educational process, the Training center on retraining and professional development of personnel, the Center of energy efficiency, Information and technical center, Consulting center, Technical and economic college, etc. Eight departments of the university conduct preparation on 18 specialties of bachelor degree and two programs of magistracy.

In 2011 two specialties of bachelor degree have passed accreditation in the AIOR Accreditation center (Russia) with assignment of the European quality mark of EUR-ACE® Label: 050732 "Standardization, metrology and certification"; 050713 "Transport, transport equipment and technologies".

Nowadays KEEU is a system of multilevel education: advanced training courses, educational and technical center for preparation of working professions, college, bachelor degree, magistracy.

2 DESCRIPTION OF EEC'S VISIT

Visit of the external commission of experts in KEEU has been organized according to the program coordinated with the Chairman of EEC and approved by the Rector of the University.

In 18.11.2015 for the purpose of work coordination of EEC a meeting has taken place during which powers between members of the commission have been distributed, the schedule of visit was specified, the consent in questions of the choice of examination methods was reached.

For obtaining objective information on an assessment of activity of the university members of EEC used such methods as visual survey, supervision, interviewing of staff of various structural divisions, teachers, students, graduates and employers, questioning of the faculty and students.

The visit schedule of EEC is executed completely. The presence of all persons from the university staff specified in the visit schedule has been provided. During the visit, except the work with target groups, conversations with students and teachers of the university, graduates and employers have taken place. The members of EEC visited faculties, departments, educational and scientific laboratories, a hostel, gyms, an assembly hall, a scientific library, and also lessons and examinations. Survey of 62 teaching staff and 69 students, including undergraduates, students of younger and older years was carried out. For the work of EEC comfortable conditions have been created, access to all necessary information resources was organized. The commission notes a high level of corporate culture of the university, high degree of openness of collective in providing information to members of EEC. In their activity experts were guided by standard and instructive documents of the Independent Agency of Accreditation and Rating (IAAR). In general 236 people have taken part at meetings with experts of the External Expert Commission (Table 1), and 131 people - in survey of teachers and students.

Table 1 – Information about employees and students, participated in meetings with EEC

Category of participants	Quantity
Rector	1
Vice rectors for activities	3
The deans managing departments, heads of structural divisions	30
Teaching staff	62
Students	69
Graduates	41
Employers	30
In total	236

Along with it members of the External commission of experts during their visit of the university and drawing up the final report on results of examination used such general scientific methods and methods of research as the comparative analysis, systemacity, structurally functional approach, interview, survey, supervision. Acquaintance with material and technical resources of university.

Functioning of the external commission of experts has been ensured by necessary organizational conditions, the separate office equipped with the corresponding office equipment and access to the Internet has been provided to members of the commission. During the work of the commission the university has shown an active cooperation on all questions of implementation of the visiting program of IAAR EEC. By results of the carried-out work, external experts draw the final report conforming to requirements of IAAR. At a final meeting with the administrative board of the university the Chairman of the EEC voiced the results of the commission's work, recommendations about improvement of the university's activity and final recommendation to Accreditation Council of IAAR within institutional accreditation of the university.

3 OVERALL ASSESSMENT of KEEU

Development of the Kostanay Engineering and Economic University named after M. Dulatov is defined by aiming at transition from former model of training of specialists to the international practice, integration into the European zone of the higher education.

KEEU is a system of multilevel education today: advanced training courses, educational and technical center for preparation of working professions, college, bachelor degree, magistracy.

From 2011-2012 academic year the remote educational technology is introduced at the university. Now KEEU conducts educational activity with application of remote technologies for 18 specialties of a bachelor degree. Relying on the general principles of credit technology of training, own model of educational process is developed at the university.

Achievement of quality of the educational services provided by the university in many respects is carried out on the basis of inquiries of consumers and according to requirements of labor market for the following directions:

- participation of consumers in governing bodies of the university (board of trustees, academic council and councils of faculties, etc.);
- involvement of consumers into work on monitoring of contents of educational plans, programs, their examination, development of elective disciplines, etc.;
- participation of consumers in monitoring of quality of the university: total certifications, licensing on discovery of specialty etc.;
- participation of consumers in production introduction of scientific activity's results, in scientific grants, coordination of projects with them and scientific programs, opening of the departments' branches etc.;
- informational work of the university on training specialists not only before reception of entrants, and during the whole year (professional orientation work, job fairs, employment of graduates and monitoring of career, etc.).

The university has been preparing specialists for a national economy of Kazakhstan and, in particular, for the Northern region for 18 years. On specialties of the engineering, agricultural, economic directions more than 20 thousand people are prepared. The university carries out training of specialists in close interaction with the main employers of the region: Kostanay branch of JSC "Agromash Holding"; LLP "Saryarka Avtoprom", LLP "Evraz Kaspian Stal", KF RGP "Kazakhstan Institute of Standardization and Certification", the Kostanay Research Institute of Agriculture, LLP "Komteko", LLP "Avto planeta", Kostanay office of NK KTZh Road, LLP "Salamat", LLP "Saryagash", LLP "Agroekspert", JSC "Bayan-Sulu", LLP "KEU Rudnensky gormolzavod", etc. There are branches of departments at some enterprises.

Heads of the largest enterprises and firms were a part of the Board of trustees of the university. Many heads, chiefs of departments, chief specialists of the organizations and enterprises, city and regional administrations are graduates of the university. All this allows to work on preparation and distribution of graduates directly with consumers.

The university has the modern level of material and technical resources providing high-quality educational services and realization of mission, purposes and tasks of a higher education institution. Annually due to modernization of fixed assets new educational audiences are put into operation. In 2005 at the expense of own means a new gym with a total area of 1087,5 sq.m. was constructed, in 2007 an administrative building with a total area of 2935,3 sq.m was put into operation, in 2012 an academic building with a total area of 561 sq.m. was constructed, in 2011 the academic building "B" was extended due to construction of the 5th floor, with a total area of 588, 4 sq.m. In 2014 the mansard superstructure of the 5th floor of the case "A", with a total area of 720,7 sq.m. was put into operation.

In the administrative building of the university there is a library. The library has rich information resources among which there is a fund of educational, methodical and scientific literature, periodicals, editions on electronic media, access to full text and bibliographic

databases. There are traditional and electronic catalogs and card files. Since 2012 the library of KEEU has access to the international full text Thomson Reuters “Web of Knowledge” resources, “Science Direct” and “Scopus” databases. Modern info-communication technologies are widely applied to successful training of specialists. There is a hi-tech information and education environment representing set of information and education resources, and also systems of training support and control in a local network of the university. The local network unites all park of the computer equipment (about 900 personal computers), there is an Internet channel realized on the basis of the fiber-optical communication line with a speed of 32 Mbps. Internet access for all students and staff of the university – free and without limit. The university annually hosts international scientific-practical conference with the participation of leading experts and scientists from higher education institutions of near and far abroad. Development of the international cooperation is kept actively. The university has signed 34 contracts on cooperation in science and education with foreign higher education institutions and organizations, including University of Applied Sciences Vayenshtefan (Germany), University of Pisa (Italy), Sapiyents’s University (Italy), the Bielefeld Higher School of Business (Germany), Moscow State Agroengineering University named after V.P. Goryachkin (Russia), Moscow State University of Economy, Statistics and Informatics (MESI) (Russia), Bashkir State Agricultural University (Bashkortostan), Azerbaijani State Agricultural University (Azerbaijan) and others.

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4 COMPLIANCE TO STANDARDS OF INSTITUTIONAL ACCREDITATION

4.1 Standard “Vision, Mission and Strategy”

The analysis of the presented information and analytical material, real positioning of the university, and also result of the held meetings with interested persons allow to draw the following conclusions.

Mission, vision and strategy of KEEU display its place in educational space of Kazakhstan, coherence with national priorities, an orientation on satisfaction of requirements of interested parties. Development of strategic documents was preceded by an analysis stage of real positioning of the university in education market, the forecast of development of the education market.

The analysis of competitive position of KEEU included an assessment of the following factors: interests of consumers, area of preferable interests, positioning of higher education institutions in the national market, current state of labor market, state regulation of educational activity, demographic, economic and social situation in the region; analysis of personnel structure, organizational cut, financial state, scientific potential, condition of material resources and security of educational process, etc. The assessment of the listed factors allowed to formulate strong and weaknesses of the university, threat and possibility of its transformation by means of a priority of innovative and enterprise approach.

All range of the university’s activity is aimed at providing realization of mission, purposes and tasks and belongs to ways of their maintenance, beginning from planning and creation of organizational structure of management before development of procedures and internal documentation of the regulating character, and also monitoring of objects and processes through various forms of control (reporting, questioning, poll, etc.). For realization of mission, purpose and tasks, and also implementation of the strategic development plan the university has necessary resources and opportunities. The university for many years has been cooperating with a republican and regional mass media, such as “Bilimdy el – educated country”, “Kostanay news”, “Kostanay-agro”, “A teacher's room plus”, “Our Kostanay”, “Our Newspaper”, district newspapers, annual publications account for more than 10.

Experts during their work established that the extent of achievement of the objects set by the university is object of the constant analysis from the management that acts as the instrument of increase of efficiency and image of the university. Management and staff of the university consistently and systematically solve the tasks set in the strategy what the results achieved by the university testify to: practice – focus of training of specialists; increase in number of the employed graduates in the specialty; improvement of credit technology of training; introduction of modular educational programs and improvement of material and information base taking into account profile preparation. Experts pay attention to the need of definition of mechanisms of formation of regular revision of mission, vision, strategy and monitoring of their realization.

Strengths:

- *the university has defined priority activities that has reflection in the strategic development plan of the university;*
- *documents of the main processes on all kinds of activity of the university are developed and introduced on the basis of the strategy of development.*

Weaknesses:

- *vision, mission of the university do not fully reflect uniqueness of the university, their coherence with priorities of development of the region;*
- *when forming mission, vision and strategy by the university the representativeness of groups of interested people is provided insufficiently.*

Recommendations:

1. To develop the mechanism of broad involvement of the interested parties (students, teachers and employers) to formation of mission, vision of university.

2. To develop more detailed approach to risk analysis of the university and development of mechanisms of their prevention.

EEC notes that by 16 criteria of this standard the university has satisfactory positions, by 2 criteria improvement is required.

4.2 Standard “Leadership and Management”

Administration of the university is exercised according to the legislation of the Republic of Kazakhstan, the Charter of the university approved by a general meeting of founders (3/27/2012) and internal normative documents. Administration system of the university is directed to realization of vision, mission and strategic objectives accepted by the Academic Council. Activity of the university and its divisions is based on planning which unites strategic, tactical and operational planning. The commission of experts notes that the management of the university has carried out the work on formation of organizational structure of the university which is optimum correlating educational and auxiliary divisions which is urged to promote ensuring effective activity and achievement of the set strategic objectives. Strict functional distribution of duties is carried out. Experts especially note existence in the university of the thought-over social policy and system of feedback of the management of the university with participants of the educational process that also promotes increase of efficiency of educational work and educational process in general. The system of monitoring of educational processes widely practices in the university. At the same time experts note an insufficient involvement into monitoring researches of all participants of educational process, except teachers and students.

Strengths:

- *accurate distribution of functional duties of employees on the basis of duty regulations;*
- *openness and availability of heads and administration for students, staff and parents;*
- *existence and effective functioning focused on the students and interested persons of system of informing and feedback.*

Weaknesses:

- *lack of deep risk analysis and definition of ways of their decrease;*
- *period of validity of the certificate of the system of quality management of the university has expired in February, 2015.*

Recommendations:

- further improvement of management mechanisms of the university activity through the system of informing about decision-making of the university of all subjects of educational process by collegial bodies, including employers and graduates;
- improvement of the system of preparation and retraining of modern managers in the sphere of science and innovations;
- acceptance of organizational measures for expansion the range of specialties of a magistracy.

EEC notes that by 2 criteria of this standard the university has strong positions, by 24 criteria – satisfactory, by 3 criteria improvement is required.

4.3 Standard “Educational Programs”

KEEU carries out educational activities for 18 specialties of a bachelor degree and 2 specialties of magistracy. The training of full-time, including application of remote educational technology is conducted at the university.

Educational activity is carried out according to “Rules of the organization of educational process on credit technology of training” and the State Compulsory Education Standards.

The faculty, partners and employers, also students take part in the development of Educational Program.

Employers are involved in an educational process at development stages of competence-

based model of the expert, definition of training results, preparation of the elective modules and disciplines necessary for development of educational programs. For this purpose various events directed to realization of this task are held in the departments and faculties. Requirements of vocational training of students are reflected in training trajectories in specialties according to elective disciplines. Employers during a meeting with experts have especially noted existence of long-term effective cooperation of departments of higher education institution with them that gives employers the chance to initiate and realize suggestions for improvement of maintenance of specific educational programs.

For the purpose of carrying out an assessment of knowledge and degree of formation of professional students' competence catalogs of the general and professional competences are made. LMCS (YMKC) include organizational and methodical documents of specialty, LMCS (YMKД) - the educational and methodical documents opening processes of planning, organization and carrying out training in a concrete discipline. Having attended classes and having studied LMCS (YMKД), for example, at the course "Descriptive Geometry and Engineering Graphics" for students of specialty 5B090100 "Organization of transportations and operation of transport" (a DB of KV) of the senior lecturer Lyakhovetskaya L.V. experts noted a rather high level of organization of educational process.

According to experts, realization of educational programs of a bachelor degree is supported with existence of the sufficient personnel resource, which is meeting the requirements of the modern higher school and having the corresponding basic education.

The university provides students with necessary bases by all types of practices. At the same time, the commission notes that existence of scientific aspect in the maintenance of educational programs and harmonization of maintenance of educational programs with educational programs of other higher education institutions isn't shown.

Strengths:

- *implementation of educational activity according to the strategy of the university;*
- *available material and personnel resources correspond to requirements of the realized educational programs;*

Weaknesses:

- *the continuity in the maintenance of educational programs at various levels isn't traced (bachelor degree - magistracy);*
- *the program of harmonization of maintenance of educational programs with similar programs of the leading foreign and Kazakhstan higher education institutions isn't developed;*
- *the position on involvement of practicians and definition of a share of the disciplines read by them is indistinctly designated.*

The commission recommends:

- to speed up the work on further improvement of plans for educational programs and providing more extensive discussion with all subjects of educational process;
- to take measures for introduction of elective disciplines in English and their methodical providing;
- to strengthen further development of cooperation with the domestic and foreign higher education institutions realizing similar educational programs.

EEC notes that by 1 (one) criterion of this standard the university has a strong position, by 16 criteria – satisfactory, by 9 criteria improvement is required.

4.4 Standard "Faculty and Teaching Efficiency»"

Realization of educational programs of training of specialists is provided with the research and educational personnel having the basic education corresponding to a profile of the taught discipline. The share of teachers with academic degrees and academic statuses from among regular teachers makes 59%. The assessment of competence of personnel is made: at employment (interview), on a planned basis (carrying out periodic certification); over and above

the plan (at changes in the organization, at emergence of new processes, at change of a position, etc.).

Replenishment of a regular teaching staff of the university is carried out by a set of young teachers, from among masters of sciences. It should be noted that the number of the masters teaching at the university increased twice in 5 years. Inflow of young teachers allowed to suspend rates of aging of collective, average age of the teaching staff makes 46 years.

For the specified period the average salary on all categories of employees of the university increased by 56% and makes 93 918 tg.

Among regular teachers in the university work: the academician of Academy of Natural Sciences – V.V. Deynega, 3 academicians of the International Academy of Informatization, 3 academicians of the International Academy of Agrarian Education, 19 corresponding members of the International Academy of Agrarian Education, 2 excellent workers of education of RK and 2 Honorary Worker of Education of Kazakhstan, 2 teachers have been awarded a title “The best teacher of higher education institution” following the results of MES RK competition.

Experts note that the qualitative structure of the university’s teaching staff conforms to standard requirements. At the same time it is necessary to notice what scientific achievements for the last period corresponds to the capacity of the university insufficiently. Planning of professional development is carried out on the basis of individual plans of teachers, and the general plan of actions of department, university in the field of professional development of faculty, including a professional education. The university showed an observance of the principle of availability of the management and transparency of all personnel procedures.

The system of stimulation of professional and personal development of teachers and employees of KEEU is presented by mechanisms of financial and non-financial stimulation. At the same time it should be noted that the system of professional development of the teaching staff and ensuring compliance to qualification requirements, level and specifics of an educational program undergoes certain changes. In particular, mechanism of stimulation of professional growth of the teaching staff and employees. At the same time experts note that the mechanism of the edition of the educational and methodical materials prepared by the university’s teaching staff is insufficiently developed and also the system of professional development of young teachers is insufficiently developed.

Strengths:

- *availability to the public of the teaching staff’s data and their placement on the website of the university;*
- *ensuring completeness and adequacy of individual scheduling of the teaching staff, on all kinds of activity;*
- *active participation of the teaching staff in public life of the city and area.*

Weaknesses:

- *insufficiently high activity of participation of the teaching staff in competitions on implementation of the grant scientific projects financed by MES RK and other funds;*
- *low level of development of the academic mobility of the teaching staff and involvement of foreign, domestic teachers.*

Recommendations:

- *to strengthen the work in ensuring internal and external academic mobility of the university teaching staff;*
- *to increase the work on adaptation, professional development and language skills of young teachers, including passing of training in foreign establishments;*
- *to provide a possibility of taking measures to improvement of quality indicators of the Rating of teachers and transparency of summing up.*

EEC notes that by 5 criteria of this standard the higher education institution has strong positions, by 13 criteria – satisfactory, by 3 criteria improvement is required.

4.5 Standard “Students”

The policy of formation of the students’ contingent consists of involvement of the persons who are most prepared for training in a higher education institution, who consciously choose a specialty. The students’ contingent in the current year makes 2112, on full-time courses – 693 of students and on half-time courses – 1419.

For the coordination of professional orientation work, acceptance documents entering to the university and procedures of transfer in structure of students the selection committee is organized in the university. On official site of KEEU there is an Entrant page (<http://abi.kineu.kz>) where it is possible to obtain information on rules of entering the university, the list of specialties of the university, privileges for students, an order of documents acceptance and to ask all interesting questions to representatives of a selection committee.

Educational process at the university is regulated by the internal standard and methodical documents developed on the basis of MES RK’s requirements.

The organization of practice at the university is carried out according to the academic calendars of specialties on the basis of basic and individual contracts, letters of inquiries, petitions from places of practical training. Bases of educational and production practice are the educational institution, educational workshops, laboratories and the organizations corresponding to a profile of the trained specialty (or the related organizations). The university signs long-term contracts with bases of practice.

The consistent social policy allows the university to practice flexible hours of payment for training, granting privileges to socially unprotected students (to orphans and persons with limited physical capacities, to excellent students), rendering measures of social support.

The important elements of the research work of the student are participation of students in the Olympic Games, competitions of scientific works, conferences on different levels: university, regional, republican. Annually the international scientific and practical conference in which students and undergraduates take part is held in the university.

Experts note that a certain work on development of the academic mobility of students is conducted at the university. So in 2012-2013 academic year contracts on the academic mobility of undergraduates and students have been signed with such higher education institutions as: The Russian State Agricultural University named after K. A. Timiryazev (Moscow), the Moscow State Agroengineering University named after V.P. Goryachkin, the Ural Institute Of Stock Market (Yekaterinburg), the Kazakh Technical Academy (Astana), Taraz Technical Institute, Humanities University of Transport and Right named after D.A.Kunayeva (Almaty), Humanitarian and Technical Academy (Kokshetau), the Kazan Cooperative Institute.

For more professional guidance and acquaintance of the student to the future profession discussions with involvement of experts from production are led (AutodeskInventor, AutodeskAutoCAD, strength calculations in the programs AutodeskInventor, APM Winmachine, modeling of technological processes of turning and milling processing in the programs AutodeskInventor CAM, Siemens SinumericShopTurn).

The university involve social partners for rendering financial support of various category of the grants, which are trained by allocation on education practices. Those are: Temirzholstroyproyekt LLP, Farmation-Neo LLP, JSC Narodny bank of Kazakhstan, Kostanay, GKP KTEK, etc. So in 2014-2015 academic year by request of the enterprises and the organizations 26 students are trained and 9 students are trained on the rector's grant.

Strengths:

- *providing high percent of employment of graduates and support of communication with them;*

- *regular updating of material and technical resources of the university.*

Weaknesses:

- *lack of the mechanism of professional certification of students in the course of training;*

- *low activity of the research works of students;*

- insufficiently high level of external academic mobility of students, which is most often connected with a weak knowledge of foreign languages.

Recommendations:

- to speed up the work on strengthening of participation of students in research activity and implementation of scientific projects;

- to provide a possibility of carrying out professional certification of students;

- to strengthen the work on expansion of geography of higher education institutions of external and internal academic mobility of students;

- to develop the program of participation in competitions of socially important projects of the government bodies aimed at the development of scientific technical potential of students and young scientists (for example: projects of Departments of youth policy, MES RK, grants of the mayor of the region (oblast akim), etc.);

- together with the enterprises to develop the concept and to realize the long-term project directed to support and development of scientific and technical potential of students.

EEC notes that by 3 criteria of this standard the university has strong positions, by 7 criteria – satisfactory, by 3 criteria improvement is required.

4.6 Standard “Research Activities”

Research work of the Kostanay Engineering and Economic University named after M. Dulatov covers fields of activity in which teachers, undergraduates and students are involved. The topic of scientific researches is registered in the National Center of Scientific and Technical Information (NTs NTI). In general, scientific work of the teaching staff is directed to rendering the scientific and methodical help to economic entities of all forms of ownership and professional development of the teaching staff and level of teaching of the defined disciplines. The primary scientific activity of the collective consists of carrying out a basic and applied researches, introduction of results of research works in practice, realization of the right for objects of intellectual property. On the basis of the university undergraduates and applicants perform their dissertation works. On the basis of carrying out research works future experts, perspective in the field of economic and technical disciplines come to light. Research work of the university includes participation in development and implementation of the state, regional programs, innovative and educational projects on a profile of activity of the university (Table 2).

Table 2 - Indicators of the research work of KEEU

№	Indicators	unit of measure	2012	2013	2014
1	Number of themes that carried out by the university	quantity	4	2	10
3	Full amount of financing of research work, in total including: - state budget: - economic contract:	thousand tenge	13761,0 12360,3 1400,7	9120,0 8970,0 150,	12305 10764 850
4	Amount of financing of research work per one regular teaching staff member:	thousand tenge	98,3	54,0	86,6
5	Extent of participation in research work: - teaching staff	quantity /%	140/96,2	169/98	158/70

The main aspect of creation of conditions for the organization and carrying out scientific researches at the university are the laboratories equipped with modern material technical base,

for example “Resistance of Materials” and “Heat supply and energy saving technologies” laboratories and also students’ scientific societies.

In 2013 the teaching staff of the university published 126 articles, including 15 normative documents published by experts “TK-44 Tekhnolog”. Following the results of 2014 - 127 articles are issued. Among the published articles are foreign articles, theses, reports published in collections of different international conferences. On materials of scientific and practical conferences, carried out by the university two-volume collections of works in the form of special issue of the “Nauka” magazine are published.

Important factor of scientific work is carrying out of research programs, joint with foreign higher education institutions. When carrying out joint research works the faculty of the university carries out roles of heads, reviewers, collaborators, foreign scientists are attracted in the form of collaborators. Since 2010 during realization of international Tempus-project 511347 – TEMPUS-1-2010-1-DE-TEMPUS-JPSR - “Development and Deployment of the Training Program Power Management on the basis of Distance Learning in Higher Education Institutions of Kazakhstan and Turkmenistan” together with some representatives of the European states (Germany, Austria, Lithuania) the new training program “Power Management” was introduced. According to this program 19 students were trained, teachers improved the skills and received certificates of the European sample in the countries (Germany, Austria, Lithuania). In 2012 with assistance of the European Bank for Reconstruction and Development (EBRD) within the BAS (Business Advisory Service Programme) program of “Energy Partner” LLP at the university the project “Development and deployment of energy saving technologies” has been carried out. Training of teachers and staff of the university was provided and 7 certificates were received.

Results of the meetings and surveys show that sufficient attention is paid to research work in the university, the scientific researches conducted in the university promote the realization of mission and strategy.

Strengths:

- *existence of adequate material and technical conditions for carrying out research works.*

Weaknesses:

- *low level of participation of the faculty (teaching staff) in a competition of the scientific projects financed by MES RK, various funds and the international organizations;*

- *insufficiently high printing activity of the faculty (teaching staff) in magazines with a nonzero impact-factor;*

- *the lack of the mechanism of support and assessment of inventions, carrying out interdisciplinary scientific researches.*

Recommendations

- to intensify participation of the faculty (teaching staff) in competition of the scientific projects financed by MES RK, various funds and international organizations;

- to provide measures for strengthening of printing activity of the faculty (teaching staff) in magazines with a nonzero impact-factor and introduction of a system of motivation for their publication;

- to strengthen the work on promotion of the textbooks and manuals prepared by the university teaching staff for receiving a signature stamp of MES RK, MES RK’s RUMS.

EEC notes that by 10 criteria of this standard the higher education institution has satisfactory positions, by 6 criteria improvement is required

4.7 Standard “Finances”

The main objective of financial and economic activity of the university is ensuring financing of educational process taking into account modern requirements to its development. The most important principle of the organization of management of finance is orientation to realization of strategic objectives and problems of further development of the university. The university carries out routine planning and distribution of financial resources, based on mission

of the university according to the principles, purposes, tasks and a format of the Strategic development plan for higher education institution for 2014-2020.

The main indicators of sustainable financial development of the university: growth of the income from the primary educational activity - 10% - 12%, from additional educational activity - 13-14%, from participation in the international educational projects and rendering consulting services - 7-12%.

The revenues of the budget of the university are planned proceeding from the contingent of students and undergraduates, taking into account the expected release and the planned reception for a new academic year. The average cost of training at the university makes 365,02 thousand tg, the highest price of training has developed in the Education direction (443,3 thousand tg), the smallest cost of training in specialties of the Services and Social Sciences and Business direction (342,9 thousand tg). The income of the university from the main paid educational services made from 87 to 94% of all income for the current period. For the reporting period the cumulative income in an absolute value increased for 319691 thousand tg or by 1,6 times.

Increase in own capital of the university is observed. The gain of own capital in 2013 in relation to 2011 has made 12%. The size of authorized capital for the last four years hasn't changed.

Experts note that at the university measures for material support of students are taken, funds for updating, expansion of material and technical resources of the university are allocated.

Strengths:

- *existence of the effective mechanism of financial reporting;*
- *creation of conditions for positioning as an enterprise university.*

Weaknesses:

- *insufficient financing of research activity of the teaching staff and students;*
- *uneven distribution of the financial means allocated for research work.*

Recommendations:

- to provide a possibility of increase in a share of the means aimed at the further development of research activity;
- to provide a possibility of increase of a financial autonomy of structural divisions of the university.

EEC notes that by 1 (one) criterion of this standard the higher education institution has a strong position, by 8 criteria – satisfactory, by 1 (one) criterion improvement is required.

4.8 Standard “Material-Technical and Information Resources”

The university has modern material, library and information base corresponding to realization of Mission, purpose and tasks of the university and also to requirements of sanitary standards and fire safety.

Material resources of KEEU include 10 objects, the total area of the territory makes 10464 sq.m. The university has 2 educational and laboratory buildings, with a total area of 1377 sq.m, has sufficient classroom fund (79 educational audiences). For the organization of educational process the educational audience and lecture halls, all structural divisions of the university are equipped with modern appliances. 19 computer classes are involved in educational process, 6 of which are located in an information-communication centers of the cities: Rudny, Arkalyk, Karabalyk, Uzunkol, Sarykol. There is a dormitory, with a total area of 1821,5 sq.m on 150 beds in which there is a sports ground of open type the total area of 954,5 sq.m functions. There is a youth cafe, with a total area of 275,6 sq.m., on 100 seats. Medical care of employees and students is provided with a health center which is located in the building of sport center of KEEU. In all cases of the university there is a wireless Wi-fi network.

Important source of updating of information resource of the library are electronic catalogs and databases. The volume of the electronic catalog on 6/1/2015 makes more than 45 thousand

bibliographic records. For convenience of users, in the Electronic Hall of the library on CDs disks the base of intra high school editions is collected. For automation of management of educational process and realization of remote educational technologies AIS “PLATONUS” and an educational portal of own development is used. Rather high informative fullness of the website of the university, active functioning of the blog of the rector should be noted.

Strengths:

- free access to educational Internet resources, functioning of free Wi-Fi in all territory of the university;

- existence of the program of development of laboratories.

Weaknesses:

- insufficient quantity of modern educational and methodical literature in a state language, electronic and multimedia courses in the separate directions of preparation.

Recommendations:

- to increase methodical providing of separate educational programs with literature in a state language.

EEC notes that by 11 criteria of this standard the higher education institution has strong positions, by 16 criteria – satisfactory, by 2 criteria improvement is required.

Independent Agency for
Accreditation and Rating

5 RECOMMENDATIONS TO KOSTANAY ENGINEERING ECONOMIC UNIVERSITY NAMED AFTER MYRZHAKYP DULATOV

- to develop the mechanism of broad involvement of the interested parties (students, teachers and employers) to formation of mission, vision of the university;
- to develop more detailed approach to risk analysis of the university and development of mechanisms of their prevention;
- further improvement of management mechanisms of the university activity through systems of informing about decisions of collegial bodies of all subjects of educational process, including employers and graduates;
- improvement of the system of preparation and retraining of modern managers in the sphere of science and innovations;
- acceptance of organizational measures for expansion amount of specialties in a magistracy;
- to take measures for introduction of elective disciplines in educational programs in English and their methodical providing;
- to speed up the work on further improvement of development plans for educational programs and providing more extensive discussion with all subjects of educational process;
- to strengthen further development of cooperation with the domestic and foreign higher education institutions realizing similar educational programs;
- to strengthen the work in ensuring internal and external academic mobility of the university teaching staff;
- to increase the work on adaptation, professional development and language skills of young teachers, including passing of training in foreign establishments;
- to provide a possibility of taking measures to improvement of quality indicators of the Rating of teachers and transparency of summing up;
- to speed up the work on strengthening of participation of students in research activity and implementation of scientific projects;
- to provide a possibility of carrying out professional certification of students;
- to strengthen the work on expansion of geography of higher education institutions of external and internal academic mobility of students;
- to develop the program of participation in competitions of socially important projects of the government bodies aimed at the development of scientific technical potential of students and young scientists (for example: projects of Department of youth policy, MES RK, grants of the mayor of the region (oblast akim), regional enterprises, etc.);
- together with the enterprises to develop the concept and to realize the long-term project directed to support and development of scientific and technical potential of students;
- to intensify participation of the teaching staff in a competition of the scientific projects financed by MES RK, various funds and the international organizations;
- to provide measures for strengthening of printing activity of the teaching staff in magazines with a nonzero impact-factor, developments and to introduction of system of motivation for their publication;
- to strengthen the work on promotion of the textbooks and manuals prepared by the university teaching staff for receiving a signature stamp of MES RK, MES RK's RUMS;
- to provide a possibility of increase in a share of the means aimed at the further development of research activity;
- to increase methodical providing of separate educational programs with literature in a state language.

6 RECOMMENDATION TO ACCREDITATION COUNCIL

Members of the external expert commission came to unanimous opinion that the Kostanay Engineering and Economic University named after M. Dulatov can be accredited for a period of 3 years within institutional accreditation.

Chairman: _____ Vladimir Kosov
(signature)

Members of the commission:

_____ Petr Hajek
(signature)

_____ Gulnara Turtkarayeva
(signature)

_____ Sheripidin Hamrayev
(signature)

_____ Nurbolat Sembayev
(signature)

_____ Saule Aldabergenova
(signature)

_____ Abdullah Akhmedyanov
(signature)

_____ Lyudmila Olkinyan
(signature)

_____ Symbat Abilnasirova
(signature)

_____ Timur Kanapyanov
(signature)

Independent Agency for
Accreditation and Rating

Parameters of Institutional Profile
(EEC assessment according to IAAR Institutional Standards)

No.	Criteria of assessment	The position of the organization of education			
		Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard 1. VISION, MISSION AND STRATEGY					
1	The HEI demonstrates development of the mission, vision and strategy based on an analysis of the real positioning of the university and its focus on satisfaction of the needs of government, stakeholders and students.		+		
2	The HEI should demonstrate the individuality and uniqueness of the mission and strategy, their consistency with national development priorities.		+		
3	The HEI should ensure adequacy of mission, vision, strategy in relation to available resources (including financial, information, personnel structure, the material and technical base), to the market needs and educational policy of the Republic of Kazakhstan.		+		
4	The HEI should attract the representatives of stakeholder groups, including students, academics and employers to the formation of the mission, vision, strategy.		+		
5	The HEI demonstrates the transparency of the processes of formation of the mission, vision, strategy. The HEI provides the awareness of stakeholders on the content of the mission and strategy and processes of their formation.		+		
6	The HEI should determine mechanisms of formation and regular review of the mission, vision, strategy, and monitoring of their implementation.			+	
7	Vision, mission and strategy must be consistent with each other		+		
8	The HEI carries out processes of strategic, tactical and operational planning and resource allocation in line with the vision and mission.		+		

9	The HEI should regularly collect, store and analyze information about their activities and conduct self-evaluation in all directions, based on the elaboration and implementation the processes of measurement and the analysis for assessing the success of realization of HEI's strategy through such indicators as "productivity" and "efficiency", develop and reconsider the vision, mission and strategy.		+		
10	On the basis of strategy the HEI elaborates specifying documents on separate spheres of activity and processes (including: politicians, codes, realization plans, plans on activities, provisions, procedures, etc.).		+		
11	The vision, mission and strategy undergo public discussion with representatives of all interested parties, on the basis of proposals and amendments to the project made by the Academic Council of the HEI or other authorized collegial body of the HEI.		+		
12	An important factor is to ensure the representativeness of stakeholder group delegates.		+		
	HEI's strategy consists of:		+		
13	the evaluation of HEI's uniqueness in meeting the needs of stakeholders and market niches;		+		
14	the perspective analysis of the market development of educational services;		+		
15	the priorities of the HEI;		+		
16	the analysis of a condition of HEI and success in implementing the strategy;			+	
17	the risk analysis and mechanisms of their prevention;		+		
18	the analysis of available resources and their sufficiency for realization of goals set.				
	Total	0	16	2	0
	Standard 2. «LEADERSHIP AND MANAGEMENT».				
	HEI Management is expected to include:				
19	the activity management through processes;		+		
20	the mechanisms of planning, development and continuous improvement;		+		
21	the risk assessment and identification the ways to reduce these risks;			+	
22	monitoring, including creation of reporting processes, which allows to determine the dynamics in the activities and the implementation of plans;		+		
23	the analysis of the revealed discrepancies, the implementation of the corrective and preventive actions;		+		
24	the analysis of the effectiveness of change;		+		

25	the assessment of productivity and efficiency of activity of divisions and their interaction.		+		
26	The HEI should ensure that the organizational, functional and staff structure of the HEI are in compliance with the HEI's development strategy.		+		
27	The HEI should demonstrate the existence of the principles of formation of organizational and functional structure.		+		
28	The HEI should ensure the existence of documents on organizational structure and HEI management.		+		
29	In HEI all major business processes should be documented.		+		
30	The HEI should demonstrate an accurate designation of those responsible for business processes, a clear allocation of staff duties, and delimitation of responsibilities of collegial bodies.		+		
31	The HEI should ensure the existence and effective operation of the system of informing and feedback focused on students, employees and stakeholders.		+		
32	The HEI should demonstrate the existence of mechanism of communication with students, staff and other stakeholders, including the presence of deadlines for processing complaints, appeals and inquiries.		+		
33	The HEI should establish the frequency, forms and methods of evaluation of the activities of the collegial bodies and structural units, and top management.		+		
34	An important factor is the cooperation with other HEIs and an exchange of experience.			+	
35	The HEI must make decisions that are justified and based on the facts.		+		
36	The HEI should provide the management of the educational process through the governance of separate educational programs, including an assessment of their effectiveness, not just subdivisions.		+		
37	The HEI should demonstrate the successful operation of internal quality assurance system within HEI, which includes designing, management and monitoring of business processes, their improvement, making decisions based on facts.		+		
38	An important factor is the presence of a certified quality management system and its continuous improvement.			+	
39	An important factor is the existence of information systems and databases, using the Internet for informing, the presence of portal and/or Internet site containing information reflecting the planning processes and the evaluation results of its effectiveness for students, staff and the public.		+		
40	The HEI should provide evidence of transparency in HEI management system.		+		

41	An important factor is the participation of representatives of interested parties (employers, faculty, and students) in the collective management bodies.		+		
42	The HEI should demonstrate the presence and evidence of an intensive use in the processes of management the system for collection and analysis of statistics of HEI on the contingent of students and alumni, on resources, personnel, research and international activities and other areas.		+		
43	An important factor is the HEI management based on research results of changes in internal and external environment.		+		
44	The HEI should demonstrate mechanisms for resolving conflicts of interest and relationships, by means of the information availability on compliance/violations and the presence of a feedback system, consideration in the management, efficient operation of the disciplinary bodies and the motivational system.		+		
45	The HEI should provide a measurement of the degree of satisfaction with the needs of faculty, staff and students and to demonstrate evidence of removing shortcomings found in the measurement process.		+		
46	The HEI should demonstrate an evidence of openness and accessibility of management and administration for students, teaching staff, parents (blogs on the website of the educational organization, the official reception hours on personal matters, e-mail communications, etc.).	+			
47	The HEI should demonstrate the existence of communication channel by which any interested person can give innovative proposals on the improvement of the HEI's activity to the university management and the governing bodies. The institution should demonstrate examples of the analysis of these proposals and the implementation of such proposals in the life of the HEI.	+			
	Total	2	24	3	0
	Standard 3. EDUCATIONAL PROGRAMS				
48	The HEI should provide evidence of the participation of teaching staff and employers in the development and management of academic educational programs, ensuring their quality.		+		
49	The HEI should determine the content, scope, logic of constructing individual educational trajectory of students, the influence of disciplines and professional practices on formation of professional competence of graduates.		+		

50	The HEI should demonstrate a continuity of content of educational programs at different levels (bachelor's, master's, doctorate degrees, additional education), including the logic of academic interdependence of disciplines, sequence and continuity.			+	
51	The HEI should demonstrate the influence of discipline on the formation of students' professional competence, skills and knowledge blocks designated in teaching and methodical complexes of disciplines, a clear definition of the logical sequence of discipline courses and reflection in the work study program of basic requirements for learning outcomes.		+		
52	The HEI should demonstrate the logic and reasons for drafting of curriculum and teaching programs, in particular the reasons for including a particular discipline to the curriculum list, the reasons for assigning the status of post-or prerequisite, matching the names and content of the courses to the topical areas of study of science/ society and etc.		+		
53	The HEI should ensure that the content of academic disciplines is congruent with study level (bachelor's, master's, doctorate degrees) and offered learning outcomes.			+	
54	The list and content of disciplines should be available for students. Disciplines should contain the most relevant results of research and other information of the teaching field. Disciplines should comprehensively cover all the issues, problems existing on the agenda of teaching field.			+	
55	An important factor is a harmonization of content of educational programs with educational programs of the leading foreign and Kazakh HEIs.			+	
56	In structure of the educational program should be envisaged different activities, the content of which should contribute to the development of students' professional competences taking into account their personal features.		+		
57	The HEI must provide equal opportunities for students, regardless of the language of instruction on the formation of an individual educational program aimed at developing professional competence.	+			
58	An important factor is updateability of educational programs, taking into account the interests of employers during the elaboration of educational programs designed to develop professional skills.		+		
59	The HEI must provide an annual revision of the content of curriculum and teaching programs, taking into account changes of the market, the wishes of students and teachers and with the involvement in decision-making representatives of employers, students, teachers and stakeholders.		+		

60	Teaching equipment and software used to master educational programs should be similarly used in the relevant sectors and meet the requirements of operational safety.		+		
61	The HEI should demonstrate the effectiveness of regular analysis of sufficiency and modernity of the resources of available educational programs - classrooms, laboratories, computer hardware and software, financial resources, access to international databases of scientific research results, the system of professional practice and employment, textbooks and materials, etc.		+		
62	In order to implement educational programs the HEI should attract practitioners and identify the proportion of disciplines read by them.			+	
63	The HEI should show the logic of their involvement in the carrying out courses.			+	
64	The HEI must provide an objective assessment of knowledge and degree of development of students' professional competence, transparency and adequacy of tools and evaluation mechanisms.		+		
65	The HEI must provide a mechanism for internal quality assessment and expertise of educational programs, as well as feedback for their improvement.		+		
66	The HEI should provide accessibility to the maximum possible number of students a structured, organized information on the disciplines read – presentation materials, lecture notes, mandatory and additional literature, practical assignments, etc.		+		
67	During implementation of the educational program monitoring of a student's independent work should be carried out and mechanisms of an adequate assessment of its results are created.		+		
68	An important factor is the implementation and the effectiveness of active learning and innovative teaching methods		+		
69	An important factor is to have the possibility for continuing education in postgraduate and additional educational programs.			+	
70	An important factor is the existence of joint educational programs with foreign HEIs and attracting Kazakh scientific research organizations to educational process.			+	

71	An important factor is the mobility of students and faculty members (the ability to study within a certain time in other domestic and foreign HEIs, academic exchanges of teaching staff) and existence of a mechanism for the recognition of the results of academic mobility of students.			+	
72	The HEI should ensure the existence and effective operation of the mechanism of objective, accurate and comprehensive assessment of the knowledge, skills and qualities acquired by students in the process of studying the course, as well as collective mechanism of the appeal and professional assessment appeal.		+		
73	The HEI should ensure the existence and effective functioning of the individual support system and consulting of students on the educational process.		+		
	Total	1	16	9	0
	Standard 4. «FACULTY AND TEACHING EFFICIENCY»				
74	The HEI should provide academic staff's compliance with the qualification requirements, the level and specificity of the educational program.		+		
75	The HEI should demonstrate compliance of human resource capacity of faculty to strategy and specificity of educational programs.		+		
76	The HEI should demonstrate a personnel selection based on the analysis of the needs of educational programs, the existence of recruitment system.		+		
77	The HEI should demonstrate availability of information to the public on teaching staff, including faculty's directories, placing profiles on the HEI's web-site.		+		
78	The HEI should demonstrate compliance with the principle of leadership accessibility and transparency of all personnel procedures	+			
79	The HEI should provide monitoring of faculty's activity, a systematic assessment of the professor's competence, a complex assessment of the quality of teaching.		+		
80	The workload of teachers should include educational, methodical, scientific work (including the preparation of projects and applications), the organizational and methodological (including the participation and organization of various events), improvement of a professional competence (qualification enhancing, including personal development and study of literature on the specialty), the activities in a professional environment (for example, participation in professional associations and consulting).	+			
81	The HEI should demonstrate evidence of performance of all types of planned assignment by the teachers.	+			

82	The HEI should provide the entirety and adequacy of the academic staff's individual work planning for all kinds of activity, monitoring of productivity and efficiency of individual plans.	+			
83	The HEI should demonstrate the existence of system of qualification enhancing, professional and personal development of teaching and administrative staff.		+		
84	The HEI should provide purposeful actions on the development of young teachers		+		
85	The HEI should provide top management training (rector, counselors, vicerectors, deans, heads of structural units) according to the program of educational management.	+			
86	The HEI should provide a system of incentives for professional and personal development of faculty and staff.		+		
87	The HEI must ensure monitoring of faculty's satisfaction.		+		
88	The HEI must demonstrate the involvement of faculty into practical activities in the field of specialization on permanent basis.		+		
89	The HEI must demonstrate IT competency of faculty members, application of innovative methods and forms of education.		+		
90	An important factor is involvement of experienced experts for teaching at the HEI in the relevant branch.		+		
91	An important factor is the development of academic mobility, attracting the best foreign and domestic teachers, conducting joint research.			+	
92	An important factor is the existence of double diploma programs, active application of information and communication technologies in educational process (on-line, e-portfolio, etc.).			+	
93	An important factor is the attraction of the well-known scientists, public and political figures, and honored workers to the education process.			+	
94	An important factor is the participation of teaching staff in the life of society (the role of faculty in the education system, in development of science, region, creating the cultural environment, participation in exhibitions, art competitions, charity programs, etc.).		+		
	Total	5	13	3	0
	Standard 5. STUDENTS				
95	The HEI should demonstrate a policy of forming of students' contingent and the transparency of its procedures.		+		

96	The HEI should ensure the representation of students in collegial governing body of the HEI.		+		
97	The university should provide students the opportunity of practice in the specialty and monitor satisfaction with students, business leaders - a practice and employers.		+		
98	An important factor is to have the possibility of professional certification of students in the learning process.			+	
99	An important factor is to attract students to scientific research.			+	
100	An important factor is the possibility of external and internal mobility for students.			+	
101	An important factor is existence of support programs for gifted students.		+		
102	The HEI should make maximum efforts to ensure employment for graduates and maintain communication with alumni and create an alumni community.	+			
103	An important factor is to monitor the employment and professional activities of graduates.		+		
104	The HEI should provide an opportunity for students to have extracurricular pastime.	+			
105	The HEI should provide an opportunity for students to communicate with each other – for example, via the Internet forum.	+			
106	The HEI should establish a mechanism for monitoring of students' satisfaction with their HEI activity in general and the individual services in particular		+		
107	The HEI should demonstrate the functioning of the feedback system, including operative reporting of assessment results of students' knowledge.		+		
	Total	3	7	3	0
	Standard 6. «RESEARCH ACTIVITIES»				
108	The HEI should demonstrate compliance of the priorities of the research work to national policies in the sphere of education, science and innovation development.		+		
109	The HEI should create conditions for the development of research teams, research laboratories, academic schools and workshops, involving students in research activities; ensuring the participation of teaching staff and students in academic conferences and competitions, employing leading scholars and practitioners.		+		

110	The HEI should create conditions for the development of scientific potential of young scientists and students.		+		
111	An important factor is the use of various forms of financing research activities – assets of various research funds, assets of the founders, assets of economic entities, assets of local budgets, assets of economic agreements, and international research grants.			+	
112	The HEI should encourage scientific research activities, using various forms of motivation.			+	
113	An important factor is to conduct joint research programs with foreign HEIs.			+	
114	The HEI should ensure the implementation of research findings in the educational process.		+		
115	An important factor is the participation of HEI in international, national and regional professional alliances, associations, etc., as well as in their activities.		+		
116	The HEI should make available the results of research work, as well as collection, analysis and application of data about performed and ongoing research activities in the process of improvement of research activities.			+	
117	An important factor is the implementation of innovative activities of educational organization and its monitoring.		+		
118	The HEI should demonstrate the development and implementation of innovative proposals and the results of scientific research.		+		
119	The HEI should provide mechanisms for the evaluation of research.			+	
120	The HEI should provide the research process with all necessary resources, in the first place, with literature and information required for the development of research methodology tools.		+		
121	The HEI should provide compliance of research activity to mission and strategy of the HEI.		+		
122	The HEI should ensure the actuality of research themes, and their compliance with the latest developments and important issues in the international market and the global community.		+		
123	The HEI must provide the evidence of active support for the development and implementation of interdisciplinary research.			+	
	Total	0	10	6	0

Standard 7. FINANCES					
124	The HEI should demonstrate coherence of the development strategy and management of financial flows at the HEI.		+		
125	The HEI should demonstrate the planning of the HEI budget, the existence of short and medium term plans based on design approach.		+		
126	The HEI should demonstrate existence of formalized policy of financial management: report on cash flow, report on changes in own capital.		+		
127	The HEI should demonstrate existence of the system of internal audit and the results of conducting regular external, independent audit.		+		
128	The HEI should bring the evidence on financial stability and viability of the HEI.		+		
129	The HEI has to form alternative scenarios of development based on the annual risk assessment.		+		
130	The HEI should have a mechanism for assessing the adequacy of financial support of various activities of the HEI, including development strategy of the HEI, the development of educational programs, research projects.		+		
131	The HEI shall ensure the transparency of budget allocation and its effectiveness.		+		
132	The HEI should have an effective mechanism for financial reporting.	+			
133	An important factor is the existence of units and project teams of the HEI's own funds and rights to dispose of them.			+	
	Total	1	8	1	0
Standard 8. «MATERIAL-TECHNICAL AND INFORMATION RESOURCES»					
134	The HEI should demonstrate HEI's infrastructure compliance with the specifics of its activities, including educational programs, distance learning and research. Classrooms, offices, laboratories, communication and computer equipments and other facilities must meet high requirements.		+		
135	The HEI should assess the development dynamics of material-technical resources and information support, efficiency of use of assessment results for adjustment in planning and budget allocation.	+			
136	The HEI should ensure the existence of indicators of the goals and objectives, which allows assessing the prospects of implementation and use of information and communication technologies.		+		

	In the HEI should be established learning environment, which includes:				
137	technological support for students and faculty in accordance with the programs (such as online learning, simulations in the classroom) and the intellectual demands (databases, data analysis programs);		+		
138	academic accessibility – students have access to personalized interactive resources (also available outside the classroom), learning materials and assignments, and as well as the possibility of experimental self-evaluation of students’ knowledge through remote access to the HEI portal (website) is provided;	+			
139	academic advising – have personalized interactive resources to help students plan and implement academic programs;	+			
140	professional orientation – students have access to personalized interactive resources that provide assistance in choosing and achieving career paths;		+		
141	required number of classrooms equipped with modern technical means of teaching: educational and research laboratories, modern teaching and training grounds, parks equipped with modern facility that is in correspondence with the educational programs implemented, the sanitary and epidemiological norms and requirements;	+			
142	required number of computer classes, reading rooms, multimedia, language and science classrooms, the number of seats in them;			+	
143	book fund, including fund of educational, methodical and scientific literature on general education, basic and major disciplines in print and electronic form, periodicals in the context of learning language;			+	
144	scientific databases, electronic journals and their availability;		+		
145	availability of electronic versions of published journals;	+			
146	examination of the research results, final papers, dissertations on plagiarism;		+		
147	free access to educational Internet resources, the functioning of free Wi-Fi throughout the HEI.	+			

148	The HEI should ensure the existence of academic support for students, including giving students the information, reference and teaching materials needed for the learning of educational programs (guide, academic calendar, manual and etc.).		+		
149	Educational materials, software tools, educational literature and additional resources, and equipment should be available to all students.		+		
150	An important factor is the support of the educational program with information and communication technologies.	+			
151	The HEI should demonstrate existence of the laboratory development programs.	+			
152	An important factor is the existence in the HEI of a unified automated information system and its effectiveness.		+		
153	The HEI should determine the degree of implementation of information technology in the learning process, monitor the use and development of innovative technologies by teaching staff, including ICT-based.		+		
	The HEI should demonstrate the presence of a web resource that reflects the mission, goals and objectives of the HEI, the efficiency of its use for improvement of the educational organization's activity, which has the following characteristics:				
154	the presence of personal pages of teaching staff on the portal of the HEI;	+			
155	the presence of adequate and objective information about the teaching staff in the HEI's portal (website);	+			
156	the transparency of information on administration of complaints, including the placement of virtual complaint book for consumers on the HEI's portal (website);		+		
157	the allocation on the HEI's portal (website) complete objective information on the activities of the HEI;	+			
158	the allocation on the HEI's portal (website) external publications (citations, references,) on the implementation of the mission, goals and objectives;		+		
159	the use of information networks to inform the public and stakeholders.		+		
160	An important factor is to comply with copyright when placing teaching and methodological support in the public domain;		+		

161	Questions of the effectiveness and appropriateness of ICT use are considered at meetings of the Scientific Council of the HEI and other collegial bodies.		+		
162	An important factor is the creation of conditions for the mastery and use of information and communication technologies by the staff, teaching staff and students in the education process and activities of the HEI.		+		
	Total	11	16	2	0
	Total (162)	23	110	29	0

Independent Agency for
Accreditation and Rating