



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on the results of the external expert commission work
for evaluation on compliance with the requirements to the standards
of specialized accreditation of educational programs
«Mathematics», «Physics», «Computer science»
of Arkalyk State Pedagogical Institute named after Y. Altynsarin
from “7” to “10” February 2018.**

Arkalyk

“10” February, 2018

INDEPENDENT AGENCY OF ACCREDITATION AND RATING
External expert commission

*Addressed to
Accreditation
Council of the IAAR*



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(I) LIST OF SYMBOLS AND ABBREVIATIONS

MES RK-Ministry of Education and Science of the Republic of Kazakhstan

IAAR - Independent Accreditation and Agency Rating

- external expert commission

SSE-State Standard of Education

ArkSPI - Arkalyk State Pedagogical Institute Altynsarin

MOP - a modular educational program

MC- modular curriculum

EP - educational program

CED - catalog of elective disciplines

PTS-Profeso-teaching staff

ILC - Information and Library Complex

SS-Secondary school

SRW - Science-research work

EMCD-Educational-methodical complex of discipline

EEMCD - electronic educational and methodical complex of discipline

IKAQAE - Independent Kazakhstan Agency for Quality Assurance in Education

CIS - Commonwealth of Independent States



(II) INTRODUCTION

In accordance with Order No. 6-18-Od dated January 23, 2013, of the Independent Accreditation and Rating Agency, from 07 to 10 February 2018, an external expert commission assessed the conformity of educational programs 5B010900 Mathematics, 5B011000 Physics, 5B011100 Computer Science of the Arkalyk State Pedagogical Institute I. Altynsarin to the standards of specialized accreditation of the IAAR (from "24" February 2017 No. 10-17-OD).

The report of the external expert commission () contains an assessment of the submitted educational programs to the criteria of the IAAR, recommendations of the for further improvement of educational programs and profile parameters of the educational programs of the Arkalyk State Pedagogical Institute named after I. Altynsarin.

The composition of the :

1. **Chairman of the Commission** - Marina A. Skiba, Candidate of Pedagogical Sciences, Associate Professor, Chairman of the Expert Council of the IAAR, Advisor to the Rector of the University Narhoz (Almaty);

2. **Foreign expert** - Gorylev Alexander Ivanovich, candidate of law, associate professor, National Research Nizhny Novgorod State University. N.I. Lobachevsky (Nizhny Novgorod, Russia);

3. **Expert** - Safarov Ruslan Zairovich, Candidate of Chemical Sciences, Eurasian National University. L.N. Gumilev (Astana city);

4. **Expert** - Abenova Elena Anatolievna, Ph.D., Associate Professor, University of Narhoz (Almaty);

5. **Expert** - Movkubayeva Zulfiya Akhmetvalievna, doctor of pedagogical sciences, professor, Kazakh National Pedagogical University named after. Abay (Almaty);

6. **Expert** - Ponomarenko Elena Valerievna, Doctor of Pedagogical Sciences, Professor, South Kazakhstan State University. M. Auezov (Shymkent city);

7. **Expert** - Bodikov Seifolla Zhamauovic, member of the Union of Designers of the Republic of Kazakhstan, member of the Eurasian Designers Union, Karaganda State University named after. Academician EA Buketov (Karaganda);

8. **Expert** - Begembetova Galiya Zainakulovna, Candidate of Arts, Associate Professor, Kazakh National Conservatory named after Kurmangazy (Almaty);

9. **Expert** - Madiyeva Galiya Bayanzhanovna, Ph.D., Kazakh National University. al-Farabi (Almaty);

10. **Expert** - Nasiyeva Kazimuratovna Nosieva, Ph.D., Kazakh Agrotechnical University named after S.Seifullin (Astana);

11. **Expert** - Shevyakova Tatyana Vasilievna, Doctor of Philology, Professor, Kazakh National University of International Relations and World Languages. Abylai Khan (Almaty);

12. **Expert** - Bimagambetova Zhibek Tobulbaevna, Candidate of Philology, Associate Professor, Kazakh National University. al-Farabi (Almaty);

13. **Expert** - Duzkenova Nailya Akataevna, Ph.D., East Kazakhstan State Technical University. D. Serikbayev (Ust-Kamenogorsk);

14. **The employer** - Zhanat Khozenovna Kozhakova, acting Head of the Department of Education of the Akimat of the City of Arkalyk (Arkalyk);

15. **Student** - Alyzhan Khalykova, master student of "6M010300-Pedagogy and Psychology", Eurasian National University named after. L.N. Gumilev (Astana city);

16. **Student** - Zurkarnaev Oirat Beybitovich, 4th year student of the specialty "5B070200-Automation and Control", Kostanai Engineering and Economics University named after. M.Dulatova (Kostanay);

17. **Student** - Zaikenova Meruert Bekzatyzy, 2nd year student of the specialty "5B011700-Kazakh language and literature", "Turan-Astana" University (Astana);

18. **The observer for the Agency** is Kanapyanov Timur Erbolatovich, the head of international projects and public relations of the IAAR (Astana).

(III) REPRESENTATION OF THE ORGANIZATION OF EDUCATION

The Arkalyk State Pedagogical Institute named after I. Altynsarin (hereinafter - ArkSPI) has been implementing higher education programs since April 1972. At present, the Republican State Enterprise on the right of economic management "Arkalyk State Pedagogical Institute named after I. Altynsarin" of the Ministry of Education and Science of the Republic of Kazakhstan (certificate of state registration of a legal entity on September 3, 2012, registration No. 323-1937-25-GP, series B № 0600563), the abbreviated name - " ArkSPI ". In 2015, 2016 the university successfully passed specialized (IKAQAE) and institutional (IAAR) accreditation. The Institute carries out its activities on the basis of the Charter approved by the order of the Chairman of the State Property and Privatization Committee of the Ministry of Finance of the Republic of Kazakhstan (No. 743 dated 07.08.2012) registered by the Department of Justice of the Kustanai region (No. 990240005309 dated 03.09.2012); Certificate of state registration of a legal entity - series B No. 0600563, No. 323-1937-25-GP dated September 3, 2012.

Personnel training is carried out in accordance with the State license No. 12019120 issued by the Education and Science Control Committee of the Ministry of Education and Science of the Republic of Kazakhstan on February 14, 2012 (unlimited) for 19 bachelor's specialties.

Bachelor's training is provided in the state and Russian languages.

The contingent of students in the bachelor's degree is 1897 people, including 1157 - day department, 740 - correspondence department.

ArkSPI currently implements educational programs in 19 specialties (Order of the Ministry of Education and Science of the Republic of Kazakhstan № 441 of July 22, 2008) and is included in the List of basic education organizations in priority areas of higher education development of the Ministry of Education and Science of the Republic of Kazakhstan. The Bachelor's degree is awarded a Bachelor's degree in relevant specialties.

The structure of the Institute includes: the rector, the pro-rector, the department for academic issues, the educational and methodical department, the sector of practice and employment of graduates, the office of the registrar, the department for educational work, the office of science, strategic planning and international cooperation, information and library complex, editorial and publishing department, departments ("Pedagogy and psychology", "Kazakh and literature", "Foreign languages, Russian language and literature", "Preschool and primary education", "History of Kazakhstan, Ava and Economy ", " Music and Fine Arts ", " Chemistry, Biology and Geography ", " Mathematics and Physics ", " Computer Science "" Physical Culture and Sport ").

The educational process is provided by the teaching staff: 146 people, 128 of whom are full-time teachers. The share of teachers with academic degrees and academic titles as a whole in the university is 17.9%. Among the faculty members of the Academy there are 3 Doctors of Sciences, 3 PhD, winners of republican contests "The Best Teacher of the University", "The Teacher of the 21st Century", the teacher is the holder of the Bolashak scholarship, holders of the MES RK Certificates of Honor, members of the Academy Pedagogical Sciences, Academy of Higher School of the RK, Members of the Union of Artists, Honored Trainers and Masters of Sports.

Annually in the university a "Fair of vacancies" is held, in which potential employers take part. As a result of the targeted work, the number of graduates employed is 100%.

In order to meet the needs of employers, work is under way to conclude long-term contracts with educational organizations that are bases of professional practices. In the development of modular educational programs (hereinafter referred to as MOP), catalogs of elective disciplines (hereinafter referred to as CED), modular curricula (hereinafter - MC), proposals and remarks of employers are taken into account.

The infrastructure of the university includes 2 educational buildings, in which are located: educational and laboratory and administrative auditoriums and rooms, sports and health

complex, information and library complex, psychological and educational complex, language complex, museum of the history of education, I. Altynsarin Museum, natural science museum, preschool educational and laboratory center, dormitories for students, a teaching and methodological center, an information technology center, an editorial and publishing department, a multimedia support department a process, an archive, an art and design workshop, sports halls, medical centers, two Students' Houses, etc.

The total area of buildings, according to the available technical passports, is 12076 m2. All the buildings of the Institute correspond to sanitary standards, fire safety requirements.

(IV) DISPOSAL VISA

The visit of the external expert commission to the Arkalyk State Pedagogical Institute named after I. Altynsarin was organized in accordance with the program agreed in advance with the chairman of the and approved by the rector of the university.

In order to coordinate the work of the on 07.02.2018, an installation meeting took place, during which the powers were distributed among the members of the commission, the schedule of the visit was specified, and agreement was reached on the choice of methods of examination.

The meetings of the with the target groups were held in accordance with the updated program of the visit, with observance of the established time interval. From the part of the ArkSPI staff, the presence of all persons indicated in the visit program was ensured.

During the visit, in addition to working with target groups, there were talks with students and teachers of the university, graduates and employers.

Information on employees and trainees who took part in meetings with the IAAR

Category of participants	amount
Rector	1
Pro-rectors	
Deans	4
Heads of Chairs	10
Heads of structural subdivisions	20
Teachers	16
Students	30
Graduates	19
Employers	13
Total	113

members attended classes on accredited educational programs:

Teacher	Name of the discipline, subject	Cipher, Group	Applied Methods	Lecture hall	Time
Umbetov A.U., Associate Professor of the Department "Physics and Mathematics", Candidate of Physical and Mathematical Sciences, Professor ArkGPI	Discipline «Electromagnetism», theme «Electric Charges, their Interaction. Coulomb's Law »	5B011000 «Physics», 1rd year, Kazakh department	Solving problems by model, algorithm, discussion in a group	Practical lesson, room.511	09.30

Tulegenova AK, senior lecturer of the department "Physics and Mathematics"	Discipline "Technique of school experiment", the theme "Oscillograph. Generator. Amplifier"	5B011000 «Physics», 3rd year, Kazakh department	Solving experimental problems of different levels of complexity, problematic	Laboratory lesson, room.515	10.30
Sundybaeva A. Zh., Teacher of the Department "Computer Science", Master	Discipline "Methods of teaching Computer Science", theme "Creating a calendar plan for security rules, plan of Computer Science cabinet"	5B011100 "Computer Science", 3rd year, Kazakh department	Cluster, pyramid, differential tasks for independent work, discussion	Practical lesson, 520 classrooms	11.30
Abdrakhmanova MT, Senior Lecturer, Department of Physics and Mathematics, Master	Discipline "Methods of Teaching Mathematics in High Class", theme "Geometric Progression"	5B010900 «Mathematics»3rd year, Kazakh department	Discussion in groups, protection of work results, and dialogue training	Practical lesson, 522 auditorium	12.30

During the tour, the members of the familiarized themselves with the state of the material and technical base and visited the following centers and laboratories: Center for Self-knowledge, Center for Psychodiagnostics and Correction, Center for Pedagogical Excellence and Excellence, Center for Methodological Support of Psychological and Pedagogical Disciplines, Center for Information Technologies and Software, Museum S. Altynsarina, Museum of Natural History, Students' house №1, sports complex, reading room, laboratory of radio electronics and astronomy, laboratory of quantum optics, laboratory of school experiment equipment, laboratory of robotics, laboratory of psychodiagnostics and counseling.

The events planned within the visit of the IAAR facilitated the detailed familiarization of experts with the university's educational infrastructure, material and technical resources, teaching staff, representatives of employers' organizations, trainees and graduates. This allowed the members of the to conduct an independent assessment of the compliance of the data set out in the self-assessment reports of educational programs (hereinafter referred to as "EP"), the criteria for the specialized accreditation standards of the IAAR.

Within the framework of the planned program, recommendations on improving the University's activities developed by the on the results of the examination were presented at a meeting with the leadership of the ARCGI on February 10, 2018.

(V) CONFORMITY TO SPECIALIZED ACCREDITATION STANDARDS

5.1. Standard "Management of the educational program"

The Evidence

Implementation of OP 5B010900 Mathematics, 5B011000 Physics, 5B011100 Computer Science is carried out in the ArkSPI in accordance with the state license and appendices to the license issued by CCSES of the Ministry of Education and Science of the Republic of Kazakhstan.

The institute determines the quality assurance policy independently, without certification. Guidance on the organization of the internal system of quality assurance of the university is approved by the Academic Council (No. 2 dated September 28, 2016). The main trend in the sphere of quality assurance is the transfer of the center of gravity from the procedures of external quality control of the educational process and its results on the basis of national systems of attestation and accreditation toward the internal self-assessment of the university. "Guidance on the internal quality assurance system" is available on the website of the ArkSPI (https://api.kz/images/files_institut).

The quality assurance policy of the ArkSPI is aimed at improving the corporate culture. The university adopted and approved the regulatory documents that define the policy in the field of quality assurance: The strategic plan for the development of the ArkSPI for 2016-2019 (Archpriest of the Academic Council No. 9 of February 22, 2017) (https://api.kz/images/files_institut), Guidance on the internal quality assurance system, the Code of Honor of the instructor of the Arkhangelsk State Technical University (<https://api.kz/index.php/applicant>). The code of honor of the student (<https://api.kz/index.php/applicant>). Corporate culture is the decisive factor determining the effectiveness of the institute.

By orders of the rector №39 from 11.04.2017 and №104 from 7.09.2017 the intra-university quality management system was introduced. Documented procedures on the basic processes of life support of the educational process have been developed. Changes in the normative and legal acts of the Republic of Kazakhstan are reflected in the internal regulatory documents of the Institute by introducing changes and amendments.

In accordance with the Quality Assurance Policy and the Strategic Development Plan for 2017-2021, work is under way to improve the image of accredited EPs. In Kazakhstan schools a new course "Robotics" is being introduced, which integrates the foundations of mathematics, computer science and physics. With the purpose of developing the professional competence of students - future teachers - since 2017 on the basis of the decision of the Academic Council (prot 1 from August 31, 2017), the elective discipline "Fundamentals of Robotics" has been introduced in MCEP Matematika, OP Physics and OP Informatika. Also, in order to train competent pedagogical specialists who mastered modern innovative technologies for 12-year education, MC includes subjects "Teaching methodology of computer science in 12-year school", "Distance learning technology in inclusive education", "New technologies in education" (prot Scientific Council No. 1 of August 26, 2016).

The interaction between teaching, research and training in quality assurance policies plays a key role, and is strengthened by the institution's entry into the European Higher Education Area. For example, the decision of the Academic Council (No. 12 dated May 29, 2017) introduced the elective course "Sph Culture of the Teacher" in Mathematics.

In the context of the EP on the basis of scientific research of the teaching staff, teaching aids have been published: EP Mathematics: Sabitbekova GS " Derivative Differential Equations "(discipline" Differential Equations "); OP Physics: Zhumabaeva S.B. " Classical Geomagnetic Activity Indexes " (discipline " span mechanics elements"); EP Computer Science: Baizakova SS. " Self-study of control device in three-dimensional structural and visual class" (discipline " Investigation of Actions").

In order to analyze the real positioning of the EP in the market of educational services, the institute systematically considers the actual state and provision of resources, as well as the needs that contribute to the implementation of the Strategic Development Plan, at the Academic Council and the sessions of the administration: the potential of the teaching staff for working in an innovative mode; availability of its own training and laboratory areas, further opportunities for the development of the material base, the quality of the information and communication environment of the university; ways to increase the best pedagogical traditions in the training of specialists; features of the contingent of students, expressed in the opportunities for more rapid adaptation of graduates to the conditions of work in the countryside, the program "Serpin"; the growth of the potential of the teaching staff through training in the framework of the state educational order for the master's and doctoral programs in the leading universities of the Republic of Kazakhstan; cooperation with leading universities and educational institutions of the Republic of Kazakhstan, the CIS and foreign countries, etc.

ArkSPI is the only institution in the region that provides pedagogical personnel for the country's educational organization. Graduates of accredited vocational schools are in demand in the region and in the republic.

In the ArkSPI, the analysis of the EP is systematically carried out with the aim of correcting the content and compliance of specialists with the requirements of the labor market. This analysis is carried out by the issuing departments, faculty and structural subdivisions of the Institute. The results of the analysis are used to develop proposals for planning the development of the departments, the institution as a whole. Chairs in the development plans take into account the needs of the state in the number of trained specialists in each specialty, the content of educational programs taking into account the opinion of employers. Departments systematically request and summarize the opinions of all stakeholders, study the EP partner universities, conduct interviews with students, make adjustments to the contents of the EP, individual disciplines, teaching methods, and improving the material and technical base.

Accredited EPs have positive aspects that provide a plan for the development of the EP, its coherence with the country's development priorities:

- The development plan for the EP is being discussed with representatives of all interested parties. Implementation of the plan is discussed at the meetings of the departments of physics and mathematics and computer science. In the discussion participate PTS, students and representatives of the employer - the teacher of computer science school № 6 Eseneva RE, the head of the methodical unification of natural sciences school № 6 the teacher of mathematics Nurlybekova LN and the teacher of physics of secondary school №1 named after Sh. Valikhanov Kenzhegalieva SK;

- a learning environment that reflects the specifics of the EP, which includes: interactive resources (with access and after-hours), including teaching materials and assignments, training programs, electronic textbooks;

- directed to practice-oriented training of students.

Organizational and legal consolidation of management functions, rational delimitation of powers, establishment of rights, duties and responsibilities of heads of divisions are determined by the "Provisions on divisions and job descriptions", developed in accordance with the organizational and administrative documents of the Institute. The provisions cover all functions of the unit and evenly distribute the workload among employees, taking into account the level of their qualifications. The powers and duties of employees are defined in job descriptions. Plans for the work of collegial bodies are openly available on the website of the university. The decisions are communicated to the interested parties through distribution on paper and through the internal local network of CommFort.

Delegation of authority and responsibility is one of the most important activities required for organizational work. Responsible for the implementation of the points of the development plan for the OP are appointed by the decision of the meeting of the department. Reports on the implementation of development plans for the EP are included in the annual reports of the

department with critical analysis. The development plan for the EP is reviewed once a year, the training and methodology department monitors the implementation of the EP development plan. Harmonization of the provided educational services with the interests of consumers makes it possible to realize a socially significant goal - the professional adaptation of students and graduates of the university to the constantly changing labor market trends.

Implemented and used the following mechanisms for the collection, storage and analysis of information on the implementation of the EP: self-assessment of the EP in preparation for institutional and specialized accreditation; self-assessment of OP for compliance with the criteria of rating agencies; annual self-assessment of the processes ensuring the implementation of the EP, development, development and active use in the management of information systems; internal and external sociological surveys.

The Institute systematically studies and analyzes potential risks and develops ways to prevent them. Potential risks are determined by conducting a SWOT-analysis in the process of developing a strategic plan for the development of the institute.

Affect the content of the development plan for the EP can all interested persons, including employers, students, teaching staff. Discussion of the content of accredited EPs with employers is carried out at methodological seminars, discussions of open sessions conducted by teachers of accredited EP with the invitation of city teachers, visiting seminars. Since 2017, the program of joint cooperation between the City Administration, the Arkalyk Education Department and the colleges of the city has been launched. The purpose of the joint cooperation program is the exchange of experience, mutual assistance in matters of a methodical nature, the definition of competence, the formation of the content of the EP, in accordance with the labor market requirements. The implementation of the program is carried out in a planned manner with the involvement of experienced teachers of practitioners recommended by the city's education department and the management of colleges.

For example, on May 5, 2016, the meeting of the Department of Physics and Mathematics was held, in which the head of the methodical unification of the natural sciences of the secondary school No. 6, the teacher of mathematics Nurlybekova LN, took part from the employers' faces. and the teacher of physics of secondary school No. 1 named after Sh. Valikhanov Kenzhegalieva SK. During the meeting, the development plan for the Mathematics and Mathematics Program was considered and the Physics and Maintenance of the EP (<https://api.kz>). Also at the meeting of the Department of Computer Science was discussed the development plan for the Computer Science Information System for 2016-2019 (<https://api.kz>) with the participation of Computer Science Teacher of the Secondary School № 6 Eseneeva R.E. The implementation of these activities contributes to the growth of the qualitative potential of the teaching staff and the provision of training of competitive teaching staff for PTS organizations.

In accordance with the strategic goal of advanced training in modern management in higher education in the period from October 16 to October 21, 2017, 25 people from among the leadership and top managers of the Institute passed the refresher course "Management of Higher School" (KazNU named after al-Farabi, Almaty).

In 2015, the accredited PAs received specialized accreditation to IKAQAE. According to the conclusion, in general, the EP meets the requirements of the 7 standards.

Analytical part

The has a published quality assurance policy, which nevertheless does not fully reflect the relationship between research, teaching and learning. The university demonstrates the development of a culture of quality assurance, including in the context of the EP, the criteria have increased, the assessment system has changed, approaches to the development of the EP have changed. The raises a satisfactory assessment of the work of the management of the EP to ensure transparency in the development of an EP development plan based on an analysis of its functioning, the real positioning of the institution and the direction of its activities to meet the needs of the state, employers, stakeholders and students. Experts confirm the functioning of the mechanisms for the formation and regular revision of the development plan for the EP and

monitoring its implementation, assessing the achievement of the training objectives, the needs of students, employers and society, but believe that the procedure for updating the strategic documents for the development of accredited EPs requires revision. The notes the consistency of the EP development plan with the national development priorities and the development strategy of the ArkSPI. The Commission was provided with evidence of transparency in the management system of the EP, the success of the internal quality assurance system of the EP. Members of the were convinced of the availability of risk management and innovation measures within the framework of the OP (analysis and implementation of innovative proposals).

Strengths / best practice

- involvement of representatives of stakeholder groups, including employers, trainees and PTS in the development of the EP development plan, their participation in the collegial management bodies of the EP;

- Identification of those responsible for business processes within the framework of the EP, the distribution of the duties of the staff;

- Training the management of the EP on educational management programs.

Recommendations

Develop a procedure for updating strategic documents on the development of accredited EP.

Conclusions of the on the criteria

According to the rating table "Parameters of a specialized profile", the notes the strong position of the accredited cluster of educational programs on 6 criteria, 11 criteria - satisfactory.

5.2. Standard "Information Management and Reporting"

The Evidence

In accordance with the "Regulations on the Information Policy of the Arkalyk State Pedagogical Institute named after I. Altynsarin" (approved by the Academic Council, Protocol No. 1 dated August 31, 2017) (https://api.kz/images/files_institut), the Regulations on the subdivisions are regulated collection of information and its frequency in all major areas of the university (www.api.kz).

Departments within the framework of the EP constantly conduct work to ensure the collection, analysis and dissemination of basic information for the effective management of training programs and other activities. Mechanisms for the collection, analysis and management of information on individual areas of the department in the framework of the EP are automated based on information and communication technologies.

The institute created a model of an electronic-innovative university: an educational portal for distance learning, a digital library. The system of information collection and monitoring is supported by information systems: for day-time training it is AIS "Platonus", in 2014-2015 academic year AIS "Moodle" was introduced for distance learning. These systems allow you to monitor the level and quality of students' progress in all disciplines in the course of mastering the educational program.

According to the recommendations of the IAAR within the framework of the institutional accreditation of the Arkalyk City Administration (November 2016), the Academic Council was considered (draft No. 6 dated 05.12.2016) and approved (Minutes of the Rectorate № 5 from 11/01/2017). 2017-2021 gg. The management of the EP presents a progress report on the Roadmap for each academic year. For example, at the Academic Council (no.4 from 29.11.2017) the head of the Department of Computer Science A. Eskermesuly presented a report on the work done within the framework of the Roadmap of the Institute for 2017-2021.

Within the framework of the EP there is a system of regular reporting, which includes the effectiveness and effectiveness of the departments. The departments prepare semi-annual, annual

reports, which are analytical in nature, and cover all areas of the department's work. Reports are generated from the bottom up. The structure of reports is determined by the forms approved by the relevant documented procedures. Reports of teachers are heard at the meetings of the departments, the Council of the Faculty. On the basis of the report, the following decisions were made: increase the number of articles of the department's faculty in scientific publications (foreign, impact factor, CCSES), and also consider ways of implementing scientific papers.

Information channels for feedback of personnel and students to the management of the university (meetings, meetings and meetings of the soviets) have been formed and are functioning at the Institute. The "Box for complaints and proposals" functions. Reception of the university staff on personal issues is carried out two days a week in accordance with the schedule of admission. Information received through all feedback channels is analyzed and used to improve the EP. For example, at the invitation of the State Institution "Department of Education of the City of Arkalyk" from 02.03.16 to 03.03.16. Dzhaketova conducted a master class for teachers of schools in the city and the region on the theme "Digital educational resources in mathematics lessons". 12/14/2017 at the city seminar of teachers of natural disciplines "Mathematics, topical issues in the teaching of natural sciences" at the invitation of the school № 8 Dzhaketova S.D. and Sadykova BS master-classes on the topics "The possibilities of using Geometer's Sketch Pad in a math lesson" and "How to Use Different Methods in Teaching Physics in English". From 22/01/2018 to 24/01/2018. on the proposals of the PTS of the Computer Science Department, a seminar-consultation for the teaching staff on creation of electronic textbooks and a personal website was organized.

For the development of training and development, the EP is guided by the monitoring of procurement, staffing and staffing of the EP for consultations.

The Institute provides an intuitive information-learning portal, a corporate network, which allows access to all information resources, which creates the most demanding conditions for professionals and development of PTS. The site contains all the personal information available from the tutor.

Rationalization in the conflict, interests and attitudes go through the review and lamentations. Mechanisms of conflict of interests and relationships include: exposure to PTS, trafficked persons and other internal regulations, the organization of educational process in the field of training, basic directions of work in the field of structured sub-divisions, rules of internal intersection, etc .; Creation of corporate culture, based on the rights and freedoms of employees, educators and educators, as well as their personal friendship.

Frustrated, the PTS will be able to send the following comments and suggestions to the following questions: Rationale for their questions, remarks, official and lecture notes, private recruitment, anonymity, admission to the rector 's bloc; to reset the message in a specially equipped box with empty words and suggestions, which is placed in the foyer of the first floor of the educational building; recruiting the private department, dean, pro-rector, rector of the special time at the time. During the period under review, conflicts of interest were not in touch with the colleagues.

Within the accredited EP for the purpose of timely provision of students, to the public and other consumers complete, reliable and comparable information about the activities of departments, implementing EP, created a web page of departments official website ArkSPI (www.api.kz). The task web pages of the Department are: provision of information to educational institutions and education management bodies in the exercise of their functions, identification of participants and elements of the EP, availability of the latest information about the activities of departments, faculty and achievements of students, address organization of analytical and informative information, compliance requirements of the unified information space of the education system of Kazakhstan as a whole. In addition to the web-pages of the departments, the official website of the University has the official accounts in social networks (<https://twitter.com/KafedraARKMPI>, <https://my.mail.ru/mail/kafedra.arkmpi/>, <https://ru-ru.facebook.com/kafedra.arkmpi>), which, in in turn, they can contribute to the development of

open reporting to citizens; organization of open forums with the participation of subjects of educational activities; publish innovative educational materials and open discussion; functioning of an open informal rating system; information about the EP for parents and students in the framework of career guidance activities. Information on the main activities of the EP is reflected in the media pages and information stands. For career guidance and maintenance of image activity is carried out release and distribution booklets, brochures on EP, important activities.

The contingent of students in the context of forms of education is formed by The office Registrar(table. 1). Data on employment of graduates are presented in table 2.

Table 1. Information about the contingent of students accredited by EP

Academic year	Contingent of students					
	Daytime training		Distance learning		Total	
	total	W.h.on kaz.language	total	W.h.on kaz.language	total	W.h.on kaz.language
OP "Mathematics"						
2015-2016	116	116	10	6	126	122
2016-2017	97	97	16	10	113	107
2017-2018	89	89	16	10	105	99
OP "Physics"						
2015-2016	71	67	2	1	73	68
2016-2017	65	63	2	1	67	64
2017-2018	72	70	4	1	76	71
OP "Computer Science"						
2015-2016	101	96	3	3	104	99
2016-2017	99	98	18	18	117	116
2017-2018	80	77	41	38	121	115

Table 2. Information on employment of graduates of accredited EP

Academic year	Number of graduates	w.h.sh. on the state.the grant	w.h.sh training. on rural quota.	From them laborious-eno.	w.h.sh on state. grant.	w.h.sh training. on rural quota	%
EP "Mathematics"							
2014-2015	15	11	4	15	11	4	100
2015-2016	23	15	8	23	15	8	100
2016-2017	25	19	4	25	19	4	100
EP " Mathematics"							
2014-2015	14	9	5	14	9	5	100
2015-2016	14	10	4	14	10	4	100
2016-2017	14	9	5	14	9	5	100
EP "Computer Science"							
2014-2015	23	16	4	10	8	2	100
2015-2016	23	12	6	18	12	6	100
2016-2017	26	14	8	16	11	5	100

Analyzing the contingent in recent years, it should be noted the instability number of students EP. Such a low contingent on a contractual basis it is connected with the social situation of the region's population.

Over the past 3 years, the indicators have remained stable employment of graduates on rural quota. Decline in employment graduates of 2017, who studied on the rural quota, due to the exemption from employment of graduates with children under the age of 3 years.in September graduates who studied under the state grant, including the rural quota, send help about the device to work or admission to the master's degree. Graduates who have entered the magistracy, according to the law are exempt from employment opportunity. The sector of practice and

employment of graduates is working to collect information about the career growth of graduates within 3 years after graduation Institute's.

The Department of personnel work keeps records of the documentary consent of employees and staff at processing of personal data on the basis of "Regulations on personal protection data staff and students" https://api.kz/images/files_institut/kadri approved Academic Council 31 August 2017 (prot. No. 1). In accordance with the position of PTS and students signed consent to the collection, storage and processing of personal data 31.08.17 g. Guided by the regulations, the University ensures compliance with the legislation Actions of the Institute's employees aimed at the processing of personal data employees who study; protection of personal data from unauthorized access, loss, misuse or distribution; principles, order of personal data processing; conditions of personal data processing data that can be protected.

Information support of scientific research provides information-library complex (hereinafter – ILC) ArkSPI. To perform this task in the structure library funds included: Subscription of scientific and fiction literature and Reading room "Electronic resource center". The Fund of scientific literature is 78125 copies, of them in the state language – 28 716, in Russian-48 922, on English-478 copies. Taking into account the growing needs of faculty, students in the new scientific literature of various subjects, attention is paid to the completion of library Fund of modern scientific publications, including periodicals editions. To provide access to universal education for students and faculty information full-text databases (to the information platform Web of Science by Thomson Reuters, Springer Link database containing full-text articles of the complete collection magazines of Springer Nature) library ArkSPI works with the National center of scientific and technical information RK (contract № 193 from 19.06.2017 y.), annual update. Teachers of accredited EP visit websites: springerlink.com, rmebrk.kz and use the materials of these sites in the classroom. For Example: Zh. E. Akhatova, Dangalova K. S., S. S. Baizakov, S. A. Jamalova, A. J. Sandybaeva "Editorial", "An antinspired model for multi-agent interaction networks without stigmergy" on the subject of ICT. Zh. E. Akhatova on the Basics of information coding- "Introduction to Quantum Computing". S. A. Jamalova Research operations "Lineare Optimierung», "Transportoptimierung", "Diskrete Optimierung". Senior teachers EP Mathematics Abdrahmanova M. T. and S. J. Jaklova – Critical Points and Bifurcations of the Three-Dimensional Onsager Model for Liquid Crystals, Pointwise Estimates for Bipolar Compressible Navier-Stokes-Poisson System in Dimension Three, Improved upper bounds for partial spreads, Complete maps and Carlitz rank. On EP "Physics", associate Professor A. U. Umbetov – Evolution of finite energy Airy beams in cubic-quintic atomic vapor system, The Effect of Netting Solidity Ratio and Inclined Angle on the Hydrodynamic Characteristics of Knotless Polyethylene Netting. In January 2017, the electronic resource center CSI together a complex was held with the Department of scientific work and international cooperation seminars for teachers of departments of Institute on registration and work with the above databases. As a result of this work, 78 accounts were created, 170 people were signed.

Analytical part

Considers satisfactory the work of the University to ensure the functioning information collection, analysis and management systems based on the use of modern information and communication technologies and software, and considers that the practice of conducting an assessment of the development risks of the EP should be continued. In ArkSPI the order and information protection is defined, including the following responsible persons for the accuracy and timeliness of information analysis and providing data, but key performance indicators require improvements. Experts have received confirmation that students, employers and faculty they are involved in the process of collecting and analyzing information and making decisions based on them.

The degree of satisfaction of the needs of faculty, staff and students in the framework of the EP regularly measured. Mainly students, workers and teachers confirm document your

consent to the processing of personal data. For conducting research has access to information in the relevant fields of science.

Strengths/best practice

- regular reporting system, reflecting all levels of the structure, including the evaluation of the effectiveness and efficiency of activity of divisions and departments, scientific research
- frequency, forms and methods of evaluation of EP management, activities collegial bodies and structural units, senior management
- mechanism of communication with students, employees and others stakeholders, including the existence of conflict resolution mechanisms
- systematic assessment of performance and effectiveness, including in the context of the EP.

The recommendations of the

Continue the practice of conducting a risk assessment of the EP.

The conclusions of the according to the criteria

Estimated table Parameters "specialized freight profile" of the EEC notes the strong position of the accredited cluster of educational programs on 5 criteria, 11 criteria-satisfactory, 1 suggests improvement.

5.3. Standard " Development and approval of educational program»

The Evidence

The Institute has defined and documented procedures for the development of MOP and their approval at the institutional level. Procedure for development and quality assessment of EP reflected in developed and approved by the academic Council ArkSPI "about modular educational program and the procedure for its development" (prot. №9 from 24.03.2016 d.), which defines the basic requirements for the MOP, the order of its development, structure, etc. MOP are developed on the basis of SSE and model curriculum specialty (https://api.kz/images/files_institut/moodle-obrazovatel'naya-programma.pdf). EP is discussed and it is recommended at meetings of departments, approved at a meeting of the faculty Council, scientific and methodical Council of the Institute and approved by the Scientific Council no later than 1 September every year. Thus, the implemented at the moment of the educational program approved: admission 2014-prot. No. 13 dated 25.06.2014, welcome 2015 – FR. No. 12 of 24.06.2015, reception 2016-prot. №12 from 22.06.2016, reception 2017-prot.No. 13 of 28.06.2017 y.

Manual EP ensures compliance of developed EP installed objectives, including expected learning outcomes. Implementation of accredited EP has a purpose: training and education of highly educated and highly qualified specialists; provision of secondary and postgraduate education and bodies public administration, culture by highly qualified specialists, able to compete successfully in the domestic and foreign labor markets; integration into the world educational, scientific and information system.

The results of training on EP are reflected in the MOP and are determined taking into account competencies that should be possessed by a graduate of the Institute for the future performance of professional activity: General cultural competence, General professional competence, special competence. The teaching staff of the Institute based on the SSE specialties developed a model of graduate EP. As the University prepares teaching staff, graduates of educational programs should have competences allowing to carry out pedagogical activity in the according to your degree. The contribution of a discipline to the formation of the main results of training are determined by the leading specialists of the departments, having relevant experience and qualifications.

Manual EP ensured the presence of the developed models of graduate TA's. That's all models contain a description of the mandatory minimum knowledge, skills, which are provides

basic education, and which all graduates of this specialties. Next, the model of the graduate is supplemented with the specifics of each educational program. The models are posted on the official website of the Institute graduates of accredited EP. In the development of models of the graduate participated representatives of employers in the framework of joint cooperation. Degree the formation of the competence of students accredited by EP is evaluated by the results of the midterm, final control, SAC, as well as the feedback of employers.

The MOP are internal and external expertise. Procedures of carrying out examination and review of EP is determined by the "Regulation on the assessment of the quality educational programs" approved by the academic Council ArkSPI (prot. No. 9 of 24.03.16). Internal examination is carried out with the involvement of leading teachers and heads of structural units of the ArkSPI, external expertise-with the participation of representatives of employers. In 2016, the MOP reviewed the Math Alymbaev O. M., head of the Department of mathematics and methods of teaching mathematics, PI Shakarim Semey, K., PhD., associate Professor; MOP Physics and M. U. Kalzhanov, associate Professor Department of physical, mathematical and technical disciplines Kostanay state pedagogical Institute, candidate of physico-mathematical Sciences; Computer Science MOP - Sukhov, M. V., associate Professor, Dean of the faculty of natural Sciences and mathematics of Kostanay state pedagogical Institute, Ph. D., etc. The results of the MOP examination are considered by the Scientific Council, and the need for the MOP is supplemented and modified. The MOU is consistent with the employer, who is a member of the working group on the development of MOS, and is approved by the Scientist advice (prot. No. 1 of 28.08.2016, No. 1 of 31.08.2017). Responsible for the execution the procedures for assessing and monitoring the quality of educational programs are educational-methodical Department and heads of departments.

Qualification characteristics of the graduate EP is reflected in the MOP specialty, where the student is given the necessary information and a detailed list of positions. On items painted sphere, objects, types, functions, typical tasks and content professional activity. The EP is aimed at preparing students to work activities in the field of education according to the degree. Throughout the training period is organized meetings of students with graduates working in education, employers, heads of practice bases for the purpose of full familiarization with the sphere of future professional activity. For details students information is communicated through the presentation of CED.

The content of the EP in the part of the mandatory component correspond to the standard educational plans of the specialty and is identical to the curriculum of universities of Kazakhstan,

Carrying out training in these specialties. There is practice formation of individual educational trajectories. Personal account information features of students, including features of perception of information, taken into account in planning the development and implementation of EP. At the end of EP students who have passed the final certification and confirmed the assimilation relevant professional curriculum of higher education, the decision of the SAC awarded a bachelor's degree and a diploma of the state sample with the application. The obtained bachelor's degree corresponds to level 6 qualifications of the national qualifications framework of the Republic of Kazakhstan: Higher education. Baccalaureate, master's degree, practical experience. In the development and management of EP through inclusion in the variable part educational programs of elective courses that ensure the quality of training bachelors, mandatory participation take PTS. By the order of the rector the working a group of heads of departments and leading teachers.

For the effectiveness of the formation of popular competencies of graduates in the workplace the group on the development of MOP necessarily includes employers (representatives secondary schools, colleges). Mechanism of employers ' participation in the development of The EP is fixed in the " Regulations on the procedure for attracting employers to develop modular educational programs" (prot. meetings of the Academic Council №9 24.03.2016). The representativeness of employers participating in the design and implementation of the EP, provides information on the participation of employers in design and approval of the

OP, given specific examples of their proposals and the effectiveness of employers' participation in the design and approval of the EP.

Examples of the influence of disciplines on the formation of students' professional competence, skills and knowledge blocks in the aspect of EP development. The specific data proving that these disciplines and practices are given in the article. The framework of accredited EP forming these competences. For example, in the 10th module "Introduction to mathematics" EP Mathematics (admission 2017) includes discipline "Introductory mathematics course" and "Analytical geometry", which form the skill to correctly analyze and choose the apparatus, research methods and solutions tasks. In the 13th module "Methods of solving problems" (6 credits) (admission 2017) EP Physics includes discipline "Workshop on solving physical problems" and "Higher mathematics», forming the ability to express and justify their position on the choice of methods to solve problems. In the 11th module "programming Technologies 1" (7 credits) EP Computer science (admission 2017) includes the discipline "Programming" and "Digital technologies in education" that form professionally-oriented competence and skills of using modern information and communication technologies for creation, formation and administration of electronic educational resources.

The relationship of the disciplines of logical, whether the content of the training disciplines level of training is quite provided. There is information about the feasibility groups of academic disciplines accredited by EP to form specific groups of competencies. The structure of the EP provides for different types of activities of students.

Formation of students' professional competencies as a result of training is determined by the results of professional practices. In the period of practice the students obtain a qualification of competence, because the main purpose of the production practice is to consolidate the key competencies, practical skills and professional experience activities. According to the development plan of EP, in 2016-2017 academic year, analyzing conclusions of the final conference of practical training, the MOP introduced continuous pedagogical practice (admission 2017).

CED's specialties are updated annually, developed new elective courses at the request of employers, adjusted the content of existing disciplines for each specialty, less relevant disciplines are abolished, covering narrow subjects are becoming larger. The disciplines included in the CED reflect actual directions of development of the studied area. For example: Math in the EP (admission 2017) included the discipline "methods of teaching mathematics in the context of modern education" (16th module, 3 credits, 7th semester). Learning outcome: know the structure, types and methods of evaluation of the updated content of education, be able to plan and evaluate the learning outcomes (in light of updated content of education), possess critical thinking skills. In EP Physics (admission 2017) included discipline "Fundamentals of robotics" (16th module, 3 credits, 7th semester).

Learning results: to know the basic methods of designing robotics, to be able to design LEGO Mindstorms Education programs in the EV3 software, LEGO Digital Designer, successfully apply the theoretical knowledge gained in the field of robotics, in areas of mathematics, physics, geometry and computer science; possess the skills of use designer for design, modeling, and visualization skills of robotics using virtual graphics. EP in computer science (admission of 2017) included the discipline "Information and communication technologies (ICT) in teaching Computer Science" (16th module, 3 credits, 6th semester). Learning outcome: to know about the main directions of ICT use in education, their application in education organization of work of the computer science Cabinet at school; be able to use ICT in teaching of Computer Science and in the activities of informatization of education; skills of formation of ideas about the possibilities of using ICT in professional activity of computer science teacher.

To ensure equal opportunities for students of MOP, MC and CED developed in the state and Russian languages, they are identical in structure and content. The University ensures the development of learning outcomes through planning the educational process, development of educational and methodical documentation, preparation of schedules of training sessions, carrying

out all types of training activities, organization professional practices, conducting intermediate and final certifications.

The complexity of academic disciplines is determined in Kazakhstan loans and ECTS on the basis of " Rules of organization of educational process on credit technology of training», approved by the order of the MES RK of 20.04.2011 № 152, and fixed in the MC. Order translation of the labor disciplines of the Kazakhstan credits to ECTS and Vice versa determined by the "Regulations on credit transfer on ECTS", approved by the Scientist advice (prot. No. 2 of 26.09.2012).

Analytical part

EEC confirms that in ArkSPI defined and documented procedures EP development and approval at the institutional level. Guide accredited EP provided experts with evidence of participation of students, faculty and other stakeholders in the development of EP, ensuring their quality, the presence of developed models of graduate TA's. Manual EP demonstrated with specific examples the external examinations of the EP. The complexity of educational programs is determined in the Kazakhstan credits and ECTS. However, joint educational programs on areas of training "Physics", "Computer Science", "Mathematics" with foreign there are no educational institutions.

Strengths/best practice

- documentation of procedures for the development of EP and their approval institutional level;

- development and approval of MOS, their development;
- availability of the developed models of the graduate;
- conducting external examinations of the MOP;
- proof of participation of students, faculty and other stakeholders in the development EP, ensuring their quality.

The recommendations of the EEC

- To consider the possibility of introducing dual training in the experimental mode.
- To continue the practice of attracting specialists to work on the definition of influence of disciplines and professional practices on the formation of learning outcomes.
- For the development of trilingual education consider the possibility of creating conditions for the choice of the language of study of individual modules, regardless of from the language of instruction.
- To consider the possibility of developing joint educational programs on areas of training "Physics", "Computer Science", "Mathematics" with foreign educational organization.

The conclusions of the EEC according to the criteria

Estimated table Parameters "specialized freight profile" of the EEC notes the strong position of the accredited cluster of educational programs on 4 criteria 7 criteria – satisfactory, 1- implies improvement..

5.4. Standard “Continuous monitoring and periodic evaluation of educational programs”

The Evidence

Evidence part Monitoring and evaluation of the EP is carried out in accordance with the " Regulation on quality assessment educational programs", approved by the Scientific Council (prot. No. 9 of 24.03.2016).

The main monitoring methods are questionnaire, testing, documentation analysis, self-assessment, survey etc. Results of monitoring the quality of implementation of EP are issued in Twenty in the form of analytical reports/reports / reports and are considered at meetings collegial body. Monitoring of education for the evaluation of EP is carried out in within the educational

process. Organization of monitoring procedures as part of the EP assessment it is planned. The results of quality monitoring are considered in the context of taking corrective and preventive measures.

Control of knowledge of students is organized in accordance with the "Regulations on organization of control of knowledge of students in ArkSPI im.I. Altynsarina" (prot. Scientist's Council №2 from 25.09.2013). Mechanism to evaluate the knowledge, skills and professional competence is carried out on the basis of the schedule of control measures, where attendance of classes, oral and written answers, performance of household tasks are taken into account tasks'. The assessment is put in the electronic journal of AIS "Platonus". In order to ensure objectivity of assessment of knowledge and degree of formation of professional competence assessment of educational achievements of students in each discipline and professional practices are carried out according to the international practice score-rating system in the form of current monitoring of progress in the process of of the study subjects and final control – in the period of examination sessions.

Use in the educational process AIS "Platonus" allows you to learn and to analyze educational achievements of students. Each student in AIS "PLATONUS» has free access to your virtual office, where you can view academic calendar individual study plan, e-zine, transcript points GPA EEMCD and correspond with teachers on emerging he has questions.

The following types of monitoring of academic achievements are defined at the Institute students: monitoring the quality of admission, which involves the assessment of academic training of students enrolled in the OP and is carried out in the framework of the analysis results of entrance examinations of applicants; monitoring of current academic performance students, which involves assessing the progress of students in the framework of seminars, colloquiums, self-guided work teacher, self-study, exams and practical training and is carried out through the rating system; monitoring of residual knowledge of students, which involves assessing the effectiveness of ongoing monitoring of performance students and is carried out in the analysis of the results of the control section of knowledge pre-graduate/final course students in the disciplines to be taken out at the external evaluation of educational achievements; monitoring the quality of students, which involves assessing the effectiveness of monitoring the progress of students different stages of their education at the University and is carried out in the framework of the analysis of the results public examinations on the core subjects and a thesis.

The content of the EP is reviewed 1 time per year, changes are made to the EP, the based on the decision of the Academic Council on the recommendations of stakeholders (employers, teachers, students). The procedure for employers ' participation in the development of EP regulated by the " Regulations on the procedure for attracting employers to develop modular educational programs", approved by the Scientific Council of the Institute (prot. No. 9, 24.03.2016 g) (https://api.kz/images/files_institut). Every year when you consider possible and the preparation of the EP takes into account the views of employers.

So, according to the recommendations in the EP Saryobinskoye school Mathematics in 2014-2015 year was included in the MC of the discipline "Methods of teaching mathematics in the 12-year-old education system", " methods of teaching mathematics in small schools", EP Physics - " Methods of teaching physics in small schools."

On the recommendations of the secondary school №1 named after sh. Ualikhanov in the EP Math for 2015-2016 the academic year was introduced discipline " theory of probability and mathematical statistics", in EP Physics – "Electrodynamics". In EP Physics on the recommendation gymnasium named after You.Altynsarin included the discipline "Methods of solution of tasks increased complexity in physics". On the recommendations of the secondary school №4 in the EP computer science was the following subjects were introduced: for 2014-2015 academic year: "Programming», "Physics", "Database and information systems", " computer Architecture», "Numerical methods", "operations Research" (Protocol No. 6 dated 10.01.2014 y.); on 2015-2016 academic year: "methods of teaching Computer Science in 12-year school», "technology of distance learning in an inclusive educational system", " New

technologies in education"; for 2016-2017 academic year: "three-Dimensional animation programa 3D studio Max", "program Blender 3D", "fundamentals of programming in the environment Lazarus" for 2017-2018 academic year: "Fundamentals of artificial intelligence", "Cloud technology", "Fundamentals of robotics". All changes made to the EP are fixed document, extracts of the minutes are communicated to all stakeholders.

Analytical part

The believes that monitoring considers the content of the EP in the light of the latest achievements of science in a particular discipline in order to ensure relevance subjects taught, taking into account the changing needs of society and professional environment. The experts made sure that the procedures for evaluating the results the training is effective, fully consistent with the expectations and needs of students, however, the situation on the development of evaluation criteria for all types of educational work students need to be updated. Stakeholders mainly informed of any action planned or taken in respect of EP. All changes made to the OP shall be communicated to the parties concerned. Guide The EP ensures that the content and structure of the EP are revised to reflect market changes labor, requirements of employers and social request of the company.

Strengths/best practice

- monitoring and periodic evaluation of the EP (including workload, academic performance and release of students), the results of which are aimed at constant improving the EP;
- support service meets the goals of the EP;
- participation of students, employers and other stakeholders in the revision of the EP.

The recommendations of the

To update the position on the development of evaluation criteria for all types of training labor of students (practice, laboratory work, all kinds of independent work students, etc.).

The conclusions of the according to the criteria

Estimated table Parameters "specialized freight profile" of the EEC notes the strong position of the accredited cluster of educational programs on 4 criteria, 6 criteria – satisfactory.

5.5. Standard "Student-Centered learning, teaching and assessment academic performance"

The Evidence

The Institute carries out the modernization of professionally-oriented the educational process in the direction of determining individual students educational trajectories satisfying their own needs for learning quality education. Construction of individual educational trajectories allows to organize educational process in the logic of competence approach that ensures the formation of instrumental competence in the future educators'.

The formation of the individual trajectory and the implementation of the EP takes into account individual characteristics of students: students are considered as individuals, their experience, features, perception abilities, interests and needs, he is taken into account involved in the process of what he is studying.

All students are provided with equal opportunities regardless of the language of learning, as students to form an individual educational programs (IC) use the CED in two languages - state and Russian.

Students are given the freedom to choose the language of instruction (the state language, Russian language multi-lingual group), the teacher of elective disciplines, presented in the CED. The election subjects is provided in orientation period weeks. Thus, 26-27.01.2017 held on the

record procedure on discipline for 2017-2018 academic year. The students were presented with presentations of disciplines "Religious studies "(B. A. Eleusov), "Gender education: legal and gender literacy" (Bermagambet R. E.), "mental health Prevention and prevention suicides" (Bondareva, T. O., Taukelov A. E.), "Media education" (V. J. Esergepova), "Youth policy" (Bermagambet R. E.), " Fundamentals of anti-corruption culture» (Borubaev T. B.). Disciplines signed: "Religious" - 202, "Gender education: legal and gender literacy "- 5, " mental health Prevention health and suicide prevention "- 73, "media Pedagogy" - 5 students.

In ArkSPI sufficient attention is paid to improving the quality of teaching educational discipline. One of the factors of the quality of teaching is the introduction of innovative learning technologies, which is fixed in the annual work plan of the departments.

The quality of educational services is assessed by open classes. Status of implementation of innovative technologies in the educational process systematically considered at meetings of the Academic Council (prot. №8 from 25.02.15 y., №8 24.02.16 y. №9 from 01.03.17 y.). Experience in implementing the most relevant and effective methods become the object of exchange of experience between teachers by conducting demonstration open classes.

During the period under review with the use of innovative learning technologies in EOP Mathematics, there were 14 open classes, Physics EP - 18, EP Computer science-34. So, in the 2015-16 academic year A. A. Aubakirova held an open lesson on discipline "New technologies in education" for group f-41 on the topic " The use of critical thinking in teaching". Effective methods were demonstrated. Methods of formation of critical thinking. In the 2016-17 school year A. K. Tulegenova held an open class on the subject "New technologies in education" for the group M-41 on the topic: "Evaluation and evaluation for reading". Examples were given formative and summative assessment and criteria-based assessment in conditions of the renewed education system. In the 2017-2018 academic year Akhatova Zh. E. held open lesson on the subject "Fundamentals of coding information" in the group I-31. On classes used problem, visual and heuristic methods of teaching.

Satisfaction of students with the teaching methods used determined by polling. In the current academic year on the basis of bilateral cooperation agreements on the implementation of dual training between the Institute and the organization of education, tripartite agreements on the implementation of dual training between the Institute, organization of education and student, as well as the orders of the rector of the Institute №290 from 8 September 2017, No. 320 of October 13, 2017 8 students EP Math, 5 students of Physics and EP 3 OP computer science student undergoing dual training in 15 educational institutions (table. 3).

Table 3. Information on the dual training of students accredited by EP

№	Name of educational institution Specialty	contracts	№ and date	Student's name
1	Akmola region, Zharkain district, village Kostycheva, school name 50 years October's	Physics	№33 from 13.10.2017y.	A.M.Taskinbayuli
2	Akmola region, Zharkain district, Gastell's school	Computer Science	№14from 08.09.2017y.	G.Alisher
3	Akmola region, Zharkain district, School of sh. Ualikhanov	Mathematics	№8 from 08.09.2017y	K.E.Arginbekuli
4	Kostanay region, Amangeldi district, school name A. Nurmanova	Mathematics	№7 from 08.09.2017y	K.Sholpan
5	Kostanay region, Amangeldinsky district, Zhanaaulskaya HS	Physics	№26 from 13.10.2017y	K.O.Beibytuli
6	City of Arkalyk, Seryozhenka school	Physics	№2 from 08.09.2017y	J.E.Gabytuli
7	Kostanay region, Zhangeldinsky area, Secondary school named after	Mathematics	№6 from 08.09.2017y	E.N.Tuymebayuli

	A. Baitursynov			
8	Kostanay region, Zhangel'dinsky district, school Albarragena	Mathematics	№5 from 08.09.2017y	B.A. Komekbaykızı
9	Kostanay region, Zhangel'dinsky district, school Zhangel'dinsky	Physics	№3 from 08.09.2017y	E.E.Kenzheakhmetkyzy
10	Kostanay region, Zhangel'dinsky district, OSH Kolomytskaya	Mathematics	№9 from 08.09.2017y	I.M.Kulupbekovna
11	Kostanay region, Kamystinsky district, OSH Belowsky	Mathematics	№10 from 08.09.2017y	A.G.Samhankyzy
12	Kostanay region, Kamystinsky district, OSH Orissa	Mathematics	№11 from 08.09.2017y	E.E.Nazarbayuly
13	Kostanay region, Nauruzum district, Dudinski district, Dudinskaya School	Mathematics	№31 from 13.10.2017y	Sh. D.Daurenovna
14	Kostanay region, Nauruzum area, the village Sholakshay, Solociccia	Physics	№4 from 08.09.2017y	T.A. Meirbekkyzy
15	Kostanay region, Fedorovsky area, Minsk secondary school	Computer Science	№ from 13.10.2017y	S.N.Kairollaevna
16	Kostanay region, Fedorovsky area, Minsk secondary school	Computer Science	№28 from 13.10.2017y	A.B.Muratovna

Satisfaction of employers with the level of training of students is estimated by questionnaire, according to the " Guide to the internal guarantee system quality", approved by the Scientific Council (prot. №2 from 28.09.16 y).

In ArkSPI developed Criteria for assessing the results of independent work students: the level of development of educational material, the ability to use theoretical knowledge in the performance of practical tasks, the ability to actively use electronic educational resources, find the required information, study it and apply in practice, the validity and clarity of the response and other quality Control teaching at the Institute is carried out both through mutual educational visits studies and analysis of the results of attendance and performance of students, midterm and final control, results of the state final certification on the studied disciplines at the level of the Department, Dean's office and Institute. The position of the "Criteria and methods assessment of knowledge of students " in the context of EP is available on the website of the Institute https://api.kz/images/files_institut/kafedra/Fizmat).

The Institute has developed the practice of conducting sociological surveys of students the subject of their satisfaction with the quality of education in General. The results of the surveys are one of the tools for gathering information and analyzing the activity of the higher educational institution of the university, are considered at the meetings of the administration.

Innovative technologies allow to expand the range of educational services high quality, and ensure its permanence from the moment of planning the training course completion: sign in to virtual classrooms that include viewing and access to EMCD (cases, lecture materials on the subject), increase the effectiveness of the passage of students exams and the effectiveness of the reverse communication for University teachers and students, etc. By the staff of the multimedia Department support of educational process and educational-methodical Department of the Institute the training seminar "Main characteristics and features" is held periodically preparation of video lectures", resulting in PPP accredited EP recorded 84 video lectures used in distance learning. Of these, EP Math-17 video lectures, EP Physics-33 and EP computer Science-46.

For the purpose of control of formation of competences of graduates on the application information technology training, skills to work with an interactive Board and other resources include meetings with alumni. Despite the rather a wide propaganda in the form of workshops and courses for faculty, practical application interactive teaching methods, modern educational and innovative technology needs to be improved. This problem was the subject of discussion at

the meetings of the Academic Council (prot. No. 8 25.02.2015, No. 8 of 24.02.2016, No. 9 of 01.03.17).

New methods of training are introduced based on the results of the courses qualification of SS "NCTF "Orleu", NC SOS "Nazarbayev intellectual school» PTSs are doing full-scale work on the organization of own research in the field of teaching methods of academic disciplines, scientific-pedagogical development of particular methods of teaching. So, for reporting period PTS accredited EP released about 33 teaching AIDS for Department of physics and mathematics and 22 teaching AIDS at the Department Computer Science, including those devoted to the study of teaching methods of individual disciplines'. For example, textbook Jaketova S. D. " English-Russian-Kazakh dictionary of mathematical terms", Aubakirova A. A., M. S. Kozhakhmet, Uspanova V. J. " Application of Critical Thinking Technology in Physics Lesson», Almatova A. M., A. B. Konusova " Methods of teaching Computer Science in 12-year schools ".

Analytical part

The EEC notes the respect and attention of the EP leadership to the various groups of students and their needs, providing them with flexible learning paths using different forms and methods of teaching and learning. A number of PTS carried out research in the field of teaching methods of academic disciplines EP.

The presence of a feedback system on the use of different methods of teaching and evaluation of learning outcomes, but the effectiveness of this system can be increase. Support for autonomy of students is observed at the same time guidance and assistance from the teacher. Procedures for responding to complaints students developed. Consistency, transparency and objectivity are ensured a mechanism to assess learning outcomes for each EP, including appeal. Procedures assessment of learning outcomes of students generally in line with EP plan learning outcomes and program objectives. Assess person trained in modern methods of evaluation of learning outcomes and regularly improve their skills in this areas.

Strengths/best practice

The mechanisms of ensuring the development of EP results by each graduate are defined training and provided the completeness of their formation.

The recommendations of the EEC

Continue to work on the feedback on the use of various teaching methods and assessment of learning outcomes on a systematic basis, understandable all participants of the educational process.

The conclusions of the according to the criteria

The conclusions of the EEC according to the criteria Estimated table Parameters "specialized freight profile" of the EEC notes the strong position of the accredited cluster of educational programs on 1 criterion, 9 criteria – satisfactory.

5.6. Standard “Learners”

The Evidence

Formation of a contingent of students is carried out during the year on the basis of the systematic professional oriented work of the Department of Physics and Mathematics and the Department of Computer Science. Working groups are created for visiting the schools and colleges of the town and the region. In 2014-2015 academic year the Department of Computer Science held an Open Day on the theme «Choice of profession is a responsible step», wherethe graduates of small schools of the region and urban schools took part. In 2015-2016 academic year, there was an Open Day with the alumni of the city schools on the theme «Choice of profession - a step into the future».

Members of the Admission Committee and teaching staff are responsible for professional oriented work, they participate in the meetings, discuss issues and specifics of

formation of a contingent, rules for admission. Testing of graduates of the nearby districts of the region is conducted, and trips to rural districts are organized to meet with school leavers. Enrollment to the Institute is annually carried out on the basis of the Model Rules of admission to the Organization of Education, realizing professional training programs of Higher Education (approved by the Resolution of the Government of the Republic of Kazakhstan dated January 19, 2012 No. 111). More information applicants can find out on the website of the institute (www.api.kz).

Since 2015, ArkSPI is a participant of the social project «Мәңгілік ел жастары – индустрияға» – «Серпін-2050». 107 students from the southern regions of Kazakhstan are trained on accredited EP. (table 4)

Table 4. Data on students, enrolled by the “Serpin” program.

Training form	2014-2015			2015-2016			2016-2017		
	Total	Grant	Agreement	Total	Grant	Agreement	Total	Grant	Agreement
EP 5B010900-Mathematics									
Full	20	20	-	10	10	-	10	10	-
Distance									
Total	20	20	-	10	10	-	10	10	-
EP 5B011000-Physics									
Full	17	17	-	8	8	-	12	12	-
Distance									
Total	17	17	-	8	8	-	12	12	-
EP 5B011100-Computer Science									
Full	18	18	-	9	9	-	3	3	-
Distance									
Total	18	18	-	9	9	-	3	3	-

All applicants enrolling at the ArkSPI are given equal requirements in accordance with the normative documents of the Ministry of Education and Science of the Republic of Kazakhstan. Informing students about the requirements for the content of the EP is carried out before the training, in the process of professional oriented work through the official website of the Institute, the media and television. An orientation week is held for newly admitted students, where introductory lectures are conducted, and students get acquainted with educational and methodological documentation. For example, on August 25-31, 2017, an orientation week was held for the first-year students of the accredited EP, where the curators of the groups introduced students with the material and technical base of the EP, the information and library complex, the laboratory complex.

At the beginning of the academic year the Office-Registrar annually conducts training seminars; where students examine issues of training in credit technology, GPA scoring, transfer from course to course, summer session, etc. The procedure for transfer and reinstatement of students is conducted by the Office-Registrar. The questions of academic achievements are regularly discussed at the sessions of the administration and the Academic Council.

The analysis of the formation of the contingent on the EP is annually carried out at the sessions of the Department of Computer Science, the Department of Physics and Mathematics, the Council of the faculty, the administration, and the questions of vocational guidance work, expansion of the geography of the students are examined. Thus, a comparative analysis of the number of students of the Arkalyk State Pedagogical Institute with a contingent of students from the Kostanay State Pedagogical Institute (KGPI) shows that in the academic year 2014-2015, the number of students in Mathematics and Physics in KGPI exceeded the number of students of the ArkSPI, but in 2015-2016 and 2016-2017 academic years the growth of the ArkSPI students is observed.

In order to facilitate the process of adaptation of first-year students, a reference book is developed and issued, which provides with full information about the institution (<https://api.kz/>).

Since the initial stage of education in the university plays a special role for the training of a future specialist, in order to monitor the adaptation and satisfaction of first-year students with the conditions of education and residence the "Student's Adaption in the Institute" questionnaire is traditionally conducted. In 2014-2015 academic year, the degree of adaptation of students to the training group was 88.8%; in 2015-2016 academic year - 86.4%; 2016-2017 academic year - 88.2%. In 2014-2015 academic year the adaptation of students to academic activity was 66.4%; in 2015-2016 academic year - 68.9%; 2016-2017 academic year - 66.6%. Need for additional consultations of teachers in subjects - 2014-2015 academic year - 11.1%; in 2015-2016 academic year - 12%; 2016-2017 academic year - 10.9%.

An "Adaptation Program for Foreign Students in the Arkalyk State Pedagogical Institute named after I. Altynsarin" is developed and approved by the Academic Council (draft No. 1, on August 26, 2016), which is available on the website (<https://api.kz/>). The program of adaptation of foreign students is designed for one year and has four stages. The main directions of the program are scientific, methodological, educational, psycho-pedagogical, socioeconomic. The main principles and forms of pedagogical activity in work with foreign students are determined. The work begins with the informational and organizational stage. Observation, questioning of students are conducted and according to the results of which the level of student's adaptation to the educational space and to a new socio-cultural environment is determined.

In order to implement the Strategy of Academic Mobility in Kazakhstan for years 2012-2020, an action plan of measures and "Regulations on the organization of academic mobility of students of the Arkalyk State Pedagogical Institute named after Y. Altynsarin" were developed. The agreements on academic mobility with 10 higher educational institutions of the Republic of Kazakhstan were concluded: the Kazakh State Women's Pedagogical University, Aktobe Regional State University named after K. Zhubanov, Zhetysu State University named after I. Zhansugurova, Semey State University named after Shakarim, Eurasian Humanitarian Institute, Taraz State Pedagogical Institute, Kostanay State Pedagogical Institute, South Kazakhstan State Pedagogical University. There are contracts with two universities in the far abroad: the National University of Y.A. Kamensky (Bratislava, Slovakia) and the University of St. Cyril and Methodius (Trnava, Slovakia).

For the development of academic mobility "Regulation on the procedure for credit transfer according to the type of ECTS approved by the Academic Council (draft No. 2, September 25, 2013), was developed and approved. This regulates the procedure for transferring loans and assessments of the European Credit Transfer and Accumulation System (ECTS) to loans and assessments of the RK and back. ECTS credit repayment is a tool to ensure national and international recognition of the educational curricula of the ArkSPI, as well as to ensure student mobility. Credit repayment is conducted on the basis of a transcript.

Students who are successful at "A", "A-", "B +", "B", "B-", and fluent in a foreign language, are given the opportunity to study programs of external and internal academic mobility. In ArkSPI, a commission is established to hold a competition among students who are applying for academic mobility.

The Office-Registrar conducts annual monitoring and analysis of academic mobility, the results of which are discussed at the sessions of the administration (Table 5).

Table 5. Information on the academic mobility of students accredited by the EP

No	Full name of the student	Course, semester	University	Type of academic mobility
2015-2016				
EP Mathematics				
1	Taukebai Shyringul	3 course, 6 semester	Taraz State Pedagogical Institute, Taraz	Internal
2	Aikyn Orken	3 course, 6 semester	Kostanay State Pedagogical Institute, Kostanay	Internal
2016-2017				

EP Mathematics				
1	Zhakypbek Ulzhan	3 course, 6 semester	Taraz State Pedagogical Institute, Taraz	Internal
2	Alikhanova Gulsanam	3 course, 6 semester	South Kazakhstan State Pedagogical Institute, Shymkent	Internal
EP Physics				
1	Baltabai Balausa	3 course, 6 semester	Taraz State Pedagogical Institute, Taraz	Internal
2	Tursynbek Alua	3 course, 6 semester	South Kazakhstan State Pedagogical Institute, Shymkent	Internal
EP Computer Science				
1	Zhumagazina Zhansaya	3 course, 6 semester	Kostanay State Pedagogical Institute, Kostanay	Internal
2017-2018				
EP Mathematics				
1	Saken Dinara	3 course, 6 semester	Kostanay State Pedagogical Institute, Kostanay	Internal
EP Physics				
1	Oralbek Balzhan	3 course, 6 semester	Taraz State Pedagogical Institute, Taraz	Internal
EP Mathematics				
1	Kasymova Akbota	4 course, 7 semester	University of St. Cyril and Methodius, Trnava, Slovakia	External

The ArkSPI cooperates with the *Bologna Process and Academic Mobility Center*. In order to ensure a comparable recognition of qualifications, the Office-Registrar monthly sends a report on the work on organizing the academic mobility of students, and takes part in seminars. The form and content of monitoring the results of mastering academic mobility programs are approximated to the conditions of professional activity, and allow assessing the ability of students for solving professional problems.

The most important component of the EP is professional practice. The sector of practice and employment of graduates is the structural division that oversees the processes of organizing and passing professional practices and employment. To assess the satisfaction of students in places and the organization of practice, a survey is conducted, the analysis of the results of the survey serve as the basis for improving the procedure for organizing and conducting professional practices. 87% of respondents were satisfied with the quality of methodological guidelines for organizing the practice, 92% confirmed the possibility of an integrated solution of all learning tasks provided by the practice based program, 85% were satisfied with the logistics of the practice base, 97% considered the effective organization of practice, 93% considered that theoretical knowledge obtained at the institute is sufficient for the practice, 80% preferred to continue their work in this organization in the future.

The process of employing graduates is regulated by the "Regulations on measures to promote the employment of graduates" (by the Academic Council Protocol No. 10 on April 20, 2016) (www.api.kz). A statistical analysis of the employment of graduates in the context of specialties is conducted on a regular basis, which indicates the number of graduates trained on the basis of the state order, including within the rural quota, and on a contractual basis.

The analysis of the graduates' satisfaction with the quality of employment is carried out on the basis of a survey conducted among graduates of the institute. According to the data on 2017, more than 80% of respondents expressed the opinion that the institution should help graduates in employment, with the opportunity of presenting the data on available vacancies (40%) and the possibility of personal communication with representatives of the education organizations (38%). More than 65% of respondents indicated that the institution provides support through personal employment, 77.5% - indicated that the institution promote the employment through annual "Job fairs".

One of the most common areas of extra-curricular activities of the institute is youth interest clubs and sports sections. Talented students take part and win prizes in extracurricular

activities of different levels. The students demonstrate their achievements in the republican Olympiads. In the 2015-2016 academic year, the students of the EP Mathematics Birmaganbetov S., Tolegen U., Absadyk S. participated in the Republican subject Olympiad held at the Khoja Akhmet Yassawi *International Kazakh-Turkish University*. In the academic year 2016-17, R. Chimbergenova, the student of the third year of the EP Physics took home first-place award in the contest of scientific projects of The *Foundation of the First President* of the Republic of Kazakhstan, etc.

On the basis of the sports complex of ArkSPI there are student sections for various sports (volleyball, football, basketball, table tennis, togyzkumalak). Students take an active part in large-scale events dedicated to the celebration of commemorative *events* in the *state's history*: Victory Day, Day of State Symbols, Constitution Day, Independence Day. The progressive youth of the Institute takes an active part in student forums, festivals, rallies and other mass events: forum "The values of the national idea Mangilik El" is the basis of the bright future of Kazakhstan's youth", "Symbols of the State", operation "Clean Coast", the action "Victory of the Leader of the Nation - this is our victory!", Flash mobs "The World without Nuclear Weapons", "Demand a check - be a patriot". Students take prizes in creative competitions of different levels: "Two stars", "Miss ArkSPI", Day of laughter, "Hello, we are looking for talents!".

In 2013 The Alumni Association of the Arkalyk State Pedagogical Institute was established. Activities of the Association helps to maintain and strengthen the corporate spirit for a worthy continuation of the university traditions. The Association assists graduates of the Arkalyk State Pedagogical Institute, creates opportunities for cooperation and promotes the strengthening of the university's position in the market of educational services. The Alumni Association takes part in joint scientific and practical conferences, seminars, round tables, in the employment of graduates. For example, students annually participate and share their best practices in the Republican scientific-practical conference "Tulegenov Readings", organized by the Department of Physics and Mathematics. Graduates Bayshugulova B., Myrzagalieva J. made presentations at a plenary meeting of the regional scientific-practical conference "Perspective directions of teaching sciences disciplines in English" (ArkSPI, November 30, 2017). Relationship with alumni of accredited EP is carried out also through social networks: Whatsapp, VK.com, instagram, facebook, twitter, mail.ru.

The program of pedagogical support of gifted students of ArkSPI is approved by the Academic Council (prot. № 9 from 26 March 2015). The main goal is to improve the system of work on psychological and pedagogical support for gifted students. The program is planned for years 2016-2020, and the Institute has sufficient material, technical and social opportunities for this purpose. The following areas of work with gifted youth are singled out: educational, research, public, professional, artistic, sports. The implementation of this program allows the improvement of educational and extracurricular work with gifted students, provides an additional opportunity for the students to receive qualitative education in a specialty, more complete development of their creative and intellectual abilities, and the most important – to identify gifted youth from the very beginning of education in the university, and support them after graduation.

The results of the questionnaire survey of the ArkSPI students confirm the data received during the commission's work. The assessment "completely satisfied" and "partially satisfied" with:

- the educational materials in the training process are given by 76% and 20.9% of students;
- the level of accessibility of library resources - 71.3% and 23.3%;
- the methods of teaching in general - 81.4% and 17.8%;
- the quality of teaching - 84.5% and 15.5%;
- the explanation of rules and strategies of the educational program (specialty) before admission - 80.6% and 16.3%;
- the provision of hostel 70.5% and 19.4% respectively.

Analytical part

EEC(ExternalExpert Commission) considers that it is satisfactory to conduct special adaptation and support programs for newly enrolled and foreign students, in accordance with the Lisbon Recognition Convention. The university is making attempts at organizing the cooperation with other educational organizations as The *Bologna Process and Academic Mobility Center* (national center of "European Network of Information Centres in the European Region for Academic Recognition and mobility / National Academic Recognition Information Centers in the European Union »ENIC / NARIC) in order to ensure comparable recognition of qualifications. Members of the confirm the existence and use of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and informal training, but believes that it is necessary to update the program on internal and external academic mobility of students. The university provides graduates with documents confirming the received qualification, including the results achieved in training, as well as the context, content and status of the received education and evidence of its completion. The employment and professional activities of graduates of the EP are systematically monitored.

Strong sides / best practice

- the policy of formation of a contingent of trainees in the context of the EP from reception to completion, ensuring the transparency of its procedures
- the procedures of regulating life cycle of students (from reception to completion), are identified, approved and published
- the provision of places to practice for students, *job placement assistance of graduates*, the stimulation of self-education and development of students outside the mainstream programs

EEC Recommendations

- to develop a program for the implementation of internal and external academic mobility of students.
- to support gifted students in systemic basis, create a database of gifted students.

Conclusions of the EEC on the criteria: (strong / satisfactory / requires improvement / unsatisfactory)

Notes that according to the rating table "Parameters of a specialized profile" the criteria of the accredited cluster educational programs were distributed as follows: 4 criteria have strong positions, 7 criteria – satisfactory positions, 1 position requires improvement.

5.7. Standard "Teaching staff"

The Evidence

Personnel policy of the ArkSPI is reflected in the "Regulation on personnel policy" approved by the Scientific Council of the Institute (Protocol № 1 of 31.08.2017). "Regulations on personnel policy" is publicly available on the website of the university (<https://api.kz>). The main provision of the personnel policy is the construction of an effective system for the formation of a qualitative composition of TS and staff in a constantly accelerating process of updating knowledge. Institutional management policy is carried out within the framework of the principles: democratic approach to the management of TS and staff; a combination of interests of management team and a managed subsystem; availability of management; compliance with parity; stimulating TS and staff; personal improvement of TS and staff.

The admission and dismissal of the teaching staff at the institute is carried out in accordance with The Labor Code of the Republic of Kazakhstan from 23 November, 2015 No. 414-B and Regulations on competitive replacement of posts of the faculty and scientific workers, approved by the Rector of the Institute.

In terms of experience, scope and quality of teaching, the requirements are defined by the "Model Qualification Characteristics of the Positions of Teachers and Equated Persons" (Order No. 338 of the Ministry of Education and Science of the Republic of Kazakhstan of July 13,

2009), "Regulations on the Assessment of the Quality of Educational Programs" approved by the Academic Council (prot. No. 9 of March 24, 2016), "Guidelines for the Internal Quality Assurance System" approved by the Scientific Council (prot. No. 2 of September 28, 2016). "Guide to the internal quality assurance system", approved by the Academic Council (prot.No2 of September 28, 2016). Competitive selection for filling vacancies is carried out in accordance with the education, professional and personal quality, as well as compliance qualification requirements of candidates. Appointment and promotion are carried out on the basis of the order of the rector of the institute, taking into account the professional competence of TS and staff. The replacement of vacant posts of teaching staff and scientists is carried out through competitive selection on the basis of the "Regulations on Competitive replacement of teaching staff and scientific workers", approved by the Rector on June 5, 2017.

The qualitative composition of the TS meets the indicators of the personnel policy of the Institute. Transparency of personnel procedures is provided (access to documents by job descriptions of employees of the department, determining responsibilities, job responsibilities and qualification requirements to the teaching staff of the department, their rights rules of operation), developed in accordance with the quality management system of the ArkSPI job descriptions. The employee can get acquainted with orders for recruitment, transfer and dismissal at the HR department.

Analysis of compliance of TS with the qualification requirements of the legislation of the Republic of Kazakhstan is conducted by the HR department once a year. As the results show, the TS of accredited EP fully meets the qualification requirements of legislation of the RK. During the reporting period, it was revealed that the degree of accreditation of the accredited EP is: according to EP Mathematics - 37.5% (3 candidates of sciences, 1 professor, 2 associate professors, 4 master's), according to EP Physics - 30% (3 candidates of sciences, 2 professors, 2 associate professors, 7 masters), in EP Computer Science- 26,6% (4 candidates of sciences, 3 professors, 1 assistant professor, 7 masters).

The competence model of the Institute's TS was approved by the Academic Council (No.1, August 31, 2017). Transparency of personnel procedures is ensured by internal regulatory documents, rules of corporate ethics. The TS has full access to the management of the institute and department, as well as regulatory and legal activity documents.

In order to ensure the observance of labor and social guarantees for workers, to create favorable conditions for work, to ensure stability and efficiency of work, to improve the living standards of employees, and to ensure mutual responsibility between the staff and the management of the university, the Collective Agreement was concluded and the Rules of Internal Labor Regulations were developed. The main points of creation of favorable working conditions are: stable financial position of the organization; observance of rights and interests protected by the Law; provision of social and legal guarantees; consideration of workers' appeals in a short time; taking measures to improve the living conditions of workers; ensuring the annual medical examination; prevention of conditions declining the situation of employees not covered by the labor legislation of the Republic of Kazakhstan and the collective agreement; maintenance of documentation related to the work activity of employees; ensuring equal pay for work of equal value; timely payment of labor; safe working conditions; the provision of work due to the employment contract; providing with computers, and other means necessary for the performance of labor duties; raising the professional level of employees; implementation of a program for the social protection of workers and their families; compulsory social insurance of employees. Taking into account the specifics of the EP Computer Science, it is obligatory to provide with multimedia complexes.

Information on personnel reshuffles and upgrading of qualifications of the teaching staff is available on the university's website. The staff potential of the TS corresponds to the strategy of the ArkSPI and the specifics of the accredited EP. The need of EP in the TS is determined on the basis of content of general educational, basic, profiling disciplines and a contingent of students. This is satisfied by the consolidation of disciplines for the TS, depending on the level of

gradualness, qualifications and work experience and specialization of the TS. The TS is actively participating at development of EP through the implementation and correction of the EP development plan.

Training and development of personnel is one of the strategic tasks of development of the Institute. Every year an individual development plan of TS and staff is prepared by the specialists of the HR department. Plans considered and approved by the Academic Council on basis of data, provided by structural divisions and departments of the institute. Preparation and the professional development of the teaching staff is mainly carried out through doctoral studies, master's courses, short-term courses and internships in leading universities of Kazakhstan and abroad. Formation of scientific and pedagogical personnel is carried out through training PhD and masters at targeted doctoral studies, magistracies in the best educational centers of Kazakhstan (Table 6).

Table 6. Information on the preparation of PhD, masters

Educational organization	Full name	Master's Courses		Doctorate PhD	
		Training period	Specialty	Training period	Specialty
ENU named after L.N. Gumilev	Yeskermessuly A.			2014-2017	6D060100-Mathematics
	Aubakirova A.A.	2012-2014	6M011000-Physics		
	Sokabayeva A.Sh.	2014-2016	6M011000-Physics		
	Uspanova V.Zh.	2013-2015	6M011000-Physics		
	Karimova D.M.	2013-2015	6M010900-Mathematics		
KazNPU named after Abay	Abildayev G.M.	2013-2015	6M011000-Physics		
	Zhamalova S.A.	2014-2016	6M011000-Computer science		
	Azhibekova P.S.	2014-2016	6M011000-Computer science		

Particular attention is paid to the professional development of young teachers. Leading senior teachers are involved in mentoring process of newly appointed teachers, young teachers can be sent to the targeted magistracy and advanced training, they visit open lessons, master classes and lectures conducted by experienced teachers, joint research activities through the publication of scientific articles are organized, also they are involved in project work with students, guidance of circles and problem groups.

Young teachers also attend scientific seminars. The solution of social problems of young teachers does not remain out of sight of management. The possibilities of housing provision are considered for nonresident specialists. These areas of the university's activity in the development of young teachers contributed to a significant increase in the number of full-time teachers with an academic degree of Masters of Science. In 2016-2017 academic year the Department of Physics and Mathematics hired a young specialist, Master Sobaabayeva A.Sh. In 2017-2018 academic year the Department of Physics and Mathematics hired a young specialist, master Yerik G. In the academic year 2017-2018, Department of Computer Science hired a young specialist, master Ilubaev M.A., etc.

The administration of the university aims to create conditions for initiative and creative activities of the teaching staff, taking into account their individual characteristics and skills. The TS Advanced Training Plan is annually compiled. The training and professional development of

the teaching staff is carried out through doctoral studies, short-term courses and internships in leading universities of Kazakhstan and abroad.

The promotion of the TS is carried out through the awarding of letters of thanks and appreciation, valuable gifts, giving the bonuses on professional and public holidays. The Institute provides financial assistance on the basis of submitted applications, the procedure for provision of which is approved in the "Regulations on bonuses, surcharges, allowances and other incentive payments made from extra budgetary funds" (https://api.kz/images/files_institut), approved by the Academic Council (protocol.6, 13.01.2012). Advanced training of the teaching staff is carried out through constant updating of theoretical and practical knowledge, for example, acquaintance with Kahoot, Ispring Free, Quiz Maker, INSERT, Jigsaw, Cluster, acquiring and improving the skills of conducting educational work, improving pedagogical skills, gaining additional competencies, etc.

Also, domestic and foreign scientists are invited in order to improve the qualifications of the teaching staff. So, from October 21 to October 29, 2016, the TS of accredited EPs listened to the course of lectures by Professor Jan Danek (University of St. Cyril and Methodius, Trnava, Slovakia) on the theme "Philosophy of Education in the context of Globalization and European integration processes", and from December 12 to December 19, 2016 - Professor Ibrahim Atalaya (Mehmet Akif Ersoy University, Burdur, Turkey) - on C "Education for Sustainable Development: Theory and Practice of Higher Pedagogical Education".

Within the framework of preparation by domestic and foreign specialists in the field of the best international standards of management and training of pedagogical specialties from October 23 to November 24, 2017, the Ministry of Education and Science of the Republic of Kazakhstan on the basis of the ArkSPI organized trainings on topics "Trilingual education", "Management in education", "Inclusive education", "Development of teacher's research activities", "Updating the content of secondary education", according to which 8 teachers of accredited EP (Kozhakhmet M.S., Sadykova B.S., Dzhaketova S.D., Akhatova Zh.E., Zhamalova S.A., Baizakova S.S., Alieva G.S., Shongalova K.S.) have received certificates. TS have the following awards: medal A. Nobel (RAE, Moscow, Russian Federation) - Umbetov A.U. (2014); A Letter of Thanks of the MES RK - Almatova A.M. (2016); Certificate of Honor of the MES RK - Zhumabaeva S.B. (2017).

As a result of the teaching staff questionnaire, the experts received the following data:

- the quality of the university's provision of opportunities for continuous capacity development, the TS responded "excellent" - 54.8%, "good" - 35.5%.
- medical points and classrooms - 65.6% and 33.3%;
- the availability of necessary scientific and educational literature in the library for teachers - 51.6% and 44.1%;
- the involvement of the TS in the process of taking managerial and strategic decisions - 44.1% and 48.4%, respectively.

Analytical part

confirms the objectivity, transparency of the personnel policy in the context of the EP. The process of changing the role of teachers in connection with the transition to a student-centered teaching is considered as satisfactory.

notes the certain contribution of the TS of the EP at implementation of strategic documents, involving in the teaching of school teachers, but this work should be continued. Since the active use of innovative technology by TS is important for the organization of a qualitative educational process, work in this direction should be continued, and in connection with the availability of obsolete equipment on some sections of experimental physics, it is necessary to consider the possibility of conducting the laboratory classes on the basis of schools equipped with modern equipment. Within the framework of accredited EPs, notes the existence of an academic mobility of students, but considers it insufficient. It is necessary to improve the activities of the leadership of the EP on the motivation of professional and personal development

of teachers (for example, encouraging the integration of scientific education, as well as the use of innovative teaching methods).

Also believes, what, despite the development of staffing potential of accredited EP, work in this direction should be continued.

Strengths / best practice

- awareness of responsibility for workers and the provision of working conditions;
- providing opportunities for career growth and professional development for the teaching staff, including targeted actions to develop young teachers;
- involvement of the TS accredited EP in the life of society.

EEC recommendations

- to promote the provision of TS information on the possibilities of incoming and outgoing academic mobility.
- develop the system rating assessments activities PTS (on basis KPI), by results which endure solutions about rewarding and encouragement.
- consider the possibility of conducting practical and laboratory classes at the base of schools.

Conclusions of the EEC on the criteria:

Notes that according to the rating table "Parameters of a specialized profile" the criteria of the accredited cluster educational programs were distributed as follows: 4 criteria have strong positions, 5 criteria - satisfactory, 3 positions require improvement.

5.8. Standard "Educational resources and student support systems"

The Evidence

The Institute ensures compliance with safety requirements in the training process - there are conclusions on fire safety, compliance with SES standards, the protection of existing premises is being implemented, and the entry permit is in effect.

Informing and counseling students is conducted during the introductory weeks, conversations with curators, meetings with deans. TS chairs provide counseling for the choice of elective disciplines.

The trainees are provided with necessary living conditions, a cultural environment, and conditions for playing sports. The Institute has two educational buildings with a total area of 13,268.27 m², - two Students' houses with a total area of 8,088.66 m² for 497 seats, information and library complexes (including the reading room "Electronic resource Centre", reading Hall of periodic editions, 2 reading halls of educational-methodical literature, a reading room of foreign literature, reading rooms "Media Center" and "Videoclass", subscription), a sports and a recreational complexes (including a football field, a basketball field, a track and an athletics track, 2 gyms, a sports hall, a tennis hall, 1 wrestling hall), a dining room, a medical office. The Institute has more than 440 units of modern computer equipment, united in a single local network and having free access to the Internet. Currently, the Internet is connected with a speed of 120 Mb / s, the traffic volume is unlimited. The Institute is the only owner of a fiber-optic network in the city. The computerization of the educational process was brought to the level of 1 computer for 3 students on average by the contingent of students on January 1, 2018. There are 10 computer classes, 3 electronic reading rooms, an electronic touch information kiosk, Wi-Fi zones, IP telephony, and a videoconferencing system. The absence in the city of the possibility of connecting to 4G on personal telephones and the lack of the possibility of carrying out optical fibers outside the institute reduces the possibility of access of students to educational resources.

The Institute has its own educational website with the domain name api.kz, the site of the automated information system "Platonus" platon.api.kz, the distance learning site mdl.api.kz. electronic library lib.api.kz.

In order to create information databases in the Institute, the following AIS and software are used:

Platonus - AIS PLATONUS in ArkSPI named after I. Altynsarin, includes the subsystems of administration of students, supports in the educational process and integrated systems, promotes effective and optimal organization of credit technology in the university. (Office-Registrar)

Moodle is a learning technology implemented with the use of information telecommunication means with the indirect (in the distance) or not completely mediated interaction between the trainee and the pedagogical worker (Center for Information Technologies and Software).

1C: Accounting is one of the most popular solutions for the automation of accounting. It is intended for automation of accounting and tax accounting, including the preparation of mandatory (regulated) reporting in the organization. (Accounting)

1C: Enterprise - software product of the company "1C", designed to automate activities in the enterprise. (Department Frame)

Anticorruption portal - Fighting corruption is a nationwide task. On December 26, 2014, there was adopted the Decree No. 986 of the President of the Republic of Kazakhstan "On the Anti-Corruption Strategy of the Republic of Kazakhstan for 2015-2025." The goal of the Strategy is to increase the effectiveness of the state's anti-corruption policy, to involve the entire society in the anti-corruption movement by creating an atmosphere of intolerance towards any manifestations of corruption and to reduce the level of corruption in Kazakhstan. (Center for Information Technologies and Software)

Irbis64 is an automation system designed to create and maintain an electronic library. (Library)

The electronic library is an ordered collection of diverse electronic documents (including books, magazines). (Library).

The purpose of the information and library complex is to satisfy the needs for information sources and the active introduction of information and computer technologies in all areas of library and bibliographic activities.

The total area of the library's premises is 772.2 square meters. The area of the book depository is 108.7 m². The area of the subscription is 151.9 m². There are 220 seats in the library's reading rooms. 1 seat accounted for 6 students of the given contingent.

The foundation of the library is formed in accordance with the curricula and programs, the file cabinet and the information requests of the readers. The department of acquisition and formation of the fund collects applications from the departments, analyzes the document flow on the profile of the university. The profile of the collection of the library fund is determined by the list of specialties, academic disciplines and the subjects of scientific research of the institute.

The library's fund consists of classical and modern domestic and foreign publications - basic educational, educational-methodical, and scientific, fiction, periodicals, and electronic publications.

The book fund of the ILC as of January 1, 2013 is 275,116 copies. The library's fund annually increases by an average of twelve thousand copies of publications. For the period from 2015 to 2017 (inclusively), the book fund increased by 37 257 copies. In the 2017 academic year, the ILC documentary fund replenished 12,338 copies, the renewal rate of the fund was 4.5%.

To ensure the access of students and teaching staff to the universal information full-text databases (to the Thomson Reuters Web of Science information database, the SpringerLink database containing the full-text articles of Springer Nature's Complete Collection), the ArkSPI library under contract No. 193 of June 19, 2017, works with the National Center for Scientific and Technical Information of the Republic of Kazakhstan.

In January 2017, the electronic resource center of the ILC jointly with the Department of Scientific Work and International Cooperation held a series of seminars for teachers of the

Institute's departments on registration and work with the above-mentioned databases. As a result of this work, 78 accounts have been created, 170 people have been signed. Monthly statistics on the use of TS and students of the institute by these databases are given in the NCSTI.

ArkSPI is also a full member of the RIEL (Republican Interuniversity Electronic Library, contract No. 8 of January 1, 2017, is updated annually), there is a remote access to the electronic resources of the DB ELS "Lan", St. Petersburg (agreement No. 1 of 03 March 2014), to the DB of the Scientific Electronic Library LLC in Moscow (license agreement No. 2448-10 / 2016K of October 17, 2016), to the electronic library resources of the Kostanay State Pedagogical Institute (annual renewal of the agreement).

The share of annual expenses for replenishment of the library fund (tenge) in 2015 is 14.4 million tenge , in 2016 - 10.4 million tenge, in 2017 - 20, 1 million tenge.

The total book-supply per student of the given contingent (1342 students) is 205 copies, the total book-supply of educational and scientific literature per student of the given contingent is 173.2 copies. The number of own editions of textbooks and teaching aids of the faculty of the Institute that entered the ILC for the period from 2015 to 2017 is 178 titles (1,659 copies), of which 1,356 copies in the state language, in Russian - 204, in a foreign language - 99 copies.

In the Institute, a fund of electronic literature is being formed - 24,334 copies, of which 15,161 in the state language, 5,978 copies in Russian, and 3,195 copies in a foreign language.

The "Bulletin of New Receipts" is regularly published in printed and electronic form. In order to provide bibliographic information in the library, in September it is customary to hold exhibition-previews of new literature received at the beginning of the academic year. All readers regularly receive advisory assistance in working with the library's reference and search apparatus, in selecting literature for seminars, essays, course, diploma theses, and international scientific and practical conferences. Also, since 2016, ILC has the pages in social networks "In contact", "Twitter" and Instagram.

The availability of the disciplines with educational and methodological literature is 100%, of which on digital media is from 69% to 100%.

All literature arriving at the library through the AIS "IRBIS-64" timely passes registration and operational cataloging. The information and library complex have 46 personal computers, including 37 computers in reading rooms and delivery desks, in a media room, 9 computers in a book fund, 12 netbooks, 1 multimedia system (buffer, projector, laptop , portable screen), 12 e-books, 1 tablet, 5 multifunction devices, 3 flatbed scanners, 10 DVD-players, 2 TV sets, 1 music center.

The IBC Service Department uses computer technologies to work with readers, to promote the information potential of the library. Among the readers are popular the virtual book exhibitions, book-trailers, book-crossings, etc. So, in 2017 the following was held: "The first step to the profession": the traditional month of the freshman, literary and musical evenings for the state holidays of the Republic of Kazakhstan, thematic reviews "The Day of the First President of RK", Days of the Departments, Days of Information, discussions on the basics of information culture, use of SPA and many others.

A series of events was also held within the framework of the Republican action "One country-one book". An effective form of disclosure of the book fund was the practice of organizing subject views to scientific conferences. More than 1400 people visited subject views, 2500 copies of literature and periodicals were exhibited, more than 5,700 copies were viewed.

On an ongoing basis, directional signs-navigators, bibliographic and bio bibliographic indexes are being published in editorial department of ArkSPI, and work on the filling with the material ILC pages on the website of the ArkSPI is being carried out. (www.api.kz).

Analytical part

EEC confirms the presence of responsible persons and systems of support for students, including the support through the university's website.

Members of the EEC note the lack of a systematic approach to conducting a check on the plagiarism of the graduate work of students. In the process of the survey it was found that a check on plagiarism is conducted by individual teachers, there is no institutional practice of concluding contracts for this type of evaluation of the thesis. The Commission emphasizes that the implementation of the anti-plagiarism system will positively influence the quality of education in the context of the EP.

During the visual inspection and analysis of the documents, the verified that the library fund is equipped with editions of educational literature according to the direction "Education" on the basis of the curricula and programs of all specialties recommended by the teachers of the departments, and also taking into account the readers' requests - corresponds to the qualification requirements of the Ministry of Education and Science of the Republic of Kazakhstan.

In the course of the interview, a general increase in the use of the Library and a significant increase in the use of electronic resources, such as e-books and online magazines were noted. Interviews and open conversations with teachers showed that they are satisfied with the resources and services offered through the Information and Library Complex.

Strengths / best practice

- sufficiency of material and technical resources and infrastructure;
- the presence of a support system for students.

Recommendations

- to organize work on the examination of research results, graduate works on plagiarism.
- to preview in the development plan of accredited EPs the purchase of equipment and software, similar to those used in modern schools (in particular, to plan the purchase of laboratory equipment for physics, which is used in modern physics classrooms).

Conclusions of the EEC on the criteria:

Notes that according to the rating table "Parameters of a specialized profile" the criteria of the accredited cluster educational programs were distributed as follows: 2 criteria have strong positions, 6 criteria - satisfactory, 1 position require improvement.

5.9. Standard "Public Awareness"

The Evidence

Public information is provided through the activities of the Information and Library Complex, which, as a regional methodological center, assists the school libraries of Arkalyk and the Arkalyk region. School teachers and students of schools in the Arkalyk region are given the right of free access to information resources and library services of the ArkSPI.

To inform the public, the institute actively uses the opportunities of the media center. Also the Institute uses various social networks to inform students as well as applicants in the context of career-oriented work aimed at attracting students and forming the image of the university.

ArkSPI has a website www.api.kz that supports the mission, goals and objectives of the university. The Institute's website provides an official presentation of information about the Institute on the Internet, expands the market of educational services of the Institute, acquaints the students, employees, applicants, business partners and other interested users with various aspects of the Institute's activities, improves the efficiency of interaction of the Institute with the target audience. Also, the Institute has created an anti-corruption portal, in order to fight against corruption.

Official website www.api.kz functions in three languages (Kazakh, Russian, English). The website contains information for applicants: admission rules, specialties, code of honor of the students, code of honor of the teacher. Also you can find out an information on the activities of the institute and the implementation of the EP, the results of the implementation of the university strategy, quality assurance policy, teaching, training, evaluation procedures,

qualifications awarded, information on passing scores and educational opportunities provided to students, and employment opportunities for graduates.

To receive feedback from the public the rector's blog is also used, where all respondents can send questions, including external ones (<http://api.kz/index.php/blog-rektora>); questionnaires, polls for trainees, TS and staff are conducted (<http://www.api.kz/prosy-list/>). The university's audited financial statements are published annually. (www.api.kz). The pedagogical community is actively engaged in activities conducted by the institute.

The Institute conducts an active policy to clarify the State Policy, Addresses of the President of Kazakhstan and the Government Programs.

On January 15, 2018 in the ArkSPI there was a discussion of the Message of the President of the Republic of Kazakhstan Leader of the Nation N.A. Nazarbayev to the people of Kazakhstan "New opportunities for development in the conditions of the fourth industrial revolution". The reports were made by the dean of the faculty of history and art G. Konkina, secretary of the Arkalyk maslikhat G. Eltebaev. The participants of the event were the TS and students of the ArkSPI, teachers of the city. <https://www.youtube.com/watch?v=VQTME0-DL0A>

Comments on the program article of the President of the Republic of Kazakhstan "A look into the future: modernization of public consciousness» were published in the media:

- a response of the Director of the Department of Academic Affairs of the ArkSPI, Antaeva A.S. - https://www.youtube.com/watch?v=Y-OK6_WZGMM

- a response of the Dean of the Faculty of History and Art of the ArkSPI, Konkina G.S. - <https://www.youtube.com/watch?v=GuoWVKWsb3I>

- a response of the Head of the Department of Physics and Mathematics, Zhumabaeva S.B. - <https://www.youtube.com/watch?v=8Rd9oxunawY>

- Article "The adjusted strategic course" in the city newspaper "Arkalyk Khabary", 14.04.2017 - the response to the Address of the President of the Republic of Kazakhstan to the people of Kazakhstan "Third modernization of Kazakhstan: Global competitiveness", candidate of pedagogical sciences, associate professor of the ArkGPI Koldasbaeva Z.Sh.

- "Urgency of the moral education of youth in the era of global change" city newspaper "Torgay", September 29, 2017 – the response of the senior lecturer of the Department of Physical Culture and Sports of the ArkSPI, Rasulov S. on the program article of the President of the Republic of Kazakhstan "A look into the future: modernization of public consciousness».

Top managers of the university published materials on the transition to the Latin script and the development of the state language.

- Republican newspaper "Егемен Қазақстан", November 3, 2017, «Өрісіміз кеңейсе, өреміз биіктейді» - article of the rector of the university Kuanyshbaev S.B.

- Regional newspaper "Қостанай таңы" November 3, 2017, G. Mukhambetkереуев's article "Латын әліпбиі - ұлт болашағы".

- City newspaper "Торғай" November 3, 2017, "Латын әліпбиіне көшу - маңызды зор кадам".

The university is the cultural center of the city and actively informs the public about the events held in it. In particular:

- On December 21, 2017 in ArkSPI took place the Rector's Ball - a traditional event of the institute, which sums up the results of the year, the work done and those who glorify the name of the university in various directions are awarded. The akim of Arkalyk Amantai Balgarin, the general director of LLP "Aljuminstroy" Abay Mukanov, the director of LLP "Torgai LTD" Marat Santemirov, the deans of the faculties and the heads of the departments were the Special guests of the "Rector's Ball-2017". Information about the Rector's Ball is available for public access (Rector's Ball 2017 - <https://www.youtube.com/watch?v=WotlhHJmGCw>)

- On April 26, 2017, festive events dedicated to the 45th anniversary of the educational institution were held at the ArkSPI. A forum on the theme "ArkSPI named after I. Altynsarin: a

new strategic course of development" was conducted in the assembly hall of the main building. The graduates of the ArkSPI of past years came to Arkalyk to congratulate their AlmaMater. On three floors of the main building there were exhibitions on the topic "Achievements of the departments of the Institute", a creative exhibition of the works of the Department of Music and Art, an exhibition of Information and Library Complex. As part of the festive events, anniversary meetings were held at the faculties with the participation of students and graduates of the university on topic "Competitiveness as a strategic quality of the future teacher's personality».

- Another planned part of the holiday was the planting of trees on the Alley of Graduates. The official congratulatory part was followed by a concert, prepared by the staff and students-activists. <https://www.youtube.com/watch?v=PfaYGFkWT38>

- On the eve of the celebration of Independence Day of the Republic of Kazakhstan on December 15, 2017, in the sports hall of the second building of ArkSPI was held the grand opening of table tennis competitions for the "Rector's Cup-2017" among the students of the university and colleges of the city, in which also took part the team of the Chelyabinsk State University, Zharkain region and the team of akimat of Arkalyk. <https://www.youtube.com/watch?v=K0Un8VBVxd4>

- On December 12, 2017, the administration, the TS and the staff of the ArkSPI participated in a ceremonial event in the Young Spectator's Theatre dedicated to the Independence Day of the Republic of Kazakhstan. Akim of Arkalyk Amantai Balgarin, representatives of law enforcement bodies, heads of enterprises, organizations and institutions were invited to the event.

РуханижаңғырумәңгілікелтұғырыТәуелсіздік -
<https://www.youtube.com/watch?v=YSEVbih0n5g>

Materials about the educational process in the university are also published on a regular basis. For example:

- "The best teacher of the Institute-2015" city newspaper "Torgay", 12.02.2016. Article on the best teacher of the university in 2015, the head of the Department of Music and Arts Turikpenova S.Zh

- "The twentieth anniversary of the Department of Physical Culture and Sports ArkSPI" city newspaper " Torgay" 11/28/2014 - Article on the regional scientific and practical conference in the ArkSPI "Teaching physical culture in modern scientific developments: the state, prospects".

- "On the preparation of pedagogical staff" city newspaper " Torgay", July 29, 2016, Article of the pro-rector of the ArkSPI Musabekova G.A. on the training of teachers.

- Interview with Eva Smetanova about PaedDr, PhD of the University of St. Cyril and Methodius (Trnava, Slovakia) about the purpose of coming to the Arkalyk State Pedagogical Institute named after I. Altynsarin, about the teaching methodology in the university, general impressions about Kazakhstan. (<https://www.youtube.com/watch?v=ebeiMcnWucU>)

- City newspaper "Arkalyk Khabary", November 3, 2017. "Роботытехника – заманталабы" - on the methodology of working with the modern course of robotics, author G.Mikhityly.

- City newspaper " Torgay", September 29, 2017. "Жаңабілімберудегімұғалімніңшеберлігі" on the development of the professional competence of the teachers, the author G.S.Shtatabaeva.

- City newspaper "Torgay", September 29, 2017. "Бәсекегеқабилеттікәсібимамандаярлау - уақытталабы" - the preparation of a competitive specialist is the requirement of the time. Author G. Aydarov.

- City newspaper " Torgay", June 23, 2017 "Заманауи дамудың дара жолы" - a special way of spiritual revival "Рухани жаңғыру" author E.Kh.Анарін.

- Regional newspaper "Қостанай таңы", June 2, 2017 "Білімсалтанаты - табыскілтi" - about the modern development of higher education and the prospects for the development of the institute. Author - S.B.Kuanyshbayev

The Institute actively conducts activities aimed at increasing the professional competence of teachers in the region:

- On December 8, 2017, the International Forum "Polylingual Education: Theory and Practice" was held at the ArkSPI, where scientists, researchers, teachers, students were invited. The forum discussed issues of modernization of the content of education in the Republic of Kazakhstan, the introduction of three languages in kindergartens and higher education institutions, the formation of a competitive personality of students on the basis of expanding opportunities for entry into the information space, and international experience in implementing these issues in higher education. (https://www.youtube.com/watch?v=R7jUfrII2_w)

- On December 6, 2017, the ArkSPI conducted a seminar for teachers of Arkalyk schools on theme "Updating the content of secondary education in methods of teaching and methods of training." The aim of the seminar is to attract teachers and schoolchildren to research in the field of robotics, exchange of technical information and initial engineering knowledge, development of new scientific and technical ideas. Participants of the event- TS and students of the ArkSPI, teachers of the secondary schools of Arkalyk. (<https://www.youtube.com/watch?v=-DsfGMi1f0w>)

- • On December 11, 2017, a forum of rural youth "My native land is my homeland" was held on the basis of ArkSPI , dedicated to the Day of the First President. The main goal of the Forum was to remind that such values as patriotism, and morality, interethnic harmony and tolerance, physical and spiritual development, and law-obedience should become the true guidelines of student youth. Participants of the event were the students of the ArkSPI and the colleges of the city, akim of the Arkalyk, representatives of the education department, the Center for Youth Initiatives. (<https://www.youtube.com/watch?v=4XpEvNIALqI>)

Analytical part

notes the high activity of the Institute as a cultural and social center of the city, emphasizes the active involvement of the pedagogical community in the activities carried out by the institute. The presence of a media center gives an opportunity to promote professionally developed media materials about the university for the general public.

The Commission notes the systematic work on the placement of information on the site. Including audited financial statements and information on accredited EP, which allows to ensure transparency of activities.

At the same time, the commission notes that the information in the context of the personalities on the website is not fully presented. In this regard, it is possible to supplement the summary of teachers of the EP cluster with information about the courses being read, the programs for raising the level of professional skill, published publications, and scientific interests.

The Institute provides active media presence in the region, takes an active part in explaining the President's Addresses and government's programs, and ensures the dissemination of relevant information in the framework of educational programs.

The Institute supports the implementation of various forms of external evaluation within the framework of implemented EP.

Strengths / best practice

- Active media presence in the region.
- Placement of audited financial statements on the Institute's website.
- Wide involvement of the pedagogical community in the activities carried out by the Institute.

Conclusions of the EEC on the criteria:

Notes that according to the rating table "Parameters of a specialized profile" the criteria of the accredited cluster educational programs were distributed as follows: 4 criteria have strong positions, 9 criteria - satisfactory.

5.10. Standard “Standards in the context of individual specialties”

The Evidence

Obligatory component of training bachelors of education is the theoretical training in the field of psychology, the formation of skills in communication, analysis of personality and behavior, methods of preventing and resolving conflicts, motivating learners. The solution of this task is provided by studying the basic discipline of the obligatory component "Psychology" (3 semester, 2 year).

The competence of the graduates of the EP in the field of communication technologies is formed within the mandatory discipline of the cycle of the SOD "Information and Communication Technologies", which has been taught since 2016, in English (3 semester, 2 year). The TS of EP use tests in Quiz Maker, Kahoot, Plickers.com, Cam Studio, Free Make video, Quiz Free Maker, iSpring Free.

The elective discipline "New technologies in education", developed on the basis of the programs of the Nazarbayev Intellectual Schools (7 semester, 4 year) is included in all accredited EP. The main contents of the discipline "New technologies in education" are: new approaches in teaching and learning, teaching critical thinking, evaluating for learning and evaluating learning, using ICT in teaching and learning, teaching talented and gifted students, teaching and learning according to age, management and leadership in training. Discipline presupposes the setting of a SMART goal, drafting of associograms, the taxonomy of Bloom, Case-study.

The methods used to organize student's independent work (hereinafter - the SIW) are aimed at developing the ability of students to work with educational literature and primary sources, electronic catalogs, libraries and Internet sites. The use of assignments of a practical nature forms a creative approach to their implementation, readiness for future pedagogical activity, the ability to use theoretical material in practice. The most effective methods of organizing SIW are the method of designing (individual, group), writing essays, compiling annotations, summaries, reference diagrams, glossaries, preparing presentations, portfolio, solving situational problems, developing plans and scenarios of educational activities. The competencies formed during the implementation of the SIW include, among other things, self-study skills.

Within the framework of the EP, emphasis is placed on various types of practices - the mutual attendance of lectures, practical and laboratory classes, open classes at the department level, faculty and institute level. Webinars, seminars, master classes are held to discuss the effectiveness of applying the latest teaching methods and technologies. For example: a webinar on the topic "Information technology and open education" (April 2017), which was organized and conducted by the master Jaketova S.Zh. and doctor of pedagogical sciences Professor of Krasnoyarsk State Pedagogical University. V.P. Astafyeva R.Mayer; master-class on the topic "Methods of teaching modern computer science courses" (January 2017), organized by Almatova A.M., Baizakova S.S., Azhibekova P.S.; an international online seminar on the theme "Robots of the technique of negligence" (November 2017), organized by Shongalova K.S. and doctor of pedagogical sciences, professor of the Smolensk State University Senkina G.E., assistant professor Samarina A.E., etc.

The main task of attracting teachers-practitioners to teaching is to read both basic and special courses in order to fully master the students practical skills and competences that are part of the professional competence of specialization. At the moment, the institute conducts classes by teachers who have many years of practical experience in the field of practical specialization. EP Mathematics: senior lecturer, Abdrakhmanova M.T. from 1989 to 2009 worked in the school №6. EP Physics: Senior Lecturer, Master Sadykova B.S., worked from 2000 to 2004 in the Atbasar school, EP Computer Science: the senior teacher Akhatova Zh.E. from 1987 to 1991 worked in different schools of Arkalyk.

Within the framework of the EP, students are provided with the knowledge and skills of systems and methods of pedagogy in the world, as well as knowledge in the field of management of education. Thus, the discipline of the cycle of DB Pedagogics (3 semester, 2 year) provides students with knowledge and skills of systems and methods of pedagogy in the world, and the discipline of the cycle of DB "Management in Education" is aimed at providing graduates with knowledge in the field of education management (4 semester , 2 year).

Analytical part

Experts note the graduates have a program of theoretical knowledge in the field of psychology and communication skills, analysis of personality and behavior, methods for preventing and resolving conflicts, motivating learners, and the availability of disciplines in MNP teaching innovative teaching and planning methods. Experts consider the work of the EP leadership to teach students the skills of self-study satisfactory.

Members of the note the holding of webinars and seminars in the framework of accredited EP aimed at discussing the latest methods and technologies of education, including with international participation, but consider that the introduction of disciplines, technologies and methods promoting the formation of professional competences, and increase the practical component of the EP by inviting practitioners - school teachers. In general, the considers that accredited EP are aimed at forming the learning outcomes required for bachelors of education in the specialties 5B010900 Mathematics, 5B011000 Physics, 5B011100 Computer Science.

Strengths / best practice

Interrelation of the contents of the disciplines of the EP with the content of the fundamental sciences.

Recommendations

In order to prepare future teachers for work in the context of the updated content of education, to continue the practice of involving school teachers in teaching within the framework of the EP.

Conclusions of the on the criteria:

According to the rating table "Parameters of a specialized profile", the notes the satisfactory position of the accredited cluster of educational programs on 6 criteria.

(VI) REVIEW OF STRONG SIDES / BEST PRACTICES

1. Involvement of representatives of stakeholder groups, including employers, trainees and teaching staff in the development plan for the EP, their participation in the collegial bodies of management of the EP;
2. Definition of the responsible persons for business processes within the framework of the EP, the distribution of the duties of the staff;
3. Training of the management of the EP on educational management programs.
4. System of regular reporting, reflecting all levels of the structure, including an assessment of the effectiveness of the activities of the chairs and departments, scientific researches;
5. Frequency, forms and methods of assessing the management of the EP, the activities of collegial bodies and structural units, top management;
6. The mechanism of communication with students, employees and other stakeholders, including the presence of conflict resolution mechanisms;
7. Systematic evaluation of the efficiency and effectiveness of the activity, including in the context of the EP;
8. Documenting the procedures for the development of the EP and their approval at the institutional level; development and approval of MOS;
9. Availability of developed graduate models;
10. Execution of external MOS examination;
11. Proof of participation of trainees, teaching staff and other stakeholders in the development of the EP, in ensuring their quality;
12. Monitoring and periodic evaluation of the EP (including workload, academic performance and graduation), the results of which are aimed at the continuous improvement of the EP;
13. The support service is consistent with the objectives of the EP; participation of trainees, employers and other stakeholders in the revision of the EP;
14. The mechanisms for ensuring the learning outcomes of each graduate are determined and the completeness of their formation is ensured;
15. The policy of forming of a contingent of students in the context of the EP from reception to completion, ensuring the transparency of its procedures;
16. Procedures regulating the life cycle of students (from reception to completion), identified, approved and published;
17. Providing students with places of practice, facilitating the employment of graduates, encouraging students to self-education and development outside the main program;
18. Demonstration of awareness of responsibility for workers and provision of favorable working conditions;
19. Providing opportunities for career growth and professional development for the teaching staff, including targeted actions to develop young teachers;
20. Involvement of the TS of accredited EP in the life of society;
21. Sufficiency of material and technical resources and infrastructure;
22. Availability of a support system for students;
23. Active media presence in the region;
24. Placement of audited financial statements on the Institute's website;
25. Wide involvement of the pedagogical community in the activities carried out by the institute;
26. The relationship between the content of disciplines of the EP with the content of the basic sciences.

(VII) REVIEW OF RECOMMENDATION FOR IMPROVING QUALITY

1. To develop a procedure for updating the strategic documents for the development of accredited EPs.
2. To continue the practice of assessing the development risks of EP.
3. To consider the possibility of introducing dual training in the experimental mode.
4. To continue the practice of involving specialists in the work to determine the impact of disciplines and professional practices on the formation of learning outcomes.
5. To develop a trilingual education, consider the possibility of creating conditions for students to choose the language of studying individual modules regardless of the language of instruction.
6. To consider the possibility of developing joint educational programs in the areas of training "Physics", "Computer Science", "Mathematics" with foreign educational organizations.
7. To actualize the development of criteria for the evaluation of all types of educational work for students (practice, laboratory work, all types of independent work of students, etc.).
8. To continue work on establishing feedback on the use of various teaching methods and evaluation of learning outcomes on a systematic basis, which is understandable to all participants in the educational process.
9. To develop a program to implement internal and external academic mobility of students.
10. To support gifted students on a systematic basis, create a database of gifted students.
11. To contribute to informing TS on the possibilities of incoming and outgoing academic mobility.
12. To develop a rating system for assessing the performance of TS (based on KPI), which will result in decisions on rewarding and rewarding.
13. To consider the possibility of conducting practical and laboratory classes on the basis of schools.
14. To organize work on the examination of the results of research, final works on plagiarism.
15. To provide in the development plan for accredited EP the purchase of equipment, software similar to those used in modern schools (in particular, to plan the acquisition of laboratory equipment for physics, which is used in modern physics classrooms).
16. In order to prepare future teachers for work in the context of the updated content of education, to continue the practice of involving school teachers in teaching within the framework of the EP.

Appendix 1. Evaluation table "SPECIALIZED PROFILE PARAMETERS"

No	No	Assessment criterias	Position of the organization of education			
			strong	satisfying	Requires improving	unsatisfactory
Standard "Management of the educational program"						
1	1	The institution should have a published quality policy.		+		
2	2	The quality assurance policy should reflect the relationship between research, teaching and learning.		+		
3	3	The institution should demonstrate the development of a culture of quality assurance, including in the context of the EP.	+			
4	4	Commitment to Quality Assurance should refer to any activity, performed by contractors and partners (аурысқан), including the implementation of joint / double diploma education and academic mobility.		+		
5	5	Direction of EP provides transparency of the development EP development plan based on analysis its functioning, the real position of the institute and its activities direction to meet the needs of the state, employers, interested persons and trainees.		+		
6	6	Direction of EP demonstrates the functioning of the formation mechanisms and regular revision of the development EP's plan and monitoring its implementation, assessment of the achievement of learning objectives, the relevance to the needs of trainees, employers and society, making decisions aimed at the continuous improvement of the EP.		+		
7	7	Direction of EP should involve the representatives of groups of interested persons, including employers, trainees and teaching staff to the formation of an development plan EP.	+			
8	8	Direction of EP should demonstrate the individuality and uniqueness of the EP's development plan, its coherence with national development priorities and the development strategy of the organization of education.		+		
9	9	The institution should demonstrate a clear definition of responsible for or business processes within the framework of EP, однозначного distribution of staff responsibilities, differentiation of functions of collegial organs.	+			
10	10	Direction of EP must provide a proof of transparency in the management of the educational program.		+		
11	11	Direction of EP should demonstrate the successful functioning of the internal quality assurance system, including its design, management and monitoring, their improvement, decision-making based on facts.		+		
12	12	Direction of EP should carry out the risk management process.		+		
13	13	Direction of EP should ensure the participation of stakeholder representatives (employers, teaching staff, trainees) consisting of collegiate governing bodies of educational programme, and their representativeness in making decisions on the management of the educational program.	+			
14	14	The institution should demonstrate the management of innovation within the framework of the EP, including the analysis and implementation of innovative proposals.		+		
15	15	Direction of EP should demonstrate a proof of openness and accessibility for students, teaching staff, employers and other stakeholders.	+			
16	16	Direction of EP should to be trained on educational management programs.	+			
17	17	Direction of EP should seek to ensure that the progress achieved since the last external quality assurance procedure will be taken into account in preparing for the next procedure.		+		
Total by standard			6	11	0	
Standard "Information Management and Reporting"						
18	1	The institution should ensure the functioning of the system for collecting, analyzing and managing information based on applying the modern		+		

		information - communication technology and software tools.				
19	2	Direction of EP should demonstrate the systematic use of processed, adequate information for improving the internal quality assurance system.		+		
20	3	Within the framework of EP should exist a regular reporting system, reflected all levels of structure, including the effectiveness assessment and the effectiveness of the activities of units and departments, the scientific research.	+			
21	4	The institution should install the periodicity, forms and methods for assessing the management of EP, activity of collegial bodies and structural subdivisions, top management, implementation of scientific projects.	+			
22	5	The institution should demonstrate the definition of ordering and ensuring of Computer Science protection, including the definition of responsible persons for the reliability and timeliness of the analysis of information and the provision of data.		+		
23	6	Involving learners, workers and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them is an important factor		+		
24	7	Direction of EP should demonstrate the presence of the mechanism communication with the trainee, employees and other stakeholders, including the presence of conflict resolution mechanisms.	+			
25	8	The institution should ensure the measuring of degree of satisfaction the teaching staff's, personal and students within the framework of EP and demonstrate a proof elimination of detected deficiencies.		+		
26	9	The institution should evaluate the effectiveness and effectiveness of activities, including in the context of the EP.	+			
		Information collected and analyzed by the institution should be taken into account:				
27	10	key performance indicators;			+	
28	11	dynamics of students contingent in the context of forms and types;		+		
29	12	level of performance, achievements of students and expulsion;		+		
30	13	students satisfaction to the implementation of the EP and to quality of education in the institute;		+		
31	14	accessibility of educational resources and support systems for students;		+		
32	15	employment and career growth of graduates.	+			
33	16	trainees, workers and teaching staff should confirm documentary a consent for processing of personal data..		+		
34	17	Direction of EP should promote all necessary information in the relevant fields of science.		+		
Total by standard			5	11	1	
Standard "Elaboration and approval of educational programs"						
35	1	The university should define and document the procedures of elaboration EP and their approval at the institutional level.	+			
36	2	Direction of EP should ensure that the OT developed by the objectives set, including the expected results of training.		+		
37	3	Direction of EP should ensure the availability of the developed graduate models of the EP, describing the results of training and personal qualities.	+			
38	4	Direction of EP should demonstrate the conduct of external expertise of the EP.	+			
39	5	The qualification obtained at the conclusion of the EP shall be clearly defined, clarified and corresponded to a certain level of the NSC.		+		
40	6	Direction of EP should determine the impact of disciplines and professional practices on the formation of learning outcomes.		+		
41	7	An important factor is the possibility of training students for professional certification.		+		
42	8	Direction of EP should provide evidence of the participation of students, teaching staff and other stakeholders in the development of the EP, ensuring their quality.	+			
43	9	The complexity of EP should be clearly defined in Kazakhstan credits and ECTS.		+		
44	10	Direction of EP should ensure the content of educational disciplines and learning outcomes of the level of study (bachelor's, master's, doctoral).		+		

45	11	In the structure of the EP, various activities corresponding to the learning outcomes should be envisaged.		+		
46	12	An important factor is the existence of joint EP with foreign educational organizations.			+	
Total by standard			4	7	1	
Standard "Continuous monitoring and periodic evaluation of educational programs"						
47	1	The institution should monitor and periodically evaluate the OD in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at the continuous improvement of the EP.	+			
		Monitoring and periodic evaluation of EP should consider:				
48	2	the content of the programs in the light of the latest achievements of science in a specific discipline to ensure the relevance of the discipline being taught;		+		
49	3	changing needs of society and the professional environment;		+		
50	4	load, academic performance and graduation;	+			
51	5	the effectiveness of evaluation procedures for students;		+		
52	6	expectations, needs and satisfaction of learners;		+		
53	7	educational environment and support services and their relevance to the objectives of the EP.	+			
54	8	The institution and Direction of EP must provide evidence of the participation of trainees, employers and other stakeholders in the revision of the EP.	+			
55	9	All interested persons should be informed of any planned or undertaken actions in relation to the EP. All changes made to the EP shall be published.		+		
56	10	Direction of EP should provide a review of the content and structure of the EP taking into account changes in the labor market, the requirements of employers and the social demand of society.		+		
Итого по стандарту			4	6	0	
Standard "Student-centered learning, teaching and assessment of progress"						
57	1	Direction of EP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.		+		
58	2	Direction of EP should ensure the use of various forms and methods of teaching and learning.		+		
59	3	An important factor is the availability of our own research in the field of methods of teaching the academic disciplines of the EP.		+		
60	4	Direction of EP should demonstrate the availability of a feedback system on the use of different teaching methods and evaluation of learning outcomes.		+		
61	5	Direction of EP it should demonstrate support for the autonomy of students with simultaneous guidance and assistance from the teacher.		+		
62	6	Direction of EP should demonstrate the existence of a procedure for responding to complaints from students		+		
63	7	The institution should ensure the consistency, transparency and objectivity of the evaluation mechanism for each training program, including an appeal.		+		
64	8	The institution should ensure that the procedures for evaluating the learning outcomes of the trainees are consistent with the planned learning outcomes and program objectives. Criteria and methods of evaluation within the framework of the EP should be published in advance.		+		
65	9	At the institution should be identified the mechanisms to ensure that each graduate has mastered graduate studies and ensures the completeness of their formation.	+			
66	10	Evaluators should possess modern methods for evaluating learning outcomes and regularly improve their qualifications in this field.		+		
Итого по стандарту			1	9	0	
Standard "Learners"						
67	1	The institution should demonstrate the policy of forming a contingent of trainees from the entrance to the release and ensure the transparency of its procedures. Procedures regulating the life cycle of trainees (from admission to completion) should be defined, approved, published.	+			
68	2	Direction of EP provide for special adaptation and support programs for newly enrolled and foreign students.	+			
69	3	The Institution should demonstrate the compliance of his activities with the Lisbon Recognition Convention..		+		

70	4	The Institution should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC with a view to ensuring comparable recognition of qualifications.		+		
71	5	Direction of EP should demonstrate the existence and application of a mechanism for recognizing the results of academic mobility of trainees, as well as the results of additional, formal and informal training.		+		
72	6	The Institution should provide an opportunity for external and internal mobility of trainees, as well as assist them in obtaining external grants for training.			+	
73	7	Direction of EP should make the maximum amount of efforts to provide practice-based practices, facilitate the employment of graduates, and maintain communication with them.	+			
74	8	The institutions should provide graduates with documents confirming the received qualifications, including the results of training achieved, as well as the context, content and status of the education received and evidence of its completion.		+		
75	9	An important factor is the monitoring of the employment and professional activities of the graduates of the EP.		+		
76	10	Direction of EP should actively stimulate students to self-education and development outside the main program (extracurricular activity	+			
77	11	An important factor is the existence of an active association / association of graduates.		+		
78	12	An important factor is the availability of a support mechanism for gifted students.		+		
Total by standard			4	7	1	
Standard "Teaching staff"						
79	1	The institution should have an objective and transparent personnel policy, which includes hiring, professional growth and development of personnel, which ensures the professional competence of the whole state.		+		
80	2	The institution must demonstrate compliance with human capacity development strategy of the university teaching staff and the specific EP.			+	
81	3	Direction of EP should demonstrate awareness of responsibility for their employees and providing them with favorable working conditions.	+			
82	4	Direction of EP should demonstrate a change in the role of the teacher in connection with the transition to student-centered learning.		+		
83	5	The institution should determine the contribution of the TS to the implementation of the development strategy of the university, and other strategic documents.		+		
84	6	The institution should provide opportunities for career development and professional development of the TS of EP.	+			
85	7	Direction of EP should attract to the teaching of practitioners of relevant industries.		+		
86	8	Direction of EP should provide targeted action to develop young teachers.	+			
87	9	Direction of EP should demonstrate the motivation for the professional and personal development of the teachers of the EP, including encouraging both the integration of scientific activities and education, and the use of innovative teaching methods.			+	
88	10	An important factor is the active use of TS information and communication technologies in the educational process (for example, on-line training, e-portfolio, MEP, etc.).		+		
89	11	An important factor is the development of academic mobility within the framework of the EP, attracting the best foreign and domestic teachers.			+	
90	12	An important factor is the involvement of the TS of the EP in the life of society (the role of teaching staff in the education system, the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).	+			
Total on standard			4	5	3	
Standard "Educational resources and student support systems"						
91	1	Direction of EP must demonstrate the sufficiency of material and technical		+		

		resources and infrastructure.				
92	2	Direction of EP should demonstrate the existence of support procedures for different groups of learners, including information and counseling.	+			
		Direction of EP should demonstrate the compliance of information resources with the specifics of the EP, including compliance:				
93	3	technological support of students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
94	4	library resources, including the fund of educational, methodological and scientific literature on general basic and profiling disciplines on paper and electronic media, periodicals, access to scientific databases;	+			
95	5	examination of the results of research, final works, dissertations on plagiarism;			+	
96	6	Functioning of WI-FI in the territory of the organization of education.		+		
97	7	The institution should strive to ensure that the training equipment and software used to develop the EP are similar to those used in the relevant industries.		+		
98	8	The institution should ensure compliance with safety requirements in the learning process.		+		
99	9	The institutions should strive to take into account the needs of different groups of students in the context of the EP (adult workers, foreign students, as well as students with disabilities).		+		
Total by standard			2	6	1	
Standard "Public Awareness"						
		The information published by the institution within the framework of EP should be accurate, objective, relevant and should include:				
100	1	implemented programs, indicating the expected results of training;	+			
101	2	information on the possibility of assigning qualifications at the end of the EP;		+		
102	3	information on teaching, training, evaluation procedures;		+		
103	4	information on passing scores and educational opportunities provided to students;		+		
104	5	information on job opportunities for graduates.		+		
105	6	Direction of EP should use a variety of ways to disseminate information (including media, web resources, information networks etc.) to inform the general public and interested parties.	+			
106	7	Informing the public should provide support and explanation of national development programs of the country and the system of higher and postgraduate education.	+			
107	8	The university should publish financial reports on its own web resource.	+			
108	9	The university should demonstrate the reflection on the web resource of information that characterizes the university as a whole and in the context of the EP.		+		
109	10	An important factor is the availability of adequate and objective information about the TS EP, in the context of personalities.		+		
110	11	An important factor is informing the public about cooperation and interaction with partners within the framework of the EP, including with scientific / consulting organizations, business partners, social partners and educational organizations.		+		
111	12	The university should post information and links to external resources based on the results of external evaluation procedures.		+		
112	13	An important factor is the participation of the university and implemented EP in various external evaluation procedures.		+		
Total by standard			4	9	0	
Standards in the context of separate specialties						
EDUCATION						
		Educational programs in the direction of "Education" should meet the following requirements:				
113	1	Direction of EP should demonstrate the availability of graduates of a program of theoretical knowledge in the field of psychology and communication skills, analysis of personality and behavior, methods of		+		

		conflict prevention and resolution, motivation of students;				
114	2	Direction of EP should demonstrate the literacy of graduates of the program in the field of information technology.		+		
115	3	Direction of EP should demonstrate the availability in the program of disciplines that teach innovative methods of teaching and planning training, incl. interactive methods of teaching, methods of teaching with high involvement and motivation of students (games, case studies / situations, use of multimedia tools);		+		
116	4	Direction of EP should demonstrate the ability of the learners to teach skills of self-learning;		+		
117	5	Within the framework of the EP, emphasis should be placed on various types of practices: - attend lectures and classes conducted by teachers; - holding of special seminars and discussions of the latest teaching methodologies and technologies; - Within the framework of the program, students should be able to listen to at least one discipline in their field of specialization, taught by a practicing specialist;		+		
118	6	Within the framework of the EP, students should be provided knowledge and skills of systems and methods of pedagogy in the world, as well as knowledge in the field of education management.		+		
		Total on standard	0	6	0	
		TOTAL	34	77	7	

