



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

about results of the work of an external expert commission for assessing compliance with the Standards and Guidelines for the international accreditation of foreign educational organizations and educational programs (based on ESG) educational program

09.03.03 - "Applied Informatics"

focus (profile) - "Applied Informatics in Economics"

Grozny State Oil Technical University named after Academician
M.D. Millionshchikov"

Date of on - line visit: from "26" to "28" October 2021

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING

External expert commission

*Addressed to
the IAAR Accreditation
Council*



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October 28 2021

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(I) LIST SYMBOLS AND ABBREVIATIONS

IAAR - Independent Agency for Accreditation and Rating
EEC - External Expert Commission
OP - Educational program
ESG - European Standards and Guidelines
FSBEI HE - Federal State Budgetary Educational Institution of Higher Education
IAAR – Independent agency for accreditation and rating
PhD - Doctor of philosophy
RF - Russian Federation
GGNTU - Grozny State Oil Technical University
University - Higher Educational Institution
FL - Federal Law
FSES HE - Federal State Educational Standards for Higher Education
NCJSC - Non-commercial Joint Stock Company
TS – teaching staff
ICEiTP - Institute of Digital Economy and Technological Entrepreneurship
ISE - Information systems in economics
PRS - point - rating system
IPRBooks – Intellectual property right books
SES - Service economic security
PIE - Applied Informatics in Economics
GED - General Educational Disciplines
DB - Basic disciplines
MD - Major disciplines
CR - Chechen Republic
LLC - Limited Liability Company
FTP - Federal Target Program
QMS - Quality Management System
GOST RF - National Standards of the Russian Federation
ISO - International Organization for Standardization
DEMw - Department for educational and methodological work
RIAQE - Regulations on internal independent assessment of the quality of education
EMC - Educational and Methodological Council
EPHP - Educational program of higher education
QED - Catalog of elective disciplines
Acting - Temporary acting (acting) duties
MEP - Modular Educational Program
BIM - Building information modeling
EIES - Electronic Information and Educational Environment
RW - Research work
SRW - Research work of students
PR - Public relations
SC - Construction company
SAC - State Attestation Commission
SEC - State Examination Commission
RFBR - Russian Foundation for Basic Research
ICT – Information and Communication Technologies
EL - Educational literature
WoS - Web of Science
Scopus - Bibliographic and abstract database
NBDS - National Bibliographic Database of Science Citations
CC - copyright certificates

Mass media - mass media

UCS - United Council of Students

EFF - Fund for Appraisal Funds

MOOC - Massive Open Online Course

IST - Information systems and technologies

OGB - Oil and gas business

AG - Applied Geodesy



(II)INTRODUCTION

IN compliance from Order No. 120-21-OD from 09/02/2021 of the year Independent Agencies Accreditations And Rating (IAAR) since 26 on 28 October 2021 G. External expert commissions (EEC) was carried out online grade compliance educational programs 03/09/03 "Applied Informatics" (profile "Applied Informatics in Economics") Grozny State Oil Technical University named after academician M.D. Millionshchikov Standards and guidelines for international accreditation of foreign educational organizations and educational programs (based on ESG) of the National Institution of Independent Accreditation and Rating Agency (Nur-Sultan, 2018).

The EEC report contains an assessment of the compliance of the activities of the Grozny State Oil Technical University named after Academician M.D. Millionshchikov "in the framework of international accreditation to the IAAR criteria, recommendations of the EEC for further improvement of the parameters of a specialized profile.

The composition of the WEC:

Chairman of the EEC IAAR – Belykh Yury Eduardovich, Candidate of Physical and Mathematical Sciences, Associate Professor, Vice-Rector of Yanka Kupala State University of Grodno (Grodno, Republic of Belarus).

IAAR expert – Aldungarova Aliya Kairatovna, PhD , associate professor of Toraigyrov University (Pavlodar, Republic of Kazakhstan). *Evaluation of EP 08.03.01 - "Construction" focus (profile) - "Industrial and civil construction"*.

IAAR Expert – Ganagina Irina Gennadievna, Ph.D., Head of the Department of Space and Physical Geodesy, Siberian State University of Geosystems and Technologies (Novosibirsk, Russian Federation). *Evaluation of EP 21.05.01 Applied Geodesy, specialization "Engineering Geodesy"*.

IAAR expert – Guzeva Tatyana Alexandrovna, Ph.D., Associate Professor, Head of the Department of Educational Standards and Programs, Moscow State Technical University named after N.E. Bauman (Moscow, Russian Federation). *Evaluation of EP 09.03.03 - "Applied Informatics" focus (profile) - "Applied Informatics in Economics"*.

IAAR expert – Alexander Grakovski (Grakovski Alexander), Professor, Faculty of Computer Science and Electronics, Institute of Transport and Communications (Riga, Latvia). *EP score 09.03.02 "Information systems and technologies"* .

IAAR expert – Ismailova Dzhamilyam Abdulhatovna, PhD, assistant professor of the Institute of Geology and Oil and Gas Affairs of the Kazakh National Research Technical University named after K.I. Satpaev (Almaty, Republic of Kazakhstan). *EP score 03/21/01 - "Oil and gas business" focus (profile) - "Operation and maintenance of oil production facilities."*

IAAR expert , employer – Uzaeva Aminat Alviyevna, Head of the Construction Department of the Ministry of Construction, Housing and Communal Services of the Chechen Republic (Grozny, Chechen Republic of the Russian Federation).

IAAR expert, student - Egizbayeva Asylzat Erk inkyzy, 1st year student of the educational program 7M06149 Information Systems of Kyzylorda University named after Korkyt Ata (Kyzylorda, Republic of Kazakhstan). *EP score 09.03.02 "Information systems and technologies"* .

IAAR expert, student – Kupzhanov Dias Serikovich, 4th year student of the School Program “Construction and Environmental Engineering” of Nazarbayev University (Nur-Sultan, Republic of Kazakhstan). *Evaluation of EP 08.03.01 - "Construction" focus (profile) - "Industrial and civil construction"*.

IAAR expert, student – Platonova Elena Sergeevna, 4th year student of EP 21.03.01 Oil and gas business (profile “Operation and maintenance of oil production facilities”) RSU “Russian State University of Oil and Gas (National Research University) named after I.M. Gubkin” (Moscow, The Russian Federation). EP score 03/21/01 - "Oil and gas business" focus (profile) - "Operation and maintenance of oil production facilities."

IAAR expert, student - Aliyev Emir Shamil oglu, 4th year student of EP 050604 "Geophysics" of the Azerbaijan State University of Oil and Industry (Baku, Republic of Azerbaijan). Evaluation of EP 21.05.01 Applied Geodesy, specialization "Engineering Geodesy".

IAAR Coordinator - Niyazova Guliyash Balkenovna, Head of the Project for the Institutional and Specialized Accreditation of Universities of the Independent Agency for Accreditation and Rating (Nur-Sultan, Republic of Kazakhstan).



(III) REPRESENTATION ORGANIZATIONS EDUCATION

Grozny State Oil Technical University named after Academician M.D. Millionshchikov" (hereinafter FSFEI HE, FSFEI HE " GSOTU named after M.D. Millionshchikov ", University, university) when implementing educational programs in the areas of training , carries out its activities in accordance with :

–Federal Law of December 29, 2012 No. 273-FL "On Education in the Russian Federation" (consultant.ru);

–Federal state educational standards of higher education in the areas of training of the 3++ generation (fgosvo.ru) ;

–Order of the Ministry of Education and Science of Russia dated April 5, 2017 No. 301 “On Approval of the Procedure for Organizing and Implementing Educational Activities in Educational Programs of Higher Education – Bachelor’s Programs, Specialist’s Programs, Master’s Programs” (consultant.ru) ;

–regulatory and methodological documents of the Ministry of Science and Higher Education of the Russian Federation (rzgmu.ru);

–Charter of the University (approved by Order No. 967 of November 16, 2018, as amended on January 10, 2020 (Order No. 7), April 7, 2020 (Order No. 562), (gstou.ru);

–License for educational activities No. 1505 06/19/2015, series 90L01 No. 0008503 (validity period - indefinitely);

–Certificate of state accreditation (No. 1731 dated March 10, 2016, accredited until March 10, 2022, (gstou.ru);

–local regulations of FSBEI HE “GGNTU im. Academician M.D. Millionshchikov” (gstou.ru).

–Strategic Development Program acad. M.D. Millionshchikov” until 2030 (approved by the rector on 09/02/2021, protocol No. 1).

FSFEI HE " GSOTU named after M.D. Millionshchikov” is a higher educational institution established to carry out educational, scientific, social and other functions of a non-commercial nature. The main activities of the University are educational, research, social activities.

FSFEI HE " GSOTU named after M.D. Millionshchikov includes five main components: educational, scientific, cultural, innovative, entrepreneurial.

International cooperation. The university cooperates with foreign educational organizations: Al-Mustaqbal University (Iraq), Damascus University (Syrian Arab Republic), Gaziantep University (Turkey), Hanguk University of Foreign Studies, Hanyon College, Hanyang University of International Relations, Pohang Global University (South Korea) , NJSC "South Kazakhstan University named after. M. Auezov” (Republic of Kazakhstan).

The history of the formation of FSBEI HE "GGNTU named after Academician M.D. Millionshchikov " :

1920 - Higher Oil College;

1922 - Oil Practical Institute;

1929 - Grozny Oil Institute;

1973 - Grozny Oil Institute named after M.D. Millionshchikov;

2002 - State Educational Institution of Higher Professional Education "Grozny State Oil Institute named after Academician M.D. Millionshchikov"

2011 - Federal State Budgetary Educational Institution of Higher Professional Education "Grozny State Oil Technical University named after Academician M.D. Millionshchikov";

2015 - Federal State Budgetary Educational Institution of Higher Education "Grozny State Oil Technical University named after academician M.D. Millionshchikov.

The title document of the university - License for educational activities No. 1505 06/19/2015, series 90L01 No. 0008503 (validity period - indefinitely).

The current status of the University accreditation is certified by the State Accreditation Certificate dated March 10, 2016, registration number 1731 series 90A01 No. 0001824 (valid until March 10, 2022).

At the university, the educational process is carried out according to a multi-stage system: bachelor's, specialist's, master's and postgraduate studies. The educational process is fully implemented on the basis of the credit system of education.

The structure of the university includes 5 institutes (applied information technologies, oil and gas, digital economy and technological entrepreneurship, construction, architecture and design, energy), an institute for advanced training and retraining of personnel, a faculty of secondary vocational education, a lyceum, a preparatory department for foreign citizens, vocational training center, distance and e-learning center. In addition, there are a scientific and technical library (5 departments), sports facilities (sports palace, sports halls, football field, volleyball and basketball fields, etc.), 5 canteens with a total area of 1196.8 sq.m for 368 seats, a health center and etc.

The staff of the university : The staff of the university is represented by the following categories of employees: the head of the educational organization (rector, chairman of the Academic Council) - 1, deputy heads of the educational organization (vice-rectors) - 5, teaching staff - 124, including doctors of science - 10, candidates of science - 23 . The degree rate at the university is 43%, the average age of the teaching staff of the university is 47 years.

Contingent of students as of 01.10.2021 (for all educational programs being implemented): full-time education - 3359; part-time education - 843; part-time education - 4094 students.

Library resources. The university has 5 departments of the scientific and technical library: the department of educational and scientific literature of IAIT, the department of educational and scientific literature with the electronic resources sector, the department of educational and scientific literature, the service department with a reading room, the general reading room with the sector of electronic resources, the total area which is 37 sq.m. for 110 seats (gstou.ru). The University has an electronic library system IPRBooks (license agreement No. 8048/21 until 07/01/2022), Lan (SEB NV-247 agreement until 12/31/2023), Multidisciplinary educational resource "Student Consultant", in which placed full text scientific, educational and educational and methodical materials. The volume of the library fund as of 01.10.2021 on physical (tangible media) is 124765 copies, of which educational publications - 104342 copies, scientific publications - 20423 copies. By subscription, the library has 1245 copies available. and 1042 copies. names of magazines and newspapers. On electronic media 17245 copies, audiovisual documents - 1042 copies.

Brief description of the accredited EP 09.03.03 Applied Informatics (profile "Applied Informatics in Economics") .

The implementation of the EP is carried out by the Institute of Digital Economy and Technological Entrepreneurship (IDETE), Department of Information Systems in Economics (hereinafter ISE).

Forms of education - full-time and part-time, the terms of study are 4 and 5 years, respectively. The implementation of the EP is carried out in Russian.

Previous accreditation: Certificate of state accreditation issued by the Federal Service for Supervision in Education and Science No. 1731 dated March 10, 2016, series 90A01 No. 0001824, valid until March 10, 2022.

The staff of the department "ISE".

The total number of teachers of the department as of 01.10.2021 is 14 people (3 professors, 2 associate professors, 5 senior lecturers and 4 assistants), EP 09.03.03 Applied Informatics (profile "Applied Informatics in Economics") is implemented by 30 teaching staff, including including: 2 - doctors of sciences and 17 - candidates of sciences, the degree of EP is 63%.

Contingent of students EP 09.03.03 Applied Informatics (profile "Applied Informatics in Economics") (hereinafter: profile "PIE") - by form of study (full-time / correspondence): 2016-2017 academic year. – 13/26, 2017-2018 academic year – 34/15, 2018-2019 academic year – 36/18, 2019-2020 academic year – 37/31, 2020-2021 academic year – 34/33 students.

The purpose of the EP is:

- meeting the needs of society and the state in qualified specialists with higher education, primarily in the field of information support for management decisions based on a combination of modern information technologies to form the information architecture of an enterprise;
- formation of students' civic position, ability to work and live in the conditions of modern

civilization and democracy;

- accumulation, preservation and enhancement of the moral, cultural and scientific values of society;
- dissemination of scientific, technical, environmental, legal, economic and other knowledge among the population, raising its educational and cultural levels
- creation of conditions for students to acquire the necessary level of knowledge, abilities, skills, experience and preparation for the defense of the final qualification work, necessary for the implementation of professional activities.

Employment of graduates the last 5 years under the accredited EP 09.03.03 Applied Informatics (profile "Applied Informatics in Economics"). - full-time / part-time: 2016 - 93/71%, 2017 – 80/95%, 2018 – 86/78%, 2019 – 75/100%, 2020 onwards - 84/77%.

The field of professional activity of graduates who have mastered the program includes:

- communications, information and communication technologies (in the field of design, development, implementation and operation of funds).

The main tasks of employment of University graduates include:

- cooperation with enterprises and organizations acting as employers for students and graduates;
- organization of temporary employment of students;
- providing employers with information about University graduates in need of employment;
- analysis of the effectiveness of employment and demand for graduates of the University.

Many graduates are quite successful in their careers, occupy high positions in government and commercial structures.

Upon graduation, graduates are employed in organizations and institutions, such as: State Unitary Enterprise "Center for Information Technology", the Office of the Federal Treasury for the Chechen Republic, the Ministry of Economic Territorial Development and Trade of the Chechen Republic, the Joint Stock Company "Vainakh Telecom", the Pension Fund for the Chechen Republic and many others. Graduates of the OP have the opportunity to continue their education in the Master's program in EP 09.04.03 - Applied Informatics.

Academic mobility for the accredited study program for the period 2016-2021 - missing.

Scientific directions of the department implementing EP 09.03.03 Applied Informatics (profile "PIE"):

- Innovative environment of the region based on the intensification of integration processes;
- Cross-channel information systems in the credit and financial sector;
- Monetization of information infrastructure products in the face of developing competition in the financial sector

(IV) DESCRIPTION PREVIOUS PROCEDURES ACCREDITATIONS

educational program 09.03.03 "Applied Informatics" (profile "PIE") submitted for external evaluation in IAAR for the first time.

(V) DESCRIPTION VISIT WEC

The work of the EEC was carried out on the basis of the approved Program of the on-line visit external expert commissions on international program accreditation educational programs Grozny State Oil Technical University named after Academician M.D. Millionshchikov in period from 26 to 28 October 2021.

The goal coordination work EEC 21.10.2021 of the year took place installation online meeting, in during which were distributed powers between member's commissions, revised schedule of the visit, achieved agreement in questions choice methods expertise.

In order to obtain objective information on the evaluation of the activities of the university members EEC used such methods like studying documentation, online visual inspection, surveillance, interviewing employees of various structural divisions, teachers, students, alumni and employers questioning faculty composition, students.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, online meetings were held with the Rector, vice-rectors of the university in areas of activity, heads of structural divisions, directors of institutes, heads of departments, teachers, students, graduates, employers. A total of 35 people took part in the meetings. representatives (table 1).

Table 1 - Information about employees and students who took part in meetings with the EEC IAAR:

Category participants	Quantity
Rector	1
Vice-Rector frame	5
Leaders structural divisions	8
Institute directors	5
Managers departments	5
OP teachers	3
OP students	4
OP alumni	4
Employers	3
Total	38

During the online tour, the EEC members got acquainted with the state of the *material and technical base* through a video file, which presents the educational and lecture audiences of the university, the regional center of competence of the digital economy, the Highpark innovation center, the vocational training center, the laboratories of General and Inorganic Chemistry”, laboratory “Mechanics and molecular physics”, scientific and technical center for collective use “Modern building materials and technologies”, scientific center “Geodesy, cartography and cadastre”, hostel, sports clubs , etc.

At the online meeting of the EEC IAAR with the target groups of the university, the mechanisms for implementing the policy of the university were clarified and certain data presented in the self-assessment report of the university were specified.

During the period of accreditation, classes were attended by students of the accredited EP: Applied Informatics (Ph.D., Associate Professor, Magomaev T.R., laboratory work);

VEK experts watched a video about the practice base , and also asked questions in an online format to the heads of the following partner organizations: ATR-Group LLC, CIT State Unitary Enterprise, Vainakh Telecom JSC. In accordance with the accreditation procedure, an online survey of 53 teachers and 42 students was conducted.

In order to confirm the information presented in the Self-Assessment Report, the working documentation of the university was requested and analyzed by external experts. Along with this, the experts studied the Internet positioning of the university through the official website of the university (<https://gstou.ru/>).

As part of the planned program, recommendations for improving the accredited educational program of the Grozny State Petroleum Technical University named after Academician M.D. Millionshchikov , developed by the EEC based on the results of the examination, were presented at an online meeting with the management on 10/28/2021.

(VI) COMPLIANCE WITH INTERNATIONAL PROGRAM ACCREDITATION STANDARDS

6.1. ESG. Part 1. Standard " QUALITY ASSURANCE POLICY "

The educational organization should have a published quality assurance policy which is part of their strategic management. Internal stakeholders should develop and implement this policy through appropriate structures and processes with the involvement of external stakeholders.

Evidence

As part of the strategic development of the University to ensure the quality of educational and other activities in 2019, the process of developing a quality management system began in accordance with the national standard of the Russian Federation for a quality management system - GOST R ISO 9001-2015 Quality management systems. Requirements. (ISO 9001-2015). The Department for Educational and Methodological Work (hereinafter - DEMW) developed the Regulations on the internal independent assessment of the quality of education (Appendix 3), posted on the official website of the University (link), and responsible for quality for each educational program were also appointed.

The presented local normative act was formed through discussion with students, faculty, administration of the University and other interested parties (representatives of employers' organizations and professional communities, University graduates).

- The University's education quality management system is based on a process approach and includes three levels: administrative and managerial, academic, expert evaluation.

The main tasks at the first level are the development of local regulations governing the issues of quality and quality control of education, as well as the coordination of interaction with teams of scientific and pedagogical workers and independent expert bodies.

At the second level, the main tasks are the development of the content of the EP and participation in their implementation in accordance with the established requirements for the quality of education.

At the third level, the main tasks are an objective internal and external assessment of the quality of the development and implementation of the EP, education in general, educational and scientific activities.

The administrative and managerial level is represented by the officials of the University, the academic level is represented by the teaching staff, the expert and evaluation level is represented by commissions consisting of scientific and pedagogical workers with representation of employers and students or consisting exclusively of representatives of employers.

One of the leading factors for the successful functioning of the quality management system is the organization of systemic feedback from internal and external consumers, partners and other interested parties. Systemically organized feedback allows timely identification of areas for improvement of key and auxiliary processes and points of growth in the University's activities.

At the University, the internal assessment of the quality of education is continuous, systemic and systematic, so it is more appropriate to talk about monitoring the quality of education. Thus, in order to monitor the progress of students of the University, a control system is used, which includes current, boundary, intermediate and final control. The methods of current, intermediate, intermediate and final control by disciplines are established in the funds of evaluation funds.

The main priority of the University is the commitment to the education quality policy. The organization and conduct of an internal independent assessment of the quality of training of students at the University is based on the following principles:

- openness and competence of management, transparency in decision-making and distribution of resources;
- transparency, objectivity, reliability, completeness and consistency of information about the quality of training of students;
- taking into account the individual characteristics of the development of students in assessing their results;
- availability of information for various consumer groups on the state and quality of training of students;
- observance of moral and ethical standards during the procedures for internal independent assessment of the quality of training of students.

The internal evaluation system includes:

- self-examination procedures, the purpose of which is to analyze the activities of the University, develop recommendations for eliminating inconsistencies in the procedures, processes and content of the quality of education;
- internal quality audit, organized for the purpose of systematic and independent analysis of the quality management system and allowing to determine the compliance of the activities and results of the university in the field of quality;
- rating assessment of the activities of the teaching staff, formed on the basis of an information base that comprehensively reflects the educational, methodological and pedagogical activities of university teachers;
- rating assessment of the effectiveness of the activities of institutes, departments for the implementation of educational programs;
- input control of the quality of training of applicants, the purpose of which is to assess the level of preparedness of applicants, to develop a system that contributes to the additional preparation of first-year students, its improvement in accordance with the level of university requirements;
- boundary, intermediate attestation and current control, the purpose of which is to assess the level of mastering the content of training courses by students;
- final certification, which is carried out in order to assess the level of professional and personal competence of the graduate, his readiness for creative and professional activities, readiness for professional growth.

university carries out an independent assessment of the quality of training of students within the framework of:

- current, midterm and intermediate certification of students in disciplines (modules);
- intermediate certification of students based on the results of internships;
- intermediate certification of students based on the results of coursework and projects, as well as participation in project activities;
- conducting an input control of the level of preparedness of students at the beginning of the study of the discipline (module);

- measures to control the availability of formed learning outcomes for students in previously studied disciplines (modules);
- state final certification of students.

The University constantly creates conditions for improving the EP without expanding the main content and making changes to the target and structural component. In the framework of constant interactions with employers, innovative, competitive educational programs are being formed. For each year of enrollment, a new EP is formed, in the formation of which the developers take into account all the recommendations compiled on the basis of the analysis of the latest scientific achievements, various educational and evaluation activities, the opinions of employers, graduates and students.

To study the opinions of the staff and students, meetings are systematically organized between the management of the University and the Institute with teachers, students and graduate students.

Analytical part

Monitoring and evaluation of the quality of educational activities are components of the GSOTU quality assurance policy. Documents: Regulations on the intra-university system for monitoring the quality of education, approved by the rector of the Grozny State Oil Technical University named after Academician M.D. Millionshchikov » M.Sh. Mintsaev on September 24, 2020 and the Regulations on the internal independent assessment of the quality of education, approved by the First Vice-Rector of the Grozny State Oil Technical University named after Academician M.D. Millionshchikov » I.G. Gairabekov on June 26, 2021, describing these components are posted on the web portal of the university:.

Implementation of the ongoing policy in the field of education quality in GSOTU. Academician M.D. Millionshchikov, does not provide for the involvement of external stakeholders in the development.

The development strategy of GSOTU does not include in its content an assessment of risks and ways to prevent them in the implementation of all areas of the university's activities. Accordingly, EEC experts noted the lack of targeted actions on the part of the management of the EP in terms of predicting risks in the implementation of the OP and the absence of mechanisms for their prevention and elimination.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") :

1. By the beginning of the 2022-2023 academic year, the management of the university should develop, with the participation of external stakeholders, approve, implement and publish the Quality Assurance Policy of the university.

2. The management of the university, to analyze and systematize the impact of risks on the activities of the university. Based on the analysis, develop a long-term plan (for 5 years) to prevent and overcome risks by the end of the current academic year, in order to improve the activities of the university and improve the quality of educational services, and begin its implementation from the 2022-2023 academic year.

3. Guidelines EP 09.03.03 "Applied Informatics" (profile "PIE") include in the work plan of the department a section with the assessment and management of possible risks in the implementation of the EP, indicating the possible consequences in case of failure to take and (or) timely response measures, as well as with a description of risk management mechanisms and measures and start its implementation from the 2022-2023 academic year.

Conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") - needs improvement.

6.2. ESG. Part 1. Standard " DEVELOPMENT AND APPROVAL OF THE PROGRAM "

An educational organization must have mechanisms for the development and approval of its programs. Programs should be designed in accordance with established objectives, including intended learning outcomes. The qualifications resulting from the completion of the program must be clearly defined as well as explained and must correspond to a certain level of the national qualifications framework in higher education and, therefore, the framework of qualifications in the European Higher Education Area.

Evidence

The assessed EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"), implemented by the University, was developed in accordance with:

- Federal State Educational Standard of Higher Education, - bachelor's degree in the field of study 09.03.03 Applied Informatics, approved by order of the Ministry of Education and Science of the Russian Federation of September 19, 2017 N 922;

- Order of the Ministry of Education and Science of Russia dated April 05, 2017 No. 301 "On Approval of the Procedure for Organization and Implementation of Educational Activities in Educational Programs of Higher Education – Bachelor's Programs, Specialist's Programs, Master's Programs".

The university has defined procedures for the development of EPs and their approval at the institutional level, as well as the examination procedure for EPs, which is confirmed by the following documents:

- Regulations on the procedure for the development and approval of educational programs of higher education (approved by the First Vice-Rector on April 21, 2021, protocol No. 2).

- Regulations on the procedure for developing, approving and amending curricula (approved by the Acting Rector on November 08, 2018, protocol No. 2).

- Guidelines for the development of adapted educational programs of higher education for people with disabilities and the disabled, and their implementation (approved by the Rector on 10/29/2020)

- Guidelines for the development of a work program for the discipline of higher education of the Federal State Educational Standard³⁺⁺ (approved by the Rector on April 21, 2021, protocol No. 3).

- Regulations on the procedure for the development and approval of educational programs of higher education of the Federal State Educational Standard³⁺⁺ (approved by the Rector on April 21, 2021, protocol No. 3).

- Regulations on the procedure for developing, approving and amending curricula developed in accordance with GEF 3 ++ (approved by the Rector on April 21, 2021, protocol No. 2).

The head of the educational program of the direction of training 09.03.03 Applied Informatics (focus (profile) "Applied Informatics in Economics") is the head of the department "ISE", Doctor of Economics, Associate Professor Magomayeva Leyla Rumanovna.

OP 09.03.03 "Applied Informatics" (profile "PIE") regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, assessment of the quality of graduate training in this area of training and includes: calendar curriculum, curriculum, work programs of disciplines (modules), practices and state final certification (SFA), funds of assessment tools and methodological materials.

Characteristics of the professional activity of a graduate of the EP 09.03.03 "Applied Informatics" (profile "PIE") includes:

- the field of professional activity of the graduate - Communication, information and

communication technologies (in the field of design, development, implementation and operation of means);

- types of tasks of professional activity for which graduates who have mastered the educational program are preparing: organizational and managerial and design;

- the objects of professional activity of graduates who have mastered the educational program in the direction (profile) "Applied Informatics in Economics" are: applied and information processes, information technology, information systems in the economy.

The purpose of EP 09.03.03 "Applied Informatics" (profile "PIE") is:

- meeting the needs of society and the state in qualified specialists with higher education, primarily in the field of information support for management decisions based on a combination of modern information technologies to form the information architecture of an enterprise;

- formation of students' civic position, ability to work and live in the conditions of modern civilization and democracy;

- accumulation, preservation and enhancement of the moral, cultural and scientific values of society;

- dissemination of scientific, technical, environmental, legal, economic and other knowledge among the population, raising its educational and cultural levels

- creation of conditions for students to acquire the necessary level of knowledge, abilities, skills, experience and preparation for the defense of the final qualification work, necessary for the implementation of professional activities.

The learning outcomes of EP 09.03.03 "Applied Informatics" (profile "PIE") are determined by the acquired competencies, which are spelled out in the developed models of graduates. A graduate who has mastered the undergraduate program must have universal, general professional and professional competencies.

The qualification obtained as a result of mastering the program - bachelor, corresponds to the level of the national qualifications framework in higher education and the framework of qualifications in the European Higher Education Area.

The development and implementation of EP 09.03.03 "Applied Informatics" (profile "PIE") involves employees from among the managers and employees of organizations whose activities are related to the profile of the program being implemented, who have higher education in the profile of the educational program, work experience in specialized organizations, leading systematic scientific work on the profile of the EP (table 2).

Table 2 - Information about employees from among the managers and employees of organizations whose activities are related to the focus (profile) of the implemented higher education program - undergraduate program 09.03.03 "Applied Informatics" (profile "PIE")

No. p / p	FULL NAME.	Name of company	Position in the organization	Working time in the organization
1.	Zaurbekov Rizvan Dokaevich	TEK Inform LLC	Head of SIT operation service	2019 - present

2.	Khasukhadzhiev Apti Said- Akhmadovich	FSFEI HE "Chechen State University"	Director of the Institute of Mathematics, Physics and Information Technologies	2019 - present
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For cooperation, as a rule, organizations are selected that are ready to provide students with places for internships in the future, as well as organizations that are promising employers. For example - Ayupov Zh.R. (General Director of State Unitary Enterprise "Center for Information Technologies").

The audit of the EP is carried out annually at the end of the calendar year in the form of a survey of students, teachers and graduates of the University, employers. In addition, the department annually develops a self-examination report, which includes an analysis of the implementation of the EP at the end of each semester.

The results of the survey of faculty members showed that:

- the needs of the teaching staff are satisfied with the content of the educational program - very good 49.1%, good - 50.9%;

- paying attention by the management of the educational institution to the content of the educational program - very good 54.7%, good - 45.3%;

Students assessed how much they agree that the material taught is relevant: 64.3% - fully agree, 28.6% - agree, 7.1% - partially agree.

Analytical part

In the procedure for conducting an examination of the EP for assessing the quality of educational activities, external stakeholders are involved - representatives from employers - for EP 09.03.03 "Applied Informatics" (profile "PIE") SUE "Center for Information Technologies".

The procedure and selection of reviewers is carried out in accordance with the "Regulations on the procedure for reviewing an educational program of higher education - a bachelor's program, a specialist's program, a master's program" (approved by the Rector on 09/01/2020, protocol No. 1). External reviews were presented to the experts of the EEC, in the set of documents of the EP.

However, there is a lack of targeted action in expanding the number of external reviewers.

To improve and update educational programs, the University constantly conducts sociological research among students, teachers, graduates and employers. The monitoring results are brought to the attention of the staff at the weekly administrations, dean's offices / directorates, at meetings of departments and academic councils of the University and institutes, meetings of students with the administration of the University and institutes. EP 09.03.03 "Applied Informatics" (profile "PIE") is updated annually, which follows from the curricula posted on the official website of the university of each implementing at the time of the commission, the year of admission,

However, documents confirming the participation of students, teaching staff, graduates and employers in the development and revision of the accredited EP were not shown to the EEC experts.

For the attractiveness and competitiveness of EP 09.03.03 "Applied Informatics" (profile "PIE"), it is necessary to create joint EPs with Russian and foreign universities. Currently, there are no such programs, which was confirmed at meetings with the administration and management of GGNTU departments.

Recommendations for OP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. The Guidelines of the EP 09.03.03 "Applied Informatics" (profile "PIE") are recommended to increase the number of examinations of the EP with the participation of stakeholders (students, teaching staff, graduates and employers) and the registration of these examinations documented.

2. Organize effective work on the creation of joint EPs with Russian and foreign universities, as this is one of the main factors in increasing the competitiveness of a university, especially a regional one, so this will undoubtedly enrich the educational programs of the university with innovative, educational components. .

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

6.3. ESG. Part 1. STUDENT-CENTERED LEARNING AND ASSESSMENT Standard

The educational organization must ensure that the program is implemented in such a way as to encourage students to take an active role in the joint construction of the educational process, and that student assessment reflects this approach.

Evidence

Student-centered learning involves the organization at the University of such a socio-cultural scientific and educational environment that allows you to fully educate a highly qualified specialist and a comprehensively developed personality. Creating an environment involves, among other things, the organization and holding of a wide range of various events. For example, a "Quest for freshmen" is being held, which involves rallying new students through the implementation of various tasks that allow them to get acquainted with the structure of the University and the functionality of its departments. Socio-psychological trainings for self-confidence, self-presentation, self-development, personal growth, conflict avoidance, tolerance and others are organized. To develop cognitive interest in the ability to quickly respond to changing conditions, broadening one's horizons, intellectual games are held weekly: "What? Where? When?", "Brain Ring", "KVN" and others.

Students also develop the skills of a leader. From 26 to 28 February 2020 On the basis of the Chechen State Pedagogical University, a forum of the school of leader skills "COMPETENCE" was held, in which a student of the PI-17p group (EP 09.03.03 "Applied Informatics" (profile "PIE")) Raida Visambieva took part. Participants underwent trainings in team building, conflict resolution and game library, as well as a master class "Fundamentals of leader activity" (link).

As part of the annual events held by the 1C: Parus company, the department regularly holds a competition for 1C: Accounting, in which students enrolled in the educational program 09.03.03 "Applied Informatics" (profile "PIE") take part.

Equally important in student-centered learning for the department is to increase the level of students' competencies in the field of social design. A team of students of the department "ISE" took part in the educational forum "New Generation", organized by the University, and won a prize, winning a grant for the implementation of their project (link).

Students are actively involved in participation in business games, during which they solve various cases on social, communicative, professional topics. Thus, within the framework of the All-Russian festival NAUKA 0+, on the basis of Highpark University, a project event "Technological entrepreneurship - education of innovations" was held. Students of the department "ISE" won the first prize (link).

The University has a well-represented network of clubs, sections and circles of interest, of the most diverse orientation: language, intellectual, sports, professional and others.

There are five clubs based on the Institute of Digital Economy and Technological Entrepreneurship:

1. Youth scientific and practical club "Manager-mentor", which has been working on the

basis of the graduating department "Innovation and Business Management" since January 2017. The chairman of the club is Doctor of Economics, Professor I.I. Idilov, co-chairman - Shidaev L.A.

2. Student scientific and educational club "Financier", functioning on the basis of the department "Economics and Management in the Fuel and Energy Complex" (headed by Candidate of Economics, Associate Professor Abdurakhmanova M.M.) and has been operating since September 2015.

3. Student scientific and educational club "Lawyer", functioning on the basis of the department "Information Law and Jurisprudence" since September 2018. The head of the club is Ph.D., Dadashov M.M.

4. Student scientific and educational club "Historian", functioning on the basis of the department "General humanitarian disciplines". The head of the club is Candidate of Historical Sciences, Associate Professor Idilov Sh.K.

5. Student scientific and educational club It Project, functioning at the Department of Information Systems in Economics since May 2020. The head of the club is the senior teacher Magomaev T.R.

The students of the department also actively participate in sports events and adequately represent the university at the regional and federal levels. So, a student of the PI-19-1 group Sadakhanov Suliman (EP 09.03.03 "Applied Informatics" (profile "PIE")) took part in the III All-Russian Student Martial Arts Games (stage of the North Caucasus Federal District) and took second place in 2020 (link). in 2019 he took first place in the Open Taekwondo Cup of the Caucasus (link).

A system of material and non-material incentives for students for success in social, educational, sports and scientific activities has been built. Students from among persons belonging to certain categories established by law receive material assistance.

Equal opportunities for students are achieved through the completeness of the educational, methodological, organizational, methodological and information support of the educational process. All students are subject to the principle of gender equality. There is equal access to educational, research and educational activities.

The content of educational programs and the conditions for organizing training for the disabled are determined, among other things, in accordance with the individual program for the rehabilitation of a disabled person (if any), for students with disabilities - on the basis of educational programs adapted, if necessary, for the training of these persons.

IN GSOTU the mechanism for assessing the knowledge, skills and professional competencies of students, including students with disabilities and persons with disabilities, includes procedures for current, midterm control, intermediate and (state) final certification and is regulated by:

- Regulations on the point-rating system for assessing the student's educational activities;
- Regulations on the organization of the use of e-learning, distance learning technologies in the implementation of educational programs, including the implementation of educational programs using exclusively e-learning, distance learning technologies;
- Regulations on the procedure for conducting state final certification for educational programs of higher education - bachelor's programs, specialist's programs and a master's program.

All university students have access to electronic library systems (IPR-books, Student Advisor), which host full-text scientific, educational and teaching materials and the electronic information and educational environment (EIOS) of the UComplex University.

The access granted to the experts to the EIOS GSOTU website <http://edu.gstou.ru/>, login: proverka and password: 123456Ps, confirmed the availability of all the above documents.

Students have the right to choose the place of industrial practice, including pre-diploma, and can also propose the topic of their scientific research, final qualification work, choose a supervisor. Students are provided with access to modern professional databases, information reference and search systems available on the Internet in accordance with the bachelor's program.

The ISE Department often holds events in order to attract students to grant activities. Financing research work is an integral part of the activities of any structural unit of an educational

institution. On the basis of the "Boiling Point" of the University, a master class on practical skills for obtaining state grants from the RFBR and the RSF was held under the guidance of Professor of the Department of ISE, Doctor of Economics Tavbulatova Z.K., who is the author and leader of the grants funded by the RFBR.

Analytical part

The management of the university provides a variety of opportunities to meet student-centered learning through the use of various forms and methods of teaching, learning and evaluating learning outcomes.

Students express satisfaction with the quality of teaching and evaluation of learning outcomes. A survey of students showed that satisfaction:

- objective assessment of students' achievements: fully satisfied - 73.8%, partially satisfied - 21.4%, difficult to answer - 4.8%;

- timeliness of assessment of students' educational achievements: fully satisfied - 71.4%, partially satisfied - 26.2%, difficult to answer - 2.4%.

The access granted to the experts to the GSOTU EIET <http://edu.gstou.ru/>, login: proverka and password: 123456Ps, confirmed that the students of the EP 09.03.03 "Applied Informatics" (profile "PIE") have:

- access to curricula, work programs of disciplines (modules), practices, to publications of electronic library systems and electronic educational resources specified in work programs;

- fixing the course of the educational process, the results of intermediate certification and the results of mastering the BEP;

- conducting all types of classes, procedures for assessing learning outcomes, the implementation of which is provided for using e-learning, distance learning technologies;

- the formation of an electronic portfolio of the student, including the preservation of his works, reviews and assessments of these works by any participants in the educational process;

- interaction between participants in the educational process, including synchronous and (or) asynchronous interaction via the Internet.

In the curricula of EP 09.03.03 "Applied Informatics" (profile "PIE"), in the part formed by the participants in educational relations, elective and optional disciplines are presented, this provides the student with the opportunity to form an individual learning path, which is also confirmed by the following regulatory documents:

- Regulations on the organization of classes in optional disciplines, approved by the Acting Rector on May 16, 2019, protocol No. 10.

- Regulations on training according to an individual curriculum, including accelerated training at GSOTU, approved by the rector on October 29, 2020, protocol No. 4.

- Regulations on the implementation of disciplines at the choice of students in educational programs of higher education (approved by the rector on May 16, 2019, protocol No. 10).

An analysis of the curricula of the EP 09.03.03 "Applied Informatics" (profile "PIE") showed that the choice of disciplines, for example, in the EP of 2021 admission, is carried out only in the 4th year, and the number of elective disciplines is 2. This is not enough to form flexible individual student trajectories.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. To form more flexible individual trajectories of students, the educational and methodological management of the university, together with the leadership of the EP, analyze the content of EP 09.03.03 "Applied Informatics" (profile "PIE") to consider the possibility of increasing the number of elective disciplines, reflecting the results the analysis carried out in the minutes of the meeting of collegial governing bodies.

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

6.4. ESG. Part 1. STUDENT ADMISSION, PERFORMANCE, RECOGNITION AND CERTIFICATION Standard

The educational organization must have predetermined, published and consistently applied rules governing all periods of the student's "life cycle", i.e. admission, performance, recognition and certification.

Evidence

At the university, admission procedures are regulated by the Order of the Ministry of Education and Science of Russia "On Approval of the Procedure for Admission to Educational Programs of Higher Education - Bachelor's Programs, Specialist's Programs, Master's Programs", which is approved annually. Admission rules (including enrollment procedures) to the University are established independently in the part not regulated by the legislation on education and published on the official website higher education programs - bachelor's programs, specialist's programs, master's programs for the 2021/22 academic year, approved by the Rector on 10/28/2020, protocol No. 3, as amended on 02/20/2021, protocol No. 7, 05/27/2021, Protocol No. 10). In its activities to form a contingent of students, the admissions committee of GSOTU is guided by the legislation of the Russian Federation and the VND "Regulations on the admissions committee" (approved by the Rector on February 18, 2021, protocol No. 1).

The website of the University Admissions Committee contains information for applicants in accordance with the Rules for Admission to the University (gstou.ru): admission rules, admission plan, samples of documents required for admission (applicant's application, consent to the processing of personal data, consent to enrollment, power of attorney for submission of documents by an incoming trustee), a list of programs and a schedule of entrance examinations, information on special rights and benefits, tuition fees, a sample contract for the provision of educational services, etc.

Recognition in the Russian Federation of education and (or) qualifications obtained in a foreign state is carried out on the basis of the Federal Law of December 29, 2012 No. 273-FL "On Education in the Russian Federation". In accordance with part 1 of article 107 273-FL, the recognition of a foreign education is carried out in accordance with the international treaties of the Russian Federation governing the issues of recognition and establishing the equivalence of a foreign education, and the legislation of the Russian Federation. Holders of a foreign education recognized in the Russian Federation are granted the same academic rights as holders of the corresponding education received in the Russian Federation. If the education of an applicant is not subject to an international agreement on mutual recognition, then documents for recognition are sent by him independently to the Glavexpertcenter (Moscow). The University, in accordance with the current legislation, does not cooperate with national centers or other educational organizations on the issues of nostrification of documents on education.

The formed contingent for EP 09.03.03 Applied Informatics (profile "PIE") of students shows, in general, maintaining a stable set of students (Table 3).

Table 3 - The number of first-year students and the total number of students in the educational program 09.03.03 Applied Informatics.

Number of students	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021

<i>First year (full-time)</i>	13	34	36	37	34
<i>First year (part-time)</i>	26	15	18	31	33
<i>General (full-time)</i>	110	151	142	134	138
<i>General (correspondence form)</i>	136	127	143	140	122

During the reporting period, 6 foreign students of the EP 09.03.03 "Applied Informatics" (profile "PIE") from Kazakhstan and Azerbaijan studied.

Graduates of the University receive state diplomas. In general, 6 graduations took place under the accredited educational program - 313 students.

The mechanism for recognizing the results of students, including those mastered during academic mobility, but also results additional, formal And informal learning regulatory fixed in : Regulations on the offset of the results of development, open online courses and the offset of the results of the development of academic subjects, courses, disciplines (modules) of practices, additional educational programs in *other* organizations engaged in educational activities (approved by the Rector on October 29, 2020, protocol No. 4) ., Regulations on the organization and implementation of educational activities for additional professional programs, including the organization of training for people with disabilities and persons with disabilities (approved by the Rector on December 24, 2020, protocol No. 5), Regulations on the organization of the use of e-learning, distance learning technologies in the implementation of educational programs, including the implementation of educational programs using exclusively e-learning, distance learning technologies (approved by the Acting Rector on January 29, 2019, protocol No. 5), Regulations on the network form of implementing educational programs (approved by Rector on October 29, 2020, protocol No. 4).

Students undergo an internal assessment of the quality of training. Quality assessment includes ongoing monitoring of progress, which provides an assessment of the course of mastering disciplines and passing practices, intermediate certification of students - evaluating the intermediate and final results of training in disciplines and passing practices and state final certification, the purpose of which is to establish compliance with the results of students mastering the basic educational programs corresponding to the requirements of the Federal State Educational Standard of VO.

Everything students on EP 09.03.03 Applied informatics (profile "PIE") provided in places practitioner, what confirmed by agreements concluded with specialized organizations, and interviews with employers and students conducted October 27, 2021 (for example: Grozservice LLC, State Budgetary Institution Republican Multifunctional Center, Chechengazprom JSC, Committee of the Government of the Chechen Republic on State Orders, ATR-Group LLC and more than 20 specialized organizations) and interviews with students October 27, 2021

The University constantly monitors the employment of graduates (Table 4).

Table 4 - Information on the employment of graduates

Of the year	2016	2017	2018	2019	2020
OFO					
Graduates	28	25	42	32	32
Employed	26	20	36	24	27
WFD					

Graduates	34	21	37	18	30
Employed	24	20	29	18	23
FZFO					
Graduates	14	-	-	-	-
Employed	14	-	-	-	-

Analytical part

The university demonstrated the policy of forming a contingent of students in the context of educational programs. The model of formation of a contingent of students operating at the university complies with the legislation of the Russian Federation, is based on the principle of transparency, unity, consistency. To increase the number of applications for admission from applicants, the university is working to provide applicants with information about the university, faculties and specialties.

The university regulates procedures that ensure the life cycle of students (from admission to completion). Formed contingent for EP 09.03.03 Applied Informatics (profile "Applied Informatics in Economics") (hereinafter: profile "PIE"): 2016-2017 academic year. – 13/26, 2017-2018 academic year – 34/15, 2018-2019 academic year – 36/18, 2019-2020 academic year – 37/31, 2020-2021 academic year – 34/33 students, showing overall maintenance of a stable student enrollment.

Graduation and employment of students are the main indicator of the effectiveness of the university. Employment of graduates of the last 5 years according to the accredited EP 09.03.03 Applied Informatics (profile "PIE") is (full-time / part-time): 2016 - 93/71%, 2017 - 93/71%. – 80/95%, 2018 – 86/78%, 2019 – 75/100%, 2020 onwards - 84/77%.

The university has a Department of International Projects and Scientific and Technical Information, which is engaged in the development of cooperation between GSOTU and foreign educational and scientific centers, the implementation of joint programs, support for the international mobility of teachers, students and university staff working in the direction of international activities. Students of GSOTU have the opportunity to study at universities in the region, as well as at universities in near and far abroad as part of the "academic mobility" program. At the moment, for an accredited study program, academic mobility does not currently have an example, this follows from the interview and the submitted documents. To do this, the university operates the "Regulations on the offset of the results of mastering open online courses and the offset of the results of mastering academic subjects, courses, disciplines (modules) of practices, additional educational programs in other organizations engaged in educational activities" (approved by the Rector on 10/29/2020 , Protocol No. 4).

It should also be noted that the lack of academic mobility of students does not allow for the full extent of his personal development, the possibility of his successful employment, but also the increase in competitiveness, the success of the university as a whole.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. To intensify work on the development of external and internal academic mobility of students, because this is an important part not only for the personal development of the student, the possibility of his successful employment, but also to increase the competitiveness and success of the university as a whole.

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

6.5. ESG. Part 1. Standard "TEACHER"

The educational organization must have objective and transparent processes for the recruitment, professional development and development of all staff, which allow them to ensure the competence of their teachers.

Evidence

The university pays great attention to personnel policy, a number of documents have been developed: acad. M.D. Millionshchikov" until 2030, approved rector 09/02/2021, Collective agreement GSOTU them. Academician M.D. Millionshchikov for 2018-2021, approved by the Acting Rector and the chairman of the trade union organization on September 28 , 2018 g., Regulations about effective contract, Regulations on the procedure for holding a competition for filling the positions of scientific workers in the Grozny State Petroleum Technical University named after Academician M.D. Millionshchikov"; Regulations on the procedure for filling the positions of teaching staff related to the teaching staff; Rules of the internal labor schedule. Everything the documents posted on the site University.

The implementation of the undergraduate program is provided by the teaching staff of the University, as well as persons involved in the implementation of the EP on the terms of a civil law contract.

The procedure for planning and calculating the working time of scientific and pedagogical workers of the University, including the harmonic ratio of educational (all types of contact work: lecture and seminar classes, intermediate certification, consultations, etc.), scientific, creative, educational, methodological, organizational , educational work is determined by the Procedure for planning the working time of scientific and pedagogical workers.

The qualification requirements for the positions of scientific and pedagogical workers of the University are harmonized with the requirements of the Unified Qualification Guide for the Positions of Managers, Specialists and Employees (section "Qualification Characteristics of the Positions of Managers and Specialists of Higher Professional and Additional Professional Education"), approved by Order of the Ministry of Health and Social Development of the Russian Federation dated January 11, 2011 No. 1n.

According to EP 09.03.03 Applied Informatics (profile "PIE") is provided qualified faculty composition. teachers have education and/or additional professional education, relevant taught educational disciplines; also all teachers regularly pass promotion qualifications in compliance from requirements.

The total number of teachers of the department as of 01.10.2021 is 14 people (3 professors, 2 associate professors, 5 senior teachers and 4 assistants).

Total teaching staff implementing the EP 09.03.03 Applied Informatics (profile "PIE") - implemented by 30 teaching staff, including: 2 - doctors of science and 17 - candidates of science, the degree of EP is 63% , including 2 teaching staff is a representative from production (Zaurbekov Rizvan Dokaevich - head of the operation service of the ICT, TEK Inform LLC, Khasukhadzhiev Apti Said-Akhmadovich - director of the Institute of Mathematics, Physics and Information Technology of the FSBEI HE "CSU") . See table 5.

Table 5 - teaching staff implementing 09.03.03 Applied Informatics (profile "PIE")

Rank	Qty
Ph.D	2
PhD	17
No degree	11
degree, %	63%
including:	

Head department	4
professors	4
Associate professors	11
senior lecturers	9
teachers	1
Assistant	1
Part-time workers, including production workers	2
Total people implementing EP 09.03.03	30

The IDETE annually concludes economic contracts with enterprises and organizations, performs scientific work with the involvement of the Institute's teachers. For example, in 2020, the Department of ISE implemented an economic contract under the program "Automated accounting system for production assets", initiated by the Joint Stock Company "Chechenenergo".

The lecturers of the IDETE are actively engaged in grant activities. Grant activities are an important direction in the development of the University's research activities. Grant support contributes to the development of research and preserves the scientific and theoretical potential of the University and IDETE Grant funding ensures interest in the continuous generation of scientific knowledge, is an incentive to search for new ideas and develop existing discoveries.

In 2019, the RFBR was supported by the grant "Digitalization of the banking sector of the Russian Federation: creating a model of a cross-channel information system" (supervisor: L. R. Magomaeva, Ph.D. in Economics) in the amount of 2,000,000 rubles, the deadline is 2 years.

The average annual amount of funding for scientific research per one scientific and pedagogical worker (in rates reduced to integer values) of an organization implementing the main educational program in the 2020/2021 academic year for each accredited educational program is 66 thousand rubles.

To realize the scientific potential of the teaching staff (hereinafter referred to as the teaching staff) of the University, including the Institute of Digital Economy and Technological Entrepreneurship, a regular set of publications is carried out in the journal "Vestnik GSOTU. Technical Sciences" (frequency - 4 times a year), under the guidance of the editor-in-chief, Doctor of Technical Sciences, Professor Mintshev Magomed Shavalovich).

Teachers undergo professional development every three years. For the 2019-2020 academic year, the number of teachers who underwent advanced training and retraining amounted to more than 200 people, 10 of them from the ISE department

Since 2019, the Regulation on an effective contract has been introduced for the teaching staff, on the basis of which the rating assessment of the activities of the University teaching staff is carried out. An effective contract takes into account all the achievements of the teacher for the previous reporting period (educational and scientific work, publications, advanced training, etc.).

Analytical part

GSOTU demonstrates an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, which ensures the professional competence of the entire staff. The teaching staff is the main resource for ensuring the mission of the university. GSOTU manages the personnel potential of teaching staff in accordance with its development strategy and taking into account the specifics of accredited EPs.

EP 09.03.03 Applied Informatics (profile "PIE") is provided with qualified teaching staff. Teachers have education and/or additional professional education. At least 60 percent of the number of teaching staff of the University participating in the implementation of the program, and persons involved by the University in the implementation of the EP on other conditions (based on the number

of positions to be replaced, reduced to integer values), conduct scientific, educational and methodological and (or) practical work corresponding to the profile of the taught discipline (module).

Much attention is paid to improving the qualifications of scientific and pedagogical personnel in modern methods of teaching and assessing the level of knowledge, as well as in the profile of read disciplines, if necessary, they undergo internships at enterprises of various forms of ownership, introduce the results of scientific and innovative activities into the educational process. Teaching staff regularly undergo advanced training in accordance with the requirements of the Ministry of Science and Higher Education of the Russian Federation, at least once every three years.

Questioning of teaching staff conducted during the EEC visit showed that: the organization provides opportunities for professional development of teaching staff: very good - 56.6%, good - 41.5 %, relatively good - 1.9%.

The report says that the university is ready to develop academic mobility within the framework accredited by the EP, as well as to attract the best foreign and domestic teachers. However, there is no comparison of examples of work with partner universities for specific educational programs.

Strengths for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. High scientific and production competence of the teaching staff, which has a sufficiently high practical experience, which allows them to apply their professionalism in the educational process.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. Consider the possibility of providing academic mobility to the teaching staff in the universities of the Russian Federation, the CIS and far abroad, which would help improve their skills, increase the efficiency of scientific research, linguistic and cultural enrichment of the teaching staff.

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a strong position.

6.6. ESG. Part 1. Standard "EDUCATIONAL RESOURCES AND STUDENT SUPPORT SYSTEMS"

The educational organization must ensure that there are sufficient, accessible and appropriate learning resources and student support services.

Evidence part.

The list of logistics for EP 09.03.03 Applied Informatics (profile "PIE") complies with clause 4.3 of the educational standard GEF HE in the direction of training 09.03.03 Applied Informatics). This is confirmed by the Information on the logistics of the educational program - Information on the availability of equipped classrooms, facilities for conducting practical classes, presented in the general package of documents of the EP.

For implementation educational activities in university created And valid necessary property complex, which the includes in myself lecture halls, audience, reading rooms halls, educational part, departments, departments, sports halls, points public food, medical office, etc.

The material and technical base of the University is a building that meets the high requirements and standards of the educational and research process, equipped with modern scientific

and educational laboratories, computer classes and specialized rooms.

The total area of buildings (premises) of the University is 71266.0 sq.m., in including:

1. Area educational and laboratory premises - 55810.0 sq.m, in volume including:

- the area of educational premises - 29447.0 sq.m., of which the area of indoor sports facilities 3921.0 sq.m.;

- area intended for research divisions - 1214.0 sq.m.;

- area ancillary premises - 12663.0 sq.m., from her areapoints public nutrition - 1206.0 sq.m.;

- educational and auxiliary area - 12486.0 sq.m.

2. Area hostels - 8623.0 sq.m.

3. Area other buildings, premises - 6833.0 sq.m.

From general area university, intended for implementation goals and solving problems both educational and scientific, socio-cultural, sports and recreation character, general area ISAID is 6177.7 sq.m., in including:

- area training premises - 3563.2 sq.m.;

- area auxiliary educational premises - 1878.1 sq.m.;

- area ancillary premises - 736.4 sq.m.

The innovation cluster of the University consists of two structural divisions - Technopark and Highpark.

Technopark - subject scientific and innovative infrastructure, exercising formation conditions, favorable for development production in scientific and technical sphere. Technopark equipped industrial, laboratory And experimental equipment And is an center formation And learning qualified high-tech personnel, unites in yourself innovative technological Centre, Centre transfer technology, Centre management quality education, innovative scientific and educational center and 9 small innovative enterprises.

Highpark was opened in February 2019 and was created to support innovative entrepreneurship through the formation of a material, technical, socio-cultural, service, financial and other base. The main task of the division is to support and prepare small and medium-sized innovative enterprises for independent activities, commercial development of scientific knowledge, inventions, know-how and high technologies and broadcast them on the market scientific and technical products from goal satisfaction needs in this products region.

The university has a developed network of information and communication equipment (Table 6).

Table 6 - Security information and communication equipment GSOTU

Name indicators	Total
Personal computers - Total on university	1297
A laptop	87
Monoblock	43
multimedia projectors	144
Interactive boards	34
Printers	120
Multifunctional devices	171

Corps University have high speed connection to the Internet based on a fiber-optic communication system. All administrative divisions and educational laboratories are connected to the Internet. Fiber-optic communication channels between buildings enable fast and uninterrupted access to all resources at speeds up to 1 Gbps. The maximum speed of fixed (wired and wireless) Internet access is 150 Mbit/s. The Information about the logistics of the educational program 09.03.03 Applied Informatics (profile "PIE") contains data on the list of licensed software and details of supporting documents used in the implementation of training courses: WinPro 10 RUS Upgrd OLP NL Acdmc; WINHOME 10 _ OLP NL Acdmc Legalization GetGenius ; OfficeStd

RUS OLP NL Acdmc (right to use according to the Contract (No. 267-EA/19 dated September 15, 2019), System GARANT (proprietary license), Visual Studio-(Freemium), 1C Enterprise contract dated December 2, 2020 product registration numbers (9334859; 9334952), Sublime Text- (open access), Notepad++ (open access).

The University actively uses various special software tools for educational and scientific processes aimed at different groups of students, such as educational computer programs in certain subjects or topics, software packages in areas, computer testing programs, electronic versions of reference books, encyclopedias, dictionaries, electronic versions textbooks on individual subjects or topics, special software for scientific research, electronic library systems, electronic legal reference systems, electronic document management systems, etc.

The university has its own library, the total area of which is 370 sq.m. The library includes 5 departments (Table 7).

Table 7 - University Library

No.	Object name	Location address	Number of seats	total area (sq.m.)
1	Department of Educational and Scientific Literature (GUK)	Grozny, prospect them. HA. Isaeva, 100	0	48
2	Department of educational and scientific literature (1UK)	Grozny, st. Avtorkhanova, 14/53	0	66
3	Department of educational and scientific literature with the sector of electronic resources (2UK)	Grozny, Kadyrov Ave., 30	34	54
4	Service department with a reading room (3UK)	Grozny, Kirov Ave., 6/15	44	136
5	Common reading room with the sector of electronic resources (1UK)	Grozny, st. Avtorkhanova, 14/53	32	66

The library has organized local access to its own electronic documents, which include 9 databases of educational, educational and methodical, reference literature and periodicals.

The library provides each student of the University with individual unlimited access from any point where there is access to the Internet to the educational materials of the electronic library system (hereinafter referred to as ELS). All information on available electronic library systems and access conditions can be obtained in the section "Electronic library systems" on the library website

Educational literature, which is part of electronic library systems, provides most of the disciplines implemented by the main educational programs. The book availability of the accredited EP 09.03.03 Applied Informatics (profile "PIE") is confirmed by documents submitted to the commission of the EEC.

The University implements measures of social support for students. First of all, this applies to low-income students, orphans and semi-orphans, disabled people. Of particular relevance is the social support of employees and students had in period self-isolation. Students in need received additional material assistance in the form of food packages. Students living in a hostel were exempted from the fee for living in a hostel for the period of self-isolation, including those students who did not leave the hostel. Teachers and staff who fell ill with coronavirus infection received material support for rehabilitation.

Students in need are also provided with one-time financial assistance. Every year, on the basis of agreements concluded with medical institutions in Grozny, medical examinations and medical examinations of students, faculty and staff of the University are carried out.

The structure of the necessary financial resources is dominated by expenditures on:

modernization and equipping of modern educational and scientific laboratories, creation of a modern scientific and educational infrastructure, development of applied research, ensuring a high-quality educational process, creation of a modern information and communication infrastructure, implementation of staff development programs. The development strategy of the University underlies the creation of an effective system of social support for students, teachers and staff, aimed at meeting the needs of students, teaching staff and staff. Programs for the formation of a healthy lifestyle, the development of tolerance, religious tolerance, a scientific worldview, and the rejection of corrupt behavior are being implemented.

The university complies with all fire safety requirements and sanitary and epidemiological standards for educational organizations. There is a sanitary and epidemiological conclusion No. 20.CHR.88.000M.000220.06.19 dated 06/25/2019 and a conclusion on the compliance of the object of protection with the mandatory fire safety requirements dated 10/01/2020. Each educational program includes the mandatory discipline "Life Safety"

In the 2019-2020 academic year, participation in the program for receiving social benefits for the purchase of residential premises was organized as part of the implementation of measures to provide housing for young scientists of the main event "Providing housing for certain categories of citizens" of the state program of the Russian Federation "Providing affordable and comfortable housing and utilities for citizens Russian Federation". In accordance with the regulations established by the order of the Ministry of Education and Science of Russia dated 03.12.2018 No. 69-n "On some issues of providing young scientists of organizations subordinate to the Ministry of Science and Higher Education of the Russian Federation with social payments for the purchase of residential premises", lists of young scientists were prepared with documents attached necessary for taking part in the events, and sent to the Ministry of Education and Science of the Russian Federation.

Regular questioning of students and teachers about satisfaction with the conditions of the educational process makes it possible to identify the degree of provision of the educational program with material, technical and information resources.

Analytical part

The management of the EP has demonstrated that the material, technical, library and information resources used to organize the learning process are sufficient and meet the requirements of the educational program being implemented, harmonized with international ones.

EEC experts got acquainted with the equipment of the material and technical base according to the submitted documents - a certificate of the material and technical support of the educational program for EP 09.03.03 Applied Informatics (profile "PIE") and the presented [Video about the infrastructure of GSOTU](#).

Based on the results of interviewing the management of the EP and students, the EEC noted that the management provides various means of communication and communication for teaching staff and students. It is noted that WI-FI operates on the territory of the university, there is access to educational Internet resources and to all educational resources on the Internet, the University Library and specialized closed library resources. The University is not badly prepared to work with the use of distance learning technologies, while observing measures to ensure the sanitary and epidemiological well-being of the population in the Russian Federation in connection with the spread of a new coronavirus infection (COVID-19). Basically, teachers had lecture, practical and laboratory material in electronic form, but mass open and own on - line courses are not used for teaching.

A survey of students conducted during the visit of the EEC IAAR showed that satisfaction:

- availability of library resources: fully satisfied - 85.7%, partially satisfied - 7.1%, partially dissatisfied - 2.4%, dissatisfied - 2.4%, difficult to answer - 2.4%.
- with the existing educational resources of the university: fully satisfied - 88.1%, partially satisfied - 9.5%, difficult to answer - 2.4%.
- availability of computer classes: fully satisfied - 90.5%, partially satisfied - 4.8%, partially dissatisfied - 4.8%;
- classrooms, large group classrooms: fully satisfied - 76.2%, partially satisfied - 21.4%,

dissatisfied - 2.4%.

- rest rooms for students: fully satisfied - 61.9%, partially satisfied - 21.4%, partially dissatisfied - 2.4%, dissatisfied - 4.8%, difficult to answer - 9.5%.

- providing students with a hostel: fully satisfied - 92.9%, partially satisfied - 7.1%.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. Improve the methods and means of conducting distance learning, including through the inclusion of massive open online courses in education, and, taking into account the specifics of the University, join the process of their development.

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

6.7. ESG. Part 1. Standard "INFORMATION MANAGEMENT"

An educational organization must ensure that it collects, analyzes and uses relevant information to effectively manage its activities and its educational programs.

Evidence

Students of the EP 09.03.03 Applied Informatics (profile "PIE") have access to the electronic information and educational environment of the University, this is a mandatory requirement of clause 4.2.2 of the educational standard of the Federal State Educational Standard of Higher Education in the field of study 09.03.03 Applied Informatics).

EIOS of UComplex University provides:

- access to curricula, work programs of disciplines (modules), practices, to publications of electronic library systems and electronic educational resources specified in work programs;
- fixing the course of the educational process, the results of intermediate certification and the results of mastering the BEP;
- conducting all types of classes, procedures for assessing learning outcomes, the implementation of which is provided for using e-learning, distance learning technologies;
- the formation of an electronic portfolio of the student, including the preservation of his works, reviews and assessments of these works by any participants in the educational process;
- interaction between participants in the educational process, including synchronous and (or) asynchronous interaction via the Internet.

An employee of the University has developed and implemented an automated system for creating a schedule of training sessions and intermediate assessments for students of all forms of education. An interactive timetable is posted on the University website.

Persons with access to personal data are allowed to work with the EIOS database. The control is carried out by employees of the DEMW, who are responsible for the formation of statistical reports on the activities of the University.

In order to implement the policy and strategy in the field of the quality of training of specialists, the University provides access to all teachers, employees and students to the information resources necessary for work and education. All educational buildings and dormitories have access to the internal network - teaching or educational, depending on the category of the contingent, which contains the work programs of disciplines and practices, the state final certification program, the fund of assessment tools and methodological recommendations for students.

A large amount of information about the University and the institutes is distributed by the Creative Projects Support Department. The formation of a single information space around the University, a positive image of the University, its positioning as a competitive educational

institution with advanced scientific and innovative technologies, capable of training highly qualified specialists, is carried out by the relevant structures of the University.

The achievements of students and teachers of the University are covered in the news and announcements of the University and the Institutes on the website of the University, videos about various events in the life of the University and students, which are then posted on the website of the university and on the Instagram account of the University, on the state television of the Chechen Republic.

One of the informative indicators of the quality of training specialists at the university, their compliance with the requirements of a market economy, is the demand for graduates in the labor market and an assessment of the degree of their employment. Increasing efficiency and monitoring the employment of graduates, conducting career guidance work, including the development and distribution of career guidance products - all these issues are under the jurisdiction of the Practice and Employment Department, which is part of the Department for Educational and Methodological Work. The website of the University contains information on the proposed vacancies and information on the employment of graduates. Every year, the institutes hold alumni meetings, within the framework of which a survey of satisfaction with the education received is conducted.

Many graduates are quite successful in their careers, occupy high positions in government and commercial structures. Information about the employment of full-time graduates of the direction 09.03.03. Applied Informatics (PIE profile)

Table 5. Information about the employment of full-time graduates in the field of study 09.03.03. Applied Informatics

Direction training	Program learning	Release 2020	Employment 2020
Applied Informatics	Undergraduate	32	27

Analytical part

According to the analysis of compliance with the criteria of the standard "Information Management" for the accredited EP 09.03.03 Applied Informatics (profile "PIE"), the commission notes the following.

GSOTU ensures the effective functioning of the system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.

The University strictly regulates the procedure for ensuring the protection of information. The information analyzed by the management of the EP takes into account the availability of educational resources and support systems for students.

Students of the EP 09.03.03 Applied Informatics (profile "PIE") have access to the electronic information and educational environment of the University, this is a mandatory requirement of clause 4.2.2 of the educational standard of the Federal State Educational Standard of Higher Education in the direction of training 09.03.03 Applied Informatics). The access granted to the experts to the GSOTU EIET website <http://edu.gstou.ru/>, login: proverka and password: 123456Ps, confirmed the students' access to the EIET.

The Commission noted that, in order to implement the policy and strategy in the field of quality of training of specialists, the University provides access to all teachers, employees and students to the information resources necessary for work and training, however, EEC experts note the lack of a mechanism for interactive interaction between structural units, including between teaching staff and students, since the university electronic information and educational system has the function of the system as a data repository.

The university has social networks, etc., as well as access to Wi-Fi.

The university provides monitoring and evaluation of the degree of satisfaction with the needs

of teaching staff, staff and students within the framework of the EP and provides feedback in the form of eliminating the identified shortcomings.

A survey of students showed that satisfaction:

- the usefulness of the website of educational organizations in general and faculties in particular - completely satisfied - 92.9%, partially satisfied - 4.8%, difficult to answer - 2.4%;
- informing the requirements in order to successfully complete this specialty - fully satisfied - 85.7%, partially satisfied - 11.9%, partially dissatisfied - 2.4%;
- informing students about courses, educational programs, and academic degrees - completely satisfied - 83.3%, partially satisfied - 11.9%, partially dissatisfied - 2.4%, difficult to answer - 2.4%.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. The management of the university is recommended to modernize the electronic information and educational system, providing interactive interaction between all participants in the educational process, including between teaching staff and students, in all areas of the university.

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

6.8. ESG. Part 1. PUBLIC INFORMATION Standard

The educational organization must inform the public about its activities (including programs). Information must be clear, reliable, objective, relevant and accessible.

Evidence

The University promptly updates published information on the implemented EP, teaching, training, assessment procedures, passing scores, educational opportunities provided to students, expected learning outcomes, academic degree/qualifications awarded, as well as information on employment opportunities for graduates.

In accordance with the Decree of the Government of the Russian Federation of July 10, 2013 No. 582 (as amended by Decrees of the Government of the Russian Federation of October 20, 2015 No. 1120, of May 17, 2017 No. 575, of August 7, 2017 No. 944, of November 29, 2018 No. 1439, dated 03/21/2019 No. 292) "On approval of the Rules for posting on the official website of an educational organization in the Internet information and telecommunication network and updating information about an educational organization" and Order of Rosobrnadzor dated 08/14/2020 No. 831 "On approval of the requirements for the structure of the official website of an educational organization in the information and telecommunication network "Internet" and the format of information presentation" on the website of the University (link) contains information about the educational organization:

- basic information (name, date of creation, legal address, contact details, founder, presence of branches);
- structure and governing bodies of the educational organization;
- documents (Charter, License for educational activities (with attachments), Certificate of state accreditation (with attachments), local regulations);
- education (information on educational programs implemented at the University (main professional educational programs);
- documents regulating the educational process; the number of students; information on the results of admission, transfer, restoration and expulsion; directions and results of research activities);
- educational standards, according to which training is carried out at the University;
- management, pedagogical (scientific and pedagogical) composition;

- material and technical support and equipment of the educational process (information on the availability of equipped classrooms and facilities for conducting practical classes, on the availability of libraries, on the availability of sports facilities, on the conditions of nutrition and health protection of students, on access to information systems and information and telecommunication networks , information for the disabled and persons with disabilities, a list of electronic educational resources);
- scholarships and student support measures (information on the procedure for awarding and paying scholarships, providing material assistance to students, local regulations, orders);
- paid educational services (information on the procedure for the provision of paid educational services, information on the approval of the cost of education);
- anti-corruption (documents, links);
- financial and economic activity (plan of financial and economic activity, indicators);
- vacancies for admission (transfer) of students (information on the procedure for admission (transfer) and vacancies for admission (transfer));
- accessible environment (information about special conditions for teaching disabled people and people with disabilities, including specially equipped classrooms; about objects for conducting practical classes adapted for use by people with disabilities and people with disabilities; about the library (s) facilities adapted for use by persons with disabilities and persons with disabilities; on sports facilities adapted for use by persons with disabilities and persons with disabilities; on training and education facilities adapted for use by persons with disabilities and persons with disabilities; on ensuring unhindered access to buildings educational organization, about special nutrition conditions, about special conditions for health protection;
- international cooperation (information on concluded and planned agreements with foreign and (or) international organizations on education and science (if any); on international accreditation of educational programs (if any));
- schedule of students for the current semester.

Information about the ongoing EP 09.03.03 Applied Informatics (profile "PIE") with an indication of the expected forms of training; standard period of study; the period of validity of the state accreditation of the educational program (if there is state accreditation); language(s) in which education (training) is carried out; subjects, courses, disciplines (modules) provided for by the relevant educational program; practice provided for by the relevant educational program; on the use of e-learning and distance learning technologies in the implementation of the educational program) is posted on the website at the link: <https://gstou.ru/sveden/education/programs/prikladnaya-informatika-v-ekonomike-09.03.03.html> .

In order to make information about activities more widely available, the official website of the University also has an English version.

In order to implement the accessibility requirements for the visually impaired, the site provides, in accordance with the Basic Provisions of GOST R 52872-2012, special opportunities for this category of persons.

Informing the public about the results of its activities, plans and innovations, in addition to posting information on its website, the University carries out during open days, joint Job Fairs with employers, participation in educational exhibitions, in the media, etc. Joint congresses and symposiums, exhibitions and conferences with potential employers allow all participants in the educational process to interact systematically. These activities also make it possible to assess the satisfaction of stakeholders with the quality of the information received and in its completeness.

Information from employers on the availability of vacancies for employment of specialists is posted on the University website in the "Graduates" section. Information is available on the University website. On the page of vacancies there is an opportunity to send an application on-line.

Graduates of the University have the opportunity to receive advice on employment issues in the Department of Practice and Employment (DPE).

Together with the graduating departments, relevant work is carried out with employers. Every year, the University takes part in events organized by regional departments, such as the "Vacancy Fair for Jobs and Training Places", organized by the Ministry of Labour, Employment and Social

Development of the Chechen Republic. On the site of the Fair, students and graduates directly with the heads of enterprises, incl. and representatives of educational institutions hold meetings and discussions on topics of interest to them.

To search for vacancies for graduates of the University and analyze the requirements of employers for the qualifications of specialists, on-line services are used, such as "trudvsem.ru", "HeadHunter.ru", " Rabota . ru ", " Zarplata . ru " and others.

Social media platforms, such as Instagram, are used to reach the public more widely about the activities of the University. The pages of the University accounts provide information about educational activities, scientific achievements of students, significant events in the Chechen Republic and in the world, cultural, creative and sports life of the University. Thus, the University publishes full information about its activities (including educational programs) in a timely manner, in a clear, accurate, objective, relevant and accessible form.

Questioning of students, conducted during the visit of the EEC IAAR, showed that:

- Satisfaction with the usefulness of the website of educational organizations in general and faculties in particular 97.7% of students.

- 95.2% of students are satisfied with information about courses, educational programs, and academic degrees.

Analytical part.

The University openly publishes complete and reliable information about its activities, rules for admission of applicants, educational programs, terms and form of study, information about the employment of graduates, feedback from graduates, contact and other useful information for applicants and students.

The website of the university provides information on interaction with scientific / consulting organizations and educational organizations that implement such educational programs. The results of the activities of the university and in the context of the EP are reflected in full.

Information about the activities of the University is differentiated and available to all interested parties: applicants, students, parents, graduates, employers, representatives of government bodies and public organizations, business partners, scientific and consulting organizations, foreign universities. The published information is reliable, clear, objective, relevant and accessible to all stakeholders. For foreign partners and stakeholders there is an English version of the site. Information about the employment and demand for graduates is objective and relevant.

The experts noted the criteria that require creative expansion - an important factor is informing the public about cooperation and interaction with partners within the framework of the EP, this information is presented on the website only in the context of the University <https://gstou.ru/international/>.

Recommendations for eP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. As part of informing the public, periodically fill the site with up-to-date information about the development and achievements of your university and partners, including foreign ones.

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

6.9. ESG. Part 1. Standard "ONGOING MONITORING AND PERIODIC EVALUATION OF PROGRAMS"

The educational organization should monitor and periodically evaluate programs in order to ensure that they achieve their purpose and meet the needs of students and society. The results of these processes should lead to continuous program improvement. All stakeholders should be informed of any planned or undertaken actions in relation to these programs.

Evidence

Every year, in connection with the development of science, culture, economics, engineering, technology and the social sphere, the updating of federal state educational standards, changes in the requirements of employers (based on a survey), taking into account the constantly changing labor market conditions and in accordance with the Regulations for the formation, storage and updating educational programs of higher education EP 09.03.03 Applied Informatics (profile "PIE") are reviewed with the participation of stakeholders (employers, students, teachers) and changes are made in terms of the content of the work programs of disciplines, the fund of evaluation tools, methodological materials, etc.

An analysis of the requirements of employers for the qualifications of graduates in the field of study "Applied Informatics" showed that practical skills of working with the use of specialized application programs - 1C are becoming more relevant. Enterprise, Excel, on-line search services for economic and legal information, on-line services for economic data analysis; software tools designed to automate the activities of managing the business processes of an enterprise, etc. To monitor the changing requirements of employers for the qualifications of graduates, data from job sites, expert opinions of specialists from among employers, as well as an analysis of students' preferences when studying elective disciplines are actively used.

OP 09.03.03 Applied Informatics (profile "PIE") agreed with the employer of the Department "Information Systems in Economics" General Director of the State Unitary Enterprise "Center for Information Technologies".

IN purposes accounting opinions students on issues management educational organization and at acceptance educational organization local normative acts affecting the rights and legitimate interests of students at the University, the Trade Union Committee and the United Council of Students (USA) operate. CSO is a collegiate body of student self-government of the University. The Chairman of the CCO is a member of the Academic Council of the University. The Chairman of the Trade Union Committee is a member of the Academic Council of the University. The trade union committee and the CSO supervise the issues of social and material support for students. Representatives of students of the EP 09.03.03 Applied Informatics (profile "PIE") are members of the scholarship committees of institutes and the University.

Achievement of goals within the framework of the EP is monitored during the entire period of study. Evaluation tools are presented in the form of competency-oriented EFF developed by the departments for the current, midterm control of students, intermediate certification, as well as for the state final certification. EFF are used for operational assessment and ongoing management of students' educational activities, to assess the degree of achievement of planned learning outcomes upon completion of the study of the discipline (module), practice in the form established by the curriculum: credit, credit with assessment, exam, to establish the degree of compliance during certification tests of the formed competencies of graduates to the requirements of the Federal State Educational Standard of Higher Education of the direction of training 09.03.03 Applied Informatics. EFF allows assessing the degree of formation of competencies among students in the educational program.

Analytical part

Monitoring and periodic evaluation of EP 09.03.03 Applied Informatics (profile "PIE") is carried out on a systematic basis in order to ensure the achievement of the goal and meet the needs

of students and society. This is evidenced by the fact that the EP is regularly updated not only structurally, but also in content, while the requirements of the labor market, employers, students and teaching staff are taken into account when developing elective courses, developing the content of a professional practice program and choosing topics for graduation theses. Analysis of the effectiveness of the accredited SP is carried out during the entire period of its implementation.

The revision 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, is carried out regularly and is recorded in the minutes of the meetings of the department.

According to the requirements of employers and strategic partners, GSOTU is adjusting the educational program to ensure its competitiveness and demand in the market of educational services. To study the needs and opinions about the quality of graduate training, a survey of representatives of all interested parties is conducted. All information about the EP is posted on the official website of GSOTU. However, there is no information on the site about the changes in the EP.

During the EEC survey, students noted that the course program was clearly presented: full agreement - 61.9%, agree - 35.7%, partially agree - 2.4%, and the course content is well structured: full agreement - 50%, agree - 42.9%, partially agree - 4.8%, disagree 2.4%.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. Ensure the completeness and timeliness of information, for example, through the website and EIOS, in terms of compliance with the requirements for informing all interested parties about any actions regarding adjustments / changes to the OP.

The conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

6.10. ESG. Part 1. Standard " PERIODIC PROCEDURES FOR EXTERNAL QUALITY ASSURANCE "

The educational organization must undergo external quality assurance procedures in accordance with the European Standards and Recommendations (ESG) on a regular basis.

Evidence

When implementing the EP, the mechanisms of functioning of the system for ensuring the quality of training created at the University are used, including: monitoring and periodic review of the educational program; ensuring the competence of the teaching staff; regular self-examination according to agreed criteria for performance evaluation; system of external evaluation of the quality of the EP implementation; accounting and analysis of the opinions of employers and university graduates; agreements with foreign partners on student and teacher mobility programs, etc.

Periodic procedures external ensure quality allow estimate the effectiveness of internal quality assurance processes. The external quality assurance procedure has various forms and is carried out at different levels.

An external assessment of the quality of the implementation of the EP in the Russian Federation in the direction of training in general, for the corresponding level of education - bachelor's degree, is revealed in the state accreditation procedure - is carried out periodically once every 6 years.

In the period from February 01 to February 05, 2016, the University conducted a state accreditation examination for all major educational programs.

According to the results of the examination of the main professional educational programs of higher education, the compliance of the content and quality of training of students at the University

with federal state educational standards was established. Based on the results of the state accreditation procedure, the commission presented an expert opinion on the full compliance of the Bachelor's and Master's programs with the requirements of federal state educational standards, there were no comments. Received the Certificate of state accreditation dated March 10, 2016, registration number 1731, series 90A01 No. 0001824 (valid until March 10, 2022).

At implementation OP are used mechanisms functioning systems ensuring the quality of training created at the University, including: monitoring and periodic review of the educational program; ensuring competence teaching staff; regular self-examination according to the agreed criteria for performance evaluation; system of external evaluation of the quality of the EP implementation; accounting and analysis of the opinions of employers and university graduates; agreements with foreign partners on programs mobility students And teachers And etc.

Analytical part

Grozny State Oil Technical University named after Academician M.D. Millionshchikov" for the first time passed the procedure of international accreditation according to European standards. The recommendations given by the EEC experts should help the university to become better and continue its activities in this direction.

GSOTU should annually participate in external quality assurance procedures organizations, including foreign organizations, or authorized national professional and public organizations that are part of international structures, in order to recognize the quality and level of training of graduates who have mastered the EP that meet the requirements of professional standards, labor market requirements for specialists of the relevant profile.

Recommendations for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics"):

1. GSOTU should annually participate in external quality assurance procedures, depending on the content, it can take various forms and be carried out at different levels.

The conclusion of the WEC according to the criterion of the standard " Periodic procedures for external quality assurance " for EP 09.03.03 "Applied Informatics" (profile "Applied Informatics in Economics") is a satisfactory position.

(VII) OVERVIEW OF STRENGTHS/BEST PRACTICE FOR EACH STANDARD

Standard "Politics ensure quality"

Strong parties / the best practices not found.

Standard "Development And statement programs"

strong parties / the best practices not found.

Standard "Student-centered education And grade academic performance"

Strong parties / the best practices not found.

Standard "Admission, performance, recognition and certification students"

strong parties / the best practice has not been identified.

Standard "Teaching composition"

1. High scientific and production competence of the teaching staff, which has a sufficiently high practical experience, which allows them to apply their professionalism in the educational process.

Standard "Educational resources And systems support students"

Strong parties / the best practices not found.

Standard "Control information"

strong parties / the best practices not found.

Standard "Informing public"

strengths/best practices identified.

Standard "Constant monitoring And periodical grade programs"

Strong parties / the best practices not found.

Standard "Periodic External Quality Assurance Procedures"

strong parties / the best practices not found.

(VIII) OVERVIEW RECOMMENDATIONS FOR IMPROVING QUALITY FOR EACH STANDARD

Standard " Quality Assurance Policy"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. By the beginning of the 2022-2023 academic year, the management of the university should develop, with the participation of external stakeholders, approve, implement and publish the Quality Assurance Policy of the university.

2. The management of the university, to analyze and systematize the impact of risks on the activities of the university. Based on the analysis, develop a long-term plan (for 5 years) to prevent and overcome risks by the end of the current academic year, in order to improve the activities of the university and improve the quality of educational services, and begin its implementation from the 2022-2023 academic year.

3. Management of EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economics") to include a section in the work plan of the department with the assessment and management of possible risks in the implementation of the EP, indicating the possible consequences in case of failure to take and (or) timely response measures, as well as a description of the mechanisms and measures for managing risks and begin its implementation from 2022 -2023 academic year.

Standard " Development and approval of the program"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. The Guidelines of the EP 09.03.03 "Applied Informatics" (profile "PIE") are recommended to increase the number of examinations of the EP with the participation of stakeholders (students, teaching staff, graduates and employers) and the registration of these examinations documented.

2. Organize effective work on creation joint EP from Russian and foreign universities, so how this one from major factors raise competitiveness university, especially regional, therefore it will surely enrich _ educational programs university innovative, educational components.

Standard " Student-Centered Learning and Assessment"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. For formation more flexible individual trajectories students, educational and methodical management university, jointly from leadership EP, hold analysis content EP 09.03.03 "Applied informatics" (profile "PIE») for consideration opportunities increase quantities disciplines on choice, with reflection results conducted analysis in protocol meetings collegiate bodies management.

Standard " Admission, performance, recognition and certification of students"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. To intensify work on the development of external and internal academic mobility of students, because this is an important part not only for the personal development of the student, the possibility of his successful employment, but also to increase the competitiveness and success of the university as a whole.

Standard " Teaching staff"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. Consider possibility ensure academic mobility teaching staff in universities RF, CIS and distant overseas that _ contributed would improvement them skills, improving efficiency scientific research, linguistic and cultural enrichment PPS.

Standard " Educational Resources and Student Support Systems"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. Improve methods And facilities holding remote learning , in volume number , for check inclusion in education massive open online courses , and from taking into account specifics University turn on in process them development .

Information Management Standard

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. Management university recommended modernize electronic information and educational system by providing in her interactive interaction between everyone participants educational process, in volume including between teaching staff and students, by everyone directions activities university.

Public Information Standard

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. In framework informing public periodically fill relevant information website about development and achievements his university and partners, in volume including and foreign.

Standard " Ongoing monitoring and periodic evaluation of programs"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. Provide completeness And timeliness information , for example , through site And EIOS , in parts compliance requirements on informing all interested persons about any actions in relation adjustments / changes OP .

Standard " Periodic External Quality Assurance Procedures"

Recommendations for EP 09.03.03 " Applied informatics" (profile "Applied Informatics in economy»):

1. GSOTU must annually participate in procedures external ensure quality, in dependencies from content it maybe accept various forms and carried out on the different levels.

(IX) OVERVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF EDUCATIONAL ORGANIZATION

IN progress work EEC were held interview co everyone participants educational process and structural divisions.

Based on the results of online communication with the teaching staff, students and administration of the University, received convincing data, testifying about systematic character work on improvement quality education, conditions learning students, work teaching staff and the rest university structures.

Members of the External Expert Commission of the Independent Agency for Accreditation and Rating for the further dynamic development of the university, strengthening its position in the global educational space and ensuring the high quality of educational services *recommend:*

1. Analyze and systematize the impact of risks on the activities of the university. Based on the analysis, develop a long-term plan to prevent and overcome risks in order to improve the activities of the university and improve the quality of educational services
3. Expand the areas of cooperation, as well as the geography of employers (including regional companies), within the framework of concluded agreements and memorandums of cooperation, not only in relation to their acting as practice bases, but also in terms of creating joint research laboratories, basic departments, educational -production centers, etc.
4. Develop a program for the implementation and activation of academic mobility of students and teaching staff in all educational programs.
5. Consider the possibility of carrying out a more in-depth study of the English language both within the framework of the EP and organizing additional training in foreign languages.
6. Create a working group to study the experience of partner universities and develop a medium-term program to translate the experience of partner universities into the educational trajectories of accredited programs at all levels.
7. Activate the activities of the Alumni Association with the involvement of the Association in university projects.
8. Develop in the medium term a system for attracting employers to manage the EP along with the academic environment and students.
9. Develop a mechanism to stimulate the use of teaching staff of online learning technologies based on electronic courses of disciplines, MOOCs and other ICTs, to ensure the conduct of advanced training courses for university teaching staff in the development and application of MOOC courses, Coursera, etc. in the educational process.

Annex 1. Evaluation table "PROGRAM PROFILE PARAMETERS"

Conclusion of the external expert commission for quality assessment
 educational program 09.03.03 "Applied Informatics" (profile "Applied Informatics in
 Economics") Grozny State Oil Technical University
 named after academician M.D. Millionshchikov"

No.	International standards IAAR ESG Part 1.	Position organizations education			
		strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard 1. POLITICS SECURITIES QUALITIES					
1	Organization education should have published quality assurance policy, which is part of its strategic management. Internal stakeholders should develop and implement this policy through relevant structures and processes from engaging external stakeholders.			+	
Standard 2. DEVELOPMENT AND STATEMENT PROGRAMS					
2	Organization education should have mechanisms development and statements their programs. Programs should be developed in accordance with established goals including alleged results learning. Qualification, received in result development programs, should to be clearly determined but also clarified and should correspond certain level national framework qualifications in higher education and, consequently, framed qualifications in European space higher education.		+		
Standard 3. STUDENT CENTERED EDUCATION AND GRADE PROGRESS					
3	Organization education should provide implementation programs so the way to stimulate students to an active role in the joint construction of educational process, and to grade students reflected this an approach.		+		
Standard 4. RECEPTION, PROGRESS, CONFESION AND CERTIFICATION STUDENTS					

Unofficial Translation

4	Organization education should have in advance certain published And successively applied regulations, regulating all periods student "vital cycle", those. reception, achievement, recognition and certification.		+		
Standard 5. TEACHER COMPOSITION					
5	Organization education should have objective And transparent recruitment and professional development processes and development Total staff, which allow them provide competence their teachers.		+		
Standard 6. EDUCATIONAL RESOURCES AND SYSTEM SUPPORT STUDENTS					
6	The educational organization must ensure the availability sufficient available And relevant goals learning resources And services student support.		+		
Standard 7. CONTROL INFORMATION					
7	The educational organization must ensure that it collects, analyzes and uses relevant information for effective referral management their activities and their educational programs.		+		
Standard 8. INFORMATION PUBLIC					
8	Organization education should inform the public about its activities (including programs). Represented information should to be clear, reliable, objective, relevant And accessible.		+		
Standard 9. CONSTANT MONITORING AND PERIODIC GRADE PROGRAM					
9	The educational organization should monitor and periodical evaluation programs for Togo, to guarantee what they reach his goals And answer needs students And society. results these processes should lead to continuous improvement programs. Everything interested faces should be informed about any planned or undertaken actions in regarding programs.		+		
Standard 10. PERIODIC PROCEDURES EXTERNAL SECURITIES QUALITIES					
10	The organization of education must undergo external quality assurance procedures in accordance with European standards And recommendations (ESG) on a regular basis.		+		
Total		1	8	1	0