



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

about results of work of the external expert Commission for the assessment of conformity to Standards and guidance for international accreditation of foreign organizations of education and educational programs (based on ESG) educational programs
21.03.01 – "Oil and gas" orientation (profile) – "Operation and maintenance of oil production" of the "Grozny State Oil Technical University named after academician M. D. Millionshtchikov"

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

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING

External Expert Commission

*Addressed to
the IAAR Accreditation
Council*



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(I) LIST OF DESIGNATIONS AND ABBREVIATIONS

HEI – higher education institution;

SSHPE – state standard of higher professional education;

IT -information technology;

IS - information systems;

CED - Catalog of elective disciplines

MES of the TR – Ministry of Education and Science of the Republic of Tajikistan;

IAAR - Independent Agency for Accreditation and Rating;

RI – Research Institute;

RW - research work;

RWMS – research work of a master's student;

SRW – student's research work;

EO - educational organization;

EP - educational program;

TS – teaching staff;

TR – Republic of Tajikistan;

WC - Working Curriculum

MM – mass media;

QMS - quality management system;

IWUGT - independent work of undergraduates under the guidance of a teacher;

IWS - independent work of students;

IWSGT – independent work of students under the guidance of a teacher;

TSUC - Tajik State University of Commerce;

EMC - educational and methodical complex;

EMCD - educational and methodical complex of the discipline;

SWOT – Strengths, Weakness, Opportunities, Threats;

ISO – The International Organization for Standardization;

ECTS – European Credit Transfer System.

(II) INTRODUCTION

Based on the Guidelines for organizing and Conducting an external evaluation procedure in the process of accreditation of an educational organization and (or) an educational program (Order of the Director of the IAAR No. 42-17-OD dated June 30, 2017), Guidelines for organizing and conducting an on-line visit of an external expert commission (including a visit of an expert group on post-accreditation monitoring) for the period of restrictive measures in connection with the COVID-19 pandemic (Order of the Director General of the IAAR No. 58-20-OD dated July 01, 2020), in the period from October 26 to October 28, 2021, an external expert commission conducted an initial external assessment of the compliance of bachelor's degree educational programs: 08.03.01 - Construction; 09.03.02 - Information systems and technologies; 09.03.03 - Applied informatics; 21.03.01 - Oil and gas business, specialty: 21.05.01 - Applied Geodesy of the Grozny State Petroleum Technical University named after Academician M. D. Millionshchikov, within the framework of specialized international accreditation for compliance with the criteria of the IAAR agency.

The report of the external expert commission (EEC) contains an assessment of the submitted educational programs according to the IAAR criteria, recommendations of the EEC for further improvement of the evaluated educational programs and parameters of the profile of the evaluated educational programs of the Grozny State Oil Technical University named after Academician M. D. Millionshchikov.

The members of the EEC:

Chairman of the IAAR EEC - Belykh Yuri Eduardovich, PhD., Associate Professor, Vice-Rector of Yanka Kupala Grodno State University (Grodno, Republic of Belarus).

IAAR expert - Aldungarova Aliya Kairatovna, PhD, Associate Professor of Toraiyrov University (Pavlodar, Republic of Kazakhstan). Assessment of EP 08.03.01 – "Construction" orientation (profile) – "Industrial and civil construction".

IAAR expert - Ganagina Irina Gennadiyevna, Ph.D., Head of the Department of Space and Physical Geodesy, Siberian State University of Geosystems and Technologies (Novosibirsk, Russian Federation). Assessment EP 21.05.01 Applied geodesy, specialization "Engineering geodesy".

IAAR expert - Guzeva Tatiana Aleksandrovna, PhD, Associate Professor, Head of the Department of Educational Standards and Programs, Bauman Moscow State Technical University (Moscow, Russian Federation). Assessment EP 09.03.03 – "Applied informatics" orientation (profile) – "Applied informatics in economics".

The IAAR expert is Grakovsky Alexander Vladimirovich, Professor of the Faculty of Computer Science and Electronics at the Institute of Transport and Communications (Riga, Latvia). Evaluation of EP 09.03.02 "Information systems and technologies".

IAAR expert - Jamilam Abdulakhatovna Ismailova, PhD, Assistant Professor at the Institute of Geology and Oil and Gas Engineering of the K.I. Satpayev Kazakh National Research Technical University (Almaty, Republic of Kazakhstan). Assessment EP 21.03.01 – "Oil and gas business" focus (profile) – "Operation and maintenance of oil production facilities".

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

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

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

IAAR expert, student - Platonova Elena Sergeevna, 4th year student EP 21.03.01 Oil and gas business (profile "Operation and maintenance of oil production facilities") Russian State University of Oil and Gas (Gubkin National Research University) (Moscow, Russian Federation). Assessment EP 21.03.01 – "Oil and gas business" focus (profile) – "Operation and maintenance of oil production facilities".

IAAR expert, student - Aliev Emir Shamil oglu, 4th year student of EP 050604 "Geophysics" of the Azerbaijan State University of Petroleum and Industry (Baku, Republic of Azerbaijan). Assessment EP 21.05.01 Applied geodesy, specialization "Engineering geodesy".

IAAR Coordinator - Guliyash Balkenovna Niyazova, Project Manager for the institutional and specialized accreditation of universities of the Independent Accreditation and Rating Agency (Nur-Sultan, Republic of Kazakhstan).

(III) REPRESENTATION OF THE EDUCATIONAL ORGANIZATION

In 1920, the Higher Oil Technical School was organized in Grozny as part of eight departments, two of which were higher. In 1921, the Higher Oil Technical School was renamed the Oil Practical Institute, which in 1929 was reorganized into the Grozny Oil Institute. By the resolution of the Council of People's Commissars of the USSR dated July 3, 1929, the Grozny Oil Institute was included in the titular list of universities of the USSR.

By the decree of the Council of Ministers of the USSR dated 06/22/1973, the institute was named after its graduate academician M.D. Millionshchikov.

In the 1999/2000 academic year, due to military operations on the territory of the Chechen Republic, the Grozny Oil Institute did not function.

Pursuant to the decision of the Board of the Ministry of Education of the Russian Federation No. 2/1 of 01.02.2000, the program for the restoration of the Grozny Oil Institute was adopted (Order of the Ministry of Education of the Russian Federation No. 616 of 25.02.2000).

History of renaming:

1. By Order of the Ministry of Education of the Russian Federation No. 985 dated 05.04.2000, the Institute was renamed the Grozny State Oil Institute named after Academician M.D. Millionshchikov

2. By order of the Ministry of education of the Russian Federation dated 16.09.2002, No. 3293 renamed into Federal state educational institution of higher professional education "of the Grozny state oil Institute named after academician M. D. Millionshtchikov".

3. By order of the Ministry of education and science of the Russian Federation of May 16, 2011. No. 1622 renamed into Federal state educational institution of higher professional education "of the Grozny State Oil Technical University named after academician M. D. Millionshtchikov".

4. By Order of the Ministry of Education and Science of the Russian Federation No. 452 dated April 29, 2015, it was renamed into the Federal State Budgetary educational institution of Higher education "Grozny State Oil Technical University named after Academician M.D. Millionshchikov".

Grozny State Oil Technical University named after Academician M. D. Millionshtchikov engaged in educational activity on the basis of a License of the Federal service for supervision in the sphere of education and science series 90JI01 No. 0008503 of 19 June 2015 (valid indefinitely)

and certificate of state accreditation 90A01 No. 0001824 from 10 March 2016 (valid until March 10, 2022)

The control system consists of three bodies: the rector, the academic Council, the scientific and technical Council.

The structure of the Grozny State Oil Technical University named after Academician M. D. Millionshchikov includes 6 institutes, 32 departments, the Department of Magistracy, postgraduate studies, the high-tech center "Highpark", Lyceum, Faculty of Secondary Vocational Education, distance and e-learning center, etc.

The training takes place according to 95 full-time, part-time and part-time educational programs.

Training programs for qualified workers, employees (secondary vocational education), middle-level specialists (secondary vocational education), bachelor's degree, master's degree, specialty, training of highly qualified personnel (higher education), basic general education programs are equipped with equipped classrooms, facilities for practical training.

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

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 sciences - 10, candidates of sciences - 23, as well as graduate students and masters. The percentage of teaching staff with academic degrees and titles is 43%, the average age of university teaching staff is 47 years.

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 sector of electronic resources, the department of educational and scientific literature, the service department with a reading room, a common reading room with the sector of electronic resources, the total area of which is 37 sq.m. for 110 seats. The University has an electronic library system IPRbooks (license agreement No. 8048/21 until 01.07.2022), Lan (OEL Agreement NV-247 until 31.12.2023), a multidisciplinary educational resource "Student Consultant", which contains full-text scientific, educational and teaching materials.

In order to implement academic mobility, the university cooperates with 5 countries: Iraq, the Syrian Arab Republic, Turkey, South Korea, Kazakhstan, under an agreement with which universities have the opportunity to exchange publications and scientific research, support students and teachers in the exchange program.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

The educational program 21.03.01 - "Oil and gas business" orientation (profile) - "Operation and maintenance of oil production facilities" for external assessment for compliance with standards and guidelines for international accreditation of foreign educational organizations and educational programs (based on ESG) IAAR is presented for the first time.

(V) DESCRIPTION OF THE EEC VISIT

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

In order to coordinate the work of the EEC, an on-line meeting was held on 21.10.2021, during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and an agreement was reached on the choice of examination methods.

In order to obtain objective information on the evaluation of the university's activities, the members of the EEC used such methods as studying documentation, visual online inspection, observation, interviewing employees of various structural divisions, teachers, students, graduates and employers, questioning the teaching staff, 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 representatives took part in the meetings (Table 1).

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

Categories of participants	Quantity
Rector	1
Vice-Rector's building	5
Heads of structural divisions	8
Directors of institutes	5
Heads of departments	5
Teachers	4
Students	5
Graduates	5
Employers	3
Total	41

During the online tour, the members of the EEC got acquainted with the state of the material and technical base through a video file, which presents the educational and lecture halls of the university, the regional competence center for digital economy, the innovation center "Highpark", the center for vocational training, the laboratories of "General and Non-mechanical Chemistry", the laboratory of "Mechanics and Molecular Physics", the scientific and technical center for collective use "Modern Building Materials and Technologies", the scientific center "Geodesy, Cartography and Cadastre", a dormitory, sports clubs, etc.

At the online meeting of the EEC IAAR with the university's target groups, the mechanisms for implementing the university's policy were clarified and the specification of individual data presented in the university self-assessment report was carried out.

During the accreditation period, classes of students of the accredited EP were attended:

1. Hydraulics and oil and gas hydromechanics (Turluyev R. A., lecture);
2. Chemistry of oil and gas (Abdulmezhidova Z. A., lecture)
3. Construction and operation of gas and oil pipelines and gas and oil storages (Gazabieva Z. H., lecture)
4. Descriptive geometry and engineering computer graphics (Shuaipov A. A., etc.)
5. Oil production (R.H.Mollaev, lecture)

EEC experts watched videos about the practice base, as well as online questions were asked to the heads of the following partner organizations: OGPW-1 "Pravoberezhny", OGPW-3 "Starogroznensky", OGPW-4 "Oktyabrsky" of JSC "Grozneftegaz".

In accordance with the accreditation procedure, an online survey of 53 teachers and 42 students was conducted.

As part of the planned program, recommendations for improving the accredited educational program of the Grozny State Oil 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 ACCREDITATION STANDARDS

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

An educational organization should have a published quality assurance policy that is part of their strategic management. Internal stakeholders should develop and implement this policy through appropriate structures and processes involving external stakeholders.

The evidentiary part

Within the framework of strategic development to ensure the quality of educational and other activities in 2019, the process of developing a QMS in accordance with the national standard of the Russian Federation QMS – GOST R ISO 9001-2015 "Quality management systems. Requirements. (ISO 9001-2015) ».

The internal system for assessing the quality of education of the University is part of the quality management system of education, which is represented by a set of regulatory documents: internal regulations, regulations, orders, regulations and other local regulations, publicly available on the University's website (Documents. FSFEI HE " GSOTU named after M.D. Millionshchikov" (gstou.ru).

The coordinating function in the quality assessment system of education at GSOTU is performed by the Department for Educational and Methodological Work (hereinafter - DEMW), which developed the "Regulation on internal independent assessment of the quality of education (hereinafter - RIIAQE)" (approved by the First Vice-Rector of GSOTU at the meeting of the EMC on 26.06.2021, Protocol No. 10). The regulation has been developed in accordance with the Methodological Recommendations on the organization and conduct of an internal independent assessment of the quality of education in educational institutions of higher education for educational programs of higher education - bachelor's degree programs, specialty programs and master's degree programs (letter dated 02/15/2018 No. 05-436) and with the regulations of the Russian Federation.

The objects of the RIIAQE are the achievements of students in the process of mastering educational programs, scientific and pedagogical workers, their professional competence, the organization of the educational process.

The main subjects of the RIIAQE are students and graduates of the University, parents (legal representatives) of underage students, scientific and pedagogical staff of the University, administrative and managerial staff of the University, representatives of specialized and public organizations and enterprises.

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

- current, mid-term and intermediate certification of students in disciplines (modules);
- intermediate certification of students based on the results of practical training;
- intermediate certification of students based on the results of course work and projects, as well as participation in project activities;
- conducting entrance control of the level of readiness of students at the beginning of the study of the discipline (module);
- measures to control whether students have formed learning outcomes in previously studied disciplines (modules);
- state final certification of students.

An internal independent assessment of the quality of the work of the university teaching staff involved in the implementation of the EPHE is carried out within the framework of:

- conducting competitions of pedagogical skills;
- system monitoring of the qualification level of teaching staff;
- analysis of the portfolio of professional achievements of teaching staff;
- procedures for assessing the quality of work of teaching staff by students.

The following algorithm is used to account for the results of internal NOC:

1. Based on the results of the activities carried out within the framework of the internal NCO, the analysis of the collected information is carried out both at the level of heads of departments and at the level of university management with the participation of the director of the DEMW.

2. Based on the analysis, an action plan is developed collectively to eliminate the identified violations and shortcomings and further improve the quality of the educational process. The plan contains a list of measures, the timing of their execution, the names of the departments responsible for their execution, as well as a description of the planned results. The action plan is publicly available on the official website of the University to provide an opportunity for all interested parties to familiarize themselves with it.

3. The heads of the structural divisions listed in the plan (officials) take measures to implement the measures prescribed by the plan and submit a report to the DEMW based on the results of the work.

4. The Director of the DEMW organizes an audit of the implementation of the measures specified in the plan and analyzes the reports of the heads of structural divisions (officials) responsible for their implementation.

5. As the action plan is implemented, if necessary, its correction is carried out.

6. Based on the results of the implementation of the action plan, the director of the DEMW forms a final report and submits it to the first vice-rector of the university.

"The Regulation on the intra-university system of monitoring the quality of education" was developed on the basis of:

- Federal Law No. 273-FL of 29.12.2012 "On Education in the Russian Federation";
- Federal State Educational Standards of Higher Education;
- Charter of the GSOTU named after M.D. Millionshchikov;

- Regulations on the procedure for the organization and implementation of educational activities for educational programs of higher education - bachelor's degree programs, specialty programs, master's degree programs at the GSOTU named after M.D. Millionshchikov.

The monitoring system provides for the solution of the following tasks:

- collection, accounting, analysis and control of the organization, planning and implementation of educational, scientific, educational processes, their provision with documentation and methodological materials;

- organization of current, planned, complex, thematic and other types and forms of control of the results of educational, scientific, educational processes at various stages;

- analysis and evaluation of the effectiveness of the results of the activities of the teaching staff, administrative, managerial and support staff for the organization, provision and implementation of the educational process;

- formation of proposals for the improvement and development of all the constituent elements of the educational process of the university. The structure of the monitoring system of the educational process and the quality of education consists of two subsystems: external and internal.

Elements of the external evaluation system include:

- federal monitoring of the effectiveness of universities, providing an assessment of the fulfillment of consumer requirements in the person of the state;

- state accreditation, the purpose of which is to establish compliance of the content, the level of quality of graduate training with the requirements of federal state educational standards (hereinafter referred to as the Federal State Educational Standard);

- the state final certification of graduates, the purpose of which is to assess the quality of mastering the basic educational program by graduates, to establish the level of training of university graduates to perform professional tasks and compliance of their training with the requirements of the Federal State Educational Standard.

The internal evaluation system includes:

- self-examination procedures, the purpose of which is to analyze the activities of the University, develop recommendations to eliminate inconsistencies in procedures, processes and the 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 university's activities and results in the field of quality;

- rating assessment of the activity 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 institutes and departments in the implementation of educational programs;

- entrance quality control of the preparation of applicants, the purpose of which is to assess the level of preparedness of applicants, the development of a system that promotes additional training of first-year students, its improvement in accordance with the level of requirements of the university;

- mid-term, intermediate attestations and ongoing control, the purpose of which is to assess the level of mastering by students of the contents of training courses;

- 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 activity, readiness for professional growth.

The control measures of the monitoring system are systematic, planned, operational, coordinated, and cover all structural divisions of the university. The results of monitoring control

measures are presented in the forms of analytical reports, reports, memos, etc. The analytical material contains a statement of facts, conclusions and, if necessary, suggestions for improving the quality of the educational process. Management decisions are made based on the results of the control, depending on its level, goals and objectives. The results of the control are the basis for: organizing and carrying out corrective and preventive actions, actions to improve the quality of the educational process at the university, planning the activities of the university for the appropriate period, attestation and evaluation of the effectiveness of the work of teaching staff and scientific and pedagogical workers, administrative and managerial personnel.

The conclusions of the EEC on this standard were confirmed in reports and dialogues held at meetings with the administration and management of GSOTU departments:

1. Interview with the Rector of GSOTU dated 26.10.2021.
2. Interview with the vice-rectors of GSOTU dated 26.10.2021.
3. Interview with the heads of structural divisions of GSOTU dated 26.10.2021.
4. Interview with the directors of the institutes of GSOTU dated 26.10.2021.
5. Interview with the heads of departments of GSOTU dated 26.10.2021.

Analytical part

Quality policy. The process of monitoring and evaluating the quality of educational activities of the university is described in a set of the following corporate regulatory documents published on the University's web portal:

- Regulations on University system of education quality monitoring, approved by the rector of FSFEI HE "Grozny state oil technical University named after academician M. D. Millionshtchikov" M. sh. by Mintsaeva 24.09.2020 G.;

- Regulation on internal independent assessment of the quality of education approved the first rector of FSFEI HE "Grozny state oil technical University named after academician M. D. Millionshtchikov" by I. G. Gairabekov on 26.06.2021;

EP Oil and gas business (profile "Operation and maintenance of production facilities") is being coordinated with the employers of JSC "Grozneftegaz", which was confirmed during interviews with industry representatives.

However, having the process of implementing the policy in the field of education quality at the Grozny state oil technical University named after academician M. D. Millionshtchikov, there is no documented existence of a developed Policy involving external stakeholders in the development, with the definition of goals and objectives, on the basis of which all Provisions for its implementation, including the University Development Strategy, should be developed.

Risk management. The program of strategic development of the FSFEI HE "Grozny state oil technical University named after academician M. D. Millionshtchikov" until 2030 contains a description of the activities and tasks for their development: educational, research and innovation, international and internationalization, digital transformation, human resources development, communication and reputation management, socio-economic development of the region, financial stability, management and responsibility structure.

However, the Development Strategy of GSOTU does not provide in its content an assessment of risks and ways to prevent them in the implementation of all areas of the university's activities. Accordingly, the experts of the EEC noted the lack of targeted actions on the part of the management of the EP in terms of forecasting risks during the implementation of the EP and the lack of mechanisms for their prevention and elimination.

Recommendations for EP 21.03.01 Oil and gas business, orientation (profile) "Operation and maintenance of oil production facilities":

1. The management of the university, by the beginning of the 2022-2023 academic year, to 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 university's activities and improve the quality of educational services and to begin its implementation from 2022-2023 academic year.

Conclusion of the EEC according to the criterion of the standard "Quality Assurance Policy" for EP 21.03.01 Oil and gas business Orientation (profile) "Operation and maintenance of oil production facilities" - suggests improvement.

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

An educational organization should have mechanisms for developing and approving its programs. Programs should be designed in accordance with the set goals, including the expected learning outcomes. The qualifications obtained as a result of mastering the program should be clearly defined, as well as explained, and should correspond to a certain level of the national qualifications framework in higher education and, consequently, the qualifications framework in the European Higher Education Area.

The evidentiary part

The university has mechanisms for the development and approval of the EP.

The University has defined the procedures for the development of the EP and their approval at the institutional level, as well as the procedure for the examination of the EP, 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 21.04.2021, Protocol No. 2).
- Regulations on the procedure for developing, approving and making changes to curricula (approved by the ACTING Rector on 08.11.2018, Protocol No. 2).
- Methodological recommendations for the development of adapted educational programs of higher education for persons with disabilities and the disabled, and their implementation (approved by the Rector on 29.10.2020)
- Methodological recommendations for the development of the work program of the discipline of higher education of FSES3++ (approved by the Rector on 21.04.2021, Protocol No. 3).
- Regulation on the procedure for the development and approval of educational programs of higher education of FSES3++ (approved by the Rector on 21.04.2021, Protocol No. 3).
- Regulations on the procedure for developing, approving and making changes to curricula developed in accordance with the FSES3++ (approved by the Rector on 21.04.2021, Protocol No. 2).

Accredited EP 21.03.01 Oil and gas business, focus (profile) The "Operation and Maintenance of oil production facilities" implemented by the University has been developed in accordance with the federal state educational standards of higher education of the Federal State Educational Standard of Higher Education and taking into account the requirements of relevant professional standards. The structure of the EP provides for various types of activities corresponding to the results of training: technological, project, organizational and managerial. The types of activities

provided for by the content of the EP are given in the curricula, work programs of the disciplines, as well as in the educational and methodological complexes of the disciplines.

EP 21.03.01 Oil and gas business, focus (profile) "Operation and maintenance of oil production facilities" operates in accordance with the goals, objectives and prospects of the national education system.

The purpose of the educational program in the direction of preparation 21.03.01 Oil and gas business is the development of students' personal qualities, as well as the implementation of a competent approach, individual work with each student, the formation of universal, general professional and recommended professional competencies, the list of which is approved in the Federal State Educational Standard of Higher Education. Tasks of the EP: - disciplines (modules); - practices, including research work (RW); - state final certification. A graduate who has mastered the bachelor's degree program, in accordance with the type (types) of professional activity that the bachelor's degree program is focused on, should be ready to solve professional tasks in technological activities, organizational and managerial activities, research activities.

Results of training 21.03.01 Oil and gas business, orientation (profile) "Operation and maintenance of oil production facilities" are determined by the competencies received, which are prescribed in the graduate models being developed. A graduate who has mastered the bachelor's degree program must have universal, general professional and professional competencies.

The qualification obtained as a result of mastering the Bachelor's degree program corresponds to the level of the national qualifications framework in higher education and the qualifications framework in the European Higher Education Area.

Employees from among the managers and employees of organizations whose activities are related to the profile of the program being implemented, who have a higher education in the profile of the educational program, an academic degree (preferably), work experience in specialized organizations for at least 3 years, who conduct systematic scientific work on the profile of the educational program, are involved in the development and implementation of educational programs. For cooperation, as a rule, organizations are chosen that are ready to provide students with places for practical training in the future, as well as organizations that are promising employers. The following employees from among the managers and employees of organizations take part in the implementation of EP 21.03.01 Oil and gas business: Jabrailov A.V. - Deputy General Director of the Main Geologist of JSC "Grozneftegaz"; Kagermanov A.A. - Chief Engineer of OGPW-3, Mayrukaev M.I. - Head of the oil and gas production site No. 4 OGPW-4 "Oktyabrsky", which was also confirmed during interviews with industry representatives.

In order to improve and update educational programs, the University constantly conducts sociological research among students, teachers, graduates and employers.

The representative of the external experts of the educational program 21.03.01 Oil and gas business for the last 5 years is Jabrailov Aindi Vahidovich - Deputy General Director-Chief Geologist of JSC "Grozneftegaz".

The results of the TS survey showed that:

- the needs of teaching staff are satisfied with the content of the educational program - 100 %;
- paying attention to the content of the educational program by the management of the educational institution - 100 %;
- formation of students' abilities in educational programs to be able to analyze situations and make forecasts - 100 %;

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

Analytical part

The model of EP formation is a process one, which assumes:

1. Drawing up a competent graduate model: - a survey is conducted of employers who describe a set of desired competencies:

- graduates are interviewed for their satisfaction with the correspondence between the knowledge, skills and abilities obtained in the course of studying at the University, and the modern requirements of employers.

- students are interviewed (optional) for expressing wishes regarding the content of the EP.

2. At the meeting of the working group, the information received is accumulated and structured

3. The profile of the EP is determined, taking into account the analyzed information, based on the requirements of the Federal State Educational Standard.

4. A competence model is formed based on the established FSES HE (UC, GPC and PC). As a result of mastering the bachelor's degree program, the graduate should have the competencies established by the EP.

5. Indicators of competence achievement are formulated for each competence. Based on them, the disciplinary structure of the plan is compiled in the status of the project.

6. The project is submitted for discussion with interested parties, corrected, discussed at a meeting of the working group and the graduating department. The final composition of the disciplines in the EP with the result of training in the form of an assessment satisfactory, good, excellent or credited is reflected after receiving education in the Appendix to the diploma.

7. On the basis of an agreed curriculum for each discipline and practice, a work program and a fund of evaluation tools, programs and Fund of evaluation funds of the state final certification are developed. The departments independently plan the results of training in disciplines and practices that are correlated with the indicators of competence achievement established in the EP. The totality of the planned results of training in disciplines and practices ensures the formation of all the competencies established by the EP in the graduate.

8. A complete set of documents on the EP is being formed, the DEMW evaluates the EP for compliance with federal legislation and local regulations of the University.

9. The EP is transferred to the external examination procedure to representatives of employers and students.

10. The requirements for the conditions for the implementation of the EP are formulated.

11. Then the EP is discussed and approved at a meeting of the Academic Council of the University, certified by the rector (first vice-rector).

12. The educational program as a single composite document is approved by the first Vice-Rector of the University.

Stakeholders (teachers, employers) are directly involved in all stages of EP design.

Employees from among the managers and employees of organizations whose activities are related to the profile of the program being implemented, who have a higher education in the profile of the educational program, an academic degree (preferably), work experience in specialized organizations for at least 3 years, who conduct systematic scientific work on the profile of the educational program, are involved in the development and implementation of educational programs.

The concept of equality on gender, national, religious, social grounds is reflected in the Internal Regulations of students, the Rules of internal labor regulations.

Structural content of the modular EP 21.03.01 Oil and gas business, orientation (profile "Operation and maintenance of oil production facilities") the quality of the internal content, the sufficiency of the acquired professional competencies of graduates and the results of training are agreed with representatives from employers who are external reviewers of the EP - representatives from employers participate in the procedure for conducting an expert examination of the EP. The procedure and selection of reviewers is carried out in accordance with the "Regulations on the

procedure for reviewing the educational program of higher education - bachelor's degree programs, specialty programs, master's degree programs" (approved by the Rector on 01.09.2020, Protocol No. 1. External reviews were presented to the experts of the EEC.

At the same time, there is an insufficiently high level of involvement of stakeholders at the stage of formation of the curriculum from neighboring regions. The following employees from among the managers and employees of organizations of JSC "Grozneftegaz" and other organizations of the Chechen Republic (RF) participate in the implementation of EP 21.03.01 Oil and Gas business. For positive positioning in the international space, the management of the EP is recommended to have an independent opinion from foreign representatives related to the profile of the activity of the accredited EP. To do this, the management of the EP needs to expand the boundaries of partnership in the field of international cooperation according to the profile of the accredited EP.

The revision of working curricula and curricula of academic disciplines is carried out annually in accordance with the goals and results of educational programs: the content of working programs of training courses, methodological materials, the fund of evaluation tools that ensure the implementation of appropriate educational technology, taking into account the development of science, technology, information technology, economics, culture and social policy is updated.

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. The management of EP 21.03.01 Oil and Gas business (profile "Operation and maintenance of oil production facilities") is recommended, in addition to national experts, to involve representatives from international experts, foreign educational organizations, foreign professional communities, etc. in reviewing and conducting external examinations of the IOS.

The conclusion of the EEC according to the criterion of the standard "Development and approval of the program" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

6.3 ESG. Part 1. The Standard "STUDENT-CENTERED LEARNING AND ASSESSMENT OF ACADEMIC PERFORMANCE"

The educational organization should ensure the implementation of the program in such a way as to encourage students to play an active role in the joint construction of the educational process, and that the assessment of students reflects this approach.

The evidentiary part

The university provides the following types of awarding scholarships to students:

- Scholarship of the President of the Russian Federation;
- scholarship of the Government of the Russian Federation;
- special state scholarship of the Government of the Russian Federation;
- state academic scholarship;
- increased state academic scholarship;
- scholarship named after Academician M.D. Millionshchikov;
- scholarship of the Academic Council of GSOTU;
- state social scholarship;
- personal scholarships;
- increased state scholarship for graduate students;
- state scholarship for graduate students.

In addition, Provisions have been developed on various types of support for students:

- Regulations on scholarship provision and other forms of material support for students and other categories studying at the FSFEI HE "Grozny state oil technical University named after academician M. D. Millionshtchikov";

- Regulations on the procedure for the provision and payment of one-time financial assistance to students at the FSFEI HE "Grozny state oil technical University named after academician M. D. Millionshtchikov";

- Regulations on scholarship provision and other forms of material support for students and other categories studying at the FSFEI HE "Grozny state oil technical University named after academician M. D. Millionshtchikov".

All provisions are publicly available on the university's website (<https://gstou.ru/sveden/grants/>), information is also brought through curatorial hours, information stands, social networks, etc. An interview with students on 27.10.2021 confirmed the awareness of students about the benefits, scholarships and various measures of encouragement, stimulation, support.

The University is involved in the social life of the Chechen Republic, in particular, actively participates in sports, cultural, public and social events: City Day, Labor Day, Chechen Women's Day, Constitution Day, Defender of the Fatherland Day, etc. The involvement of students is carried out on a voluntary basis.

The GSOTU ensures the objectivity of the mechanism for evaluating learning outcomes in the implementation of accredited EP, which includes procedures for conducting ongoing control, intermediate and (state) final certification and is regulated by:

- The regulation on the formation of the evaluation fund for the ongoing monitoring of academic performance and intermediate certification, approved by the Rector on 24.01.2020, Protocol No. 1.

- Regulations on the Fund of evaluation Funds, 08.11.2018, Protocol No. 2.

- The regulation on the point-rating system for evaluating the student's educational activity, approved by the Rector on 29.10.2020, Protocol No. 4.

- Fund of evaluation funds for the state final certification, approved by the First Vice-Rector on 01.09.2020, Protocol No. 1.

- The regulation on the forms, frequency and order of the current monitoring of academic performance and intermediate certification of students, approved by the Rector on 29.10.2020, Protocol No. 4.

- The regulation on the procedure for conducting the state final attestation of higher education educational programs - bachelor's degree programs, specialty programs and master's degree programs, approved by the rector on 11.06.2019, Protocol No. 11, which provides for an appeal procedure in case of violation of the final attestation procedure and (or) students' disagreement with the results of the state exam.

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 financial assistance.

Equal opportunities for students are achieved through the completeness of the educational and methodological, organizational, methodological and information support of the educational process. The principle of gender equality applies to all students. 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 rehabilitation program of the disabled person (if available), for students with disabilities - on the basis of educational programs adapted, if necessary, for the training of these persons

Students have the right to choose the place of practical training, including pre-graduate, and can also offer the topic of their scientific research, final qualifying work, choose a supervisor. Students have access to modern professional databases, information reference and search engines available on the Internet in accordance with the bachelor's degree program.

In order to attract students to scientific activities, to participate in scientific research, the University provides incentives for students in the form of various types of scholarships listed above, the accrual of which depends, among other things, on the research activities of students.

Academic rights and freedoms are enshrined in the Internal Regulations of students. Each student has the right to form an individual curriculum, which determines his individual educational trajectory. The student's assistant in choosing the learning path is the curator, who, if necessary, gives advice on the choice of elective and optional subjects of the educational program for students in accordance with the Regulations on the implementation of disciplines of choice for students in educational programs of higher education. Students have the right to make proposals for the adjustment of educational programs in terms of disciplines. Students have the right to choose the place of practical training, including pre-graduate, and can also offer the topic of their scientific research, final qualifying work, choose a supervisor. Students are provided with the possibility of rapid exchange of information with domestic and foreign educational organizations, access to modern professional databases, information reference and search engines available on the Internet in accordance with the bachelor's degree program.

In order to popularize science, early identification and support of talented youth, scientific student societies (SSSs) function: "Petrochemist", "Promyslovik" and "Geophysicist" "Mass media IAIT", "Programming Club", "English Language Club "British Bunker"", "Student Television Studio "IT-Media"", "ITPro Project Workshop", "Builder", "Geodesist", "Architect", "Manager-mentor", "Management Academy" (from 2020), "Financier", "Lawyer". During the reporting period, more than 200 events were held in the online/offline format with the participation of students, postgraduates, young scientists, including: conferences – 11, round tables - 27, trainings - 70, contests/Olympiads - 20, seminars - 39, etc.

230 reports were heard at various scientific conferences and seminars. 105 student papers have been published in the collections of scientific papers, of which: 9 published abroad, 20 without co-authors - university employees, 6 submitted for the competition for the best student work, 18 submitted for grant competitions, 4 of them won, scholarships of the President of the Russian Federation - 6, scholarships of the Government of the Russian Federation - 6. 7 articles have been published in publications included in Scopus.

IOG students also take an active part in the research work of the University, during the period under review (5 years), students published 12 articles in RSCI journals.

All university students have access to electronic library systems (IPR-books, Student Consultant), where full-text scientific, educational and teaching materials are placed.

Analytical part

When attending classes for students of 21.03.01 Oil and gas business (profile "Operation and maintenance of oil production facilities"), experts noted the classic type of presentation of lecture material. At the same time, the EEC experts note the good potential of the teaching staff of the department (work experience, teaching experience), the necessary production conditions (partner enterprises are representatives from Ministries in the field of training), the availability of contractual topics and participation in grant programs, so that the teaching staff of the department more productively used their accumulated experience and knowledge, the results obtained from the results of the implementation of contracts and scientific projects in the development of their own, individual teaching methods, as well as the use and development of innovative teaching methods.

According to interviews with students, the EEC experts revealed the involvement of students to participate in student leagues and competitions, which is also confirmed by the certificates of students to participate in the international engineering championship "Case in". At the same time, I would like to note the insufficient development of specialized communities of petroleum engineers, the development of which would allow students to express themselves among the international community of representatives of the oil and gas industry, participation in international oil and gas conferences, attracting foreign specialists to conduct guest lectures.

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. The management of EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities" is recommended to consider and implement proposals for the introduction of new teaching methods, with information reflected in the minutes of department meetings, as well as to broadcast the results of their own research, implemented in the educational process, on the university's web resource.

2. The management of EP 21.03.01 Oil and Gas Business, profile "Operation and maintenance of oil production facilities" is recommended to consider the possibility of opening international communities among students, such as the community of petroleum engineers and other international student associations.

The conclusion of the EEC according to the criterion of the standard "Student-centered learning and assessment of academic performance" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

6.4. ESG. Part 1. The Standard "ADMISSION, ACADEMIC PERFORMANCE, RECOGNITION AND CERTIFICATION OF STUDENTS"

The educational organization must have pre-defined, published and consistently applied rules governing all periods of the student "life cycle", i.e. admission, academic performance, recognition and certification.

The evidentiary part

The procedure for admission to the EP is regulated by the order of the Ministry of Education and Science of the Russian Federation dated 06/15/2020 No. 726 "On approval of the Procedure for admission to higher education educational programs - bachelor's degree programs, specialty programs, master's degree programs". 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 (Admission rules to the Grozny State Oil Technical University named after Academician M.D. Millionshchikova" for training in educational programs of higher education - bachelor's degree programs, specialty programs, master's degree programs for the 2021/22 academic year, approved by the Rector on 28.10.2020, Protocol No. 3, as amended on 20.02.2021, Protocol No. 7, 27.05.2021, Protocol No. 10). In its activities on the formation of a contingent of students, the admission committee of GSOTU is guided by the legislation of the Russian Federation and the GNI "Regulations on the Admission Committee" (approved by the Rector on 02/18/2021, Protocol No. 1).

The website of the University Admissions Committee contains information for applicants in accordance with the Rules of Admission to the University (Admission Campaign 2021 (gstou.ru)).

The Rules and Regulations are published on the University's website (https://gstou.ru/sveden/files/Pologhenie_o_priemnoy_komissii.pdf, [https://gstou.ru/sveden/files/a\)Pravila_priema_v_GSOTU_2021\(1\).pdf](https://gstou.ru/sveden/files/a)Pravila_priema_v_GSOTU_2021(1).pdf)).

According to the admission results, the contingent of students of EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities" 2016: full-time - 17, part-time 15; 2017: full-time - 17, part-time 27; 2018: full-time -18, part-time -21; 2019: full-time -22, part-time - 11; 2020: full-time 15, part-time -8. The number of foreign students: 2016 -1, 2017-2, 2018-2, 2019-1, 2020-2.

According to the accredited educational program, from 2016 to 2020, 6 (six) graduates took place – 172 people. Graduates of the University receive diplomas of completion of the established sample. Samples of educational documents were approved by the Order of the Ministry of Education and Science of the Russian Federation No. 1100 dated 01.10.2013 "On approval of samples and descriptions of documents on higher education and qualifications and appendices thereto".

The mechanism for recognizing the results of students, including those mastered during academic mobility, as well as the results of additional, formal and non-formal training is normatively fixed in:

- 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 29.10.2020, Protocol No. 4).

- Regulations on the procedure for organizing and implementing educational activities for additional professional programs, including the organization of training for the disabled and persons with disabilities (approved by the Rector on 12/24/2020, 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 Rector on 29.01.2019, Protocol No. 5).

- Regulation on the network form of implementation of educational programs (approved by the Rector on 29.10.2020, Protocol No. 4).

According to the accredited educational program, the University provides students with the opportunity to master elective (optional) and elective (mandatory elective disciplines). Students' choice of elective and elective subjects provided for in the curriculum is carried out voluntarily in accordance with individual educational needs. The organization of work on the formation of study groups studying for the study of elective and elective disciplines falls within the competence of the deans of faculties/directorates of institutes. The basis for enrolling in such groups is the student's questionnaire.

Students undergo an internal assessment of the quality of training, which is regulated by:

- The Regulation on the intra-university system of monitoring the quality of education, approved by the Rector on 09/24/2020.

- The Regulation on the internal independent assessment of the quality of education, approved by the First Vice-Rector of GSOTU on 26.06.2021.

Graduates of the University receive diplomas of completion of the established sample. Samples of educational documents were approved by the Order of the Ministry of Science and Higher Education of the Russian Federation No. 1100 dated 01.10.2013 "On approval of samples and descriptions of documents on higher education and qualifications and appendices thereto".

The Personnel Department accompanies the process of transfer and restoration of students, regulated by the Regulation on the procedure for transfer, expulsion and restoration of students,

approved by the Rector on 29.10.2020. The number of vacant places for admission (transfer) is posted on the University's website: <https://gstou.ru/sveden/vacant/>.

Procedures for assessing the level of knowledge, the formation of students' competencies are available electronically in the intra-university electronic information and educational environment (<http://edu.gstou.ru/>).

Analytical part

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 international mobility of teachers, students and university staff working in the field of international activities. Students of GSOTU have the opportunity to study at universities in the region, as well as at universities near and far abroad within the framework of the academic mobility program. For this purpose, the university has a "Regulation on the offset of the results of mastering open online courses and the offset of the results of mastering academic subjects, courses, disciplines (modules) practices, additional educational programs in other organizations engaged in educational activities" (approved by the Rector on 29.10.2020, Protocol No. 4). However, at the time of international accreditation, there was a lack of results on the implementation of the program "academic mobility of students" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities".

Within the framework of the EP, students are provided with the opportunity to master and choose a wide range of elective disciplines. The choice of these disciplines is carried out by students voluntarily in accordance with individual educational needs. According to the results of interviews with students, the experts of the Higher School of Economics revealed the presence of sufficient awareness of students about the possibilities of choosing elective disciplines, as well as sufficient assistance from curators in helping them choose these disciplines.

In addition, in the course of interviews with students, the existence of a mechanism for conducting appeals of students' works was confirmed, as well as satisfaction with the practice places provided.

Recommendations for EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities":

1. According to the EP "Oil and Gas Business" to develop and implement a program to increase partner organizations for international and internal mobility of students, including online.

The conclusion of the EEC according to the criterion of the standard "Admission, academic performance, recognition and certification of students" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

6.5. ESG. Part 1. Standard "TEACHING STAFF"

The organization of education should have objective and transparent processes of recruitment, professional growth and development of all personnel, which allow them to ensure the competence of their teachers.

The evidentiary part

The personnel policy of the University is reflected in a number of local regulations: the Program of strategic development of the FSFEI HE "Grozny state oil technical University named after academician M. D. Millionshtchikov" until 2030, approved by the rector on 02.09.2021, the Collective Agreement of GSOTU for 2018-2021, approved by the Rector and the chairman of the trade union organization on 28.09.2018, the Regulation on an effective contract, the Regulation on the procedure for holding a competition for the positions of researchers at the Grozny State Oil Technical University named after academician M.D. Millionshchikov"; Regulations on the

procedure for filling positions of teaching staff related to the teaching staff; Rules of internal labor regulations. All documents are posted on the University's website.

The procedure for planning and calculating the working time of scientific and pedagogical staff of the University, including the harmonic ratio of educational (all types of contact work: classes of lecture and seminar types, intermediate certification, consultations, etc.), scientific, creative, educational, 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 staff of the University are harmonized with the requirements of the Unified Qualification Directory of positions of managers, specialists and employees (section "Qualification characteristics of 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.

The EP is provided with qualified teaching staff. Teachers have an education and/or additional professional education corresponding to the academic disciplines taught; also, all teachers regularly undergo advanced training in accordance with the requirements of the Ministry of Science and Higher Education of the Russian Federation.

At least 60 percent of the number of University teaching staff participating in the implementation of the program and persons involved by the University in the implementation of the program on other terms (based on the number of replacement rates reduced to integer values) conduct scientific, educational, methodological and (or) practical work corresponding to the profile of the discipline (module) taught. At least 5% of the number of teaching staff of the University participating in the implementation of the EP, and persons involved in the implementation of the EP on other terms (based on the number of replacement rates reduced to integer values), must be managers and (or) employees of other organizations engaged in professional activities in the relevant field for which graduates are preparing and have at least 3 years of work experience in this professional field.

At least 50% of the number of teaching staff of the University and persons involved in educational activities on other terms (based on the number of substituted rates reduced to integer values) have an academic degree (including an academic degree obtained in a foreign state and recognized in the Russian Federation) and (or) an academic title (including an academic title obtained in a foreign state and recognized in the Russian Federation).

There are 41 full-time teachers in total of these, Doctors of sciences – 4 people, candidates of sciences - 17 people, without a degree - 20. Total scientific and pedagogical workers holding the position of professor - 3 people, associate professor - 19, senior lecturer - 16, assistant - 2, teacher - 1.

The average annual amount of research funding per scientific and pedagogical worker (in the 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.

At the University, annually concludes economic contracts with enterprises and organizations, scientific work is carried out with the involvement of teachers of the Institute of Oil and Gas. For example, in 2021, two agreements were implemented with the participation of the Department "Drilling, development and operation of oil and gas fields": 1. "Complex engineering surveys "Construction of the Tower hydroelectric station of the Chechen Republic". The amount of financing is 11,734,660.80 rubles. Initiator of the project: JSC "Institute Hidroproekt". Performers - Labazanov M.A., Khaladov A.Sh., Umaev A.A. 2. "Bitumen production on the territory of the Chechen Republic". Initiator of the project: RDIORPI OJSC. The amount of financing is 10,058,148 rubles. Performers - Khaladov A.Sh., Labazanov M.A., Aliyev I.I., Gazabieva Z.H.

The Institute of Oil and Gas participated in the implementation of the following projects: "Development of energy-saving technology for the production of oxidized bitumen under sonochemical activation" within the framework of the Federal Target Program "Research and Development in priority areas of development of the Scientific and Technical Complex of Russia for 2014-2020 (jointly with Samara State Technical University); - "Production of low-grade diesel fuels at Russian refineries: state and prospects" (jointly with V.D. Shashin Tatneft Public Joint Stock Company (V.D. Shashin Tatneft PJSC)); "Production of oxidized bitumen for various purposes with the addition of rubber-technical products and polymers" (jointly with V.D. Shashin Tatneft Public Joint Stock Company (PJSC V.D. Shashin Tatneft)).

The staff of the department participated in the Federal target program "Research and development in priority areas of development of the scientific and technological complex of Russia for 2014-2020". The project title is "Development of an integrated method for controlling the rheological properties of oil and petroleum products for their use in production and transportation, including in the conditions of the Far North and the Arctic". They also participated in the Russian Foundation for Basic Research (RFBR).

Every three years, teachers undergo advanced training. For the 2019-2020 academic year, the number of teachers who have undergone advanced training and retraining amounted to more than 200 people, of which 40 people are IOG.

The conclusions of the EEC on this standard were confirmed in reports and dialogues held at meetings with the administration and employees of the departments of GSOTU.

Analytical part

The GSOTU manages the personnel potential of the teaching staff in accordance with its development strategy and taking into account the specifics of accredited EP.

The EP is provided with qualified teaching staff. Teachers have an education and/or additional professional education corresponding to the academic disciplines taught and regularly undergo advanced training in accordance with the requirements of the Ministry of Science and Higher Education of the Russian Federation.

An interview with the University Management showed a fairly clear strategy of the university in the field of development of internalization and international cooperation with universities of the near and far abroad, to ensure recognition of the university's status in the international field. In this regard, the EEC experts note the good potential of teaching staff to participate in international programs, for example, in Erasmus +, Jean Monnet - Erasmus +, Marie Skłodowska-Curie, off-line and on-line academic mobility, etc. To do this, the management of the EP needs to expand the geography of cooperation with partner universities, going beyond the borders of the Russian Federation, by harmonizing modules with the MEP of foreign universities corresponding to the profile of the EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities".

Recommendations for EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities":

1. The management of EP 21.03.01 Oil and Gas Business (profile "Operation and maintenance of oil production facilities") is recommended to develop an action plan aimed at developing professional cooperation with foreign educational organizations for the participation of teaching staff in academic mobility, as well as attracting foreign teachers.

The conclusion of the EEC according to the criterion of the standard "Teaching staff" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

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

The organization of education should ensure that sufficient, accessible and appropriate educational resources and student support services are available.

The evidentiary part

The infrastructure of educational resources that ensures the implementation of the EP 21.03.01 Oil and Gas business profile "Operation and maintenance of oil production facilities" complies with the Federal State Educational Standard and federal legislation, is determined by the Federal Law "On Education in the Russian Federation" dated 29.12.2012 No. 273-FL (ed. dated 26.07.2019) and is sufficient to achieve the goals of the EP.

To carry out educational activities at the University, the necessary property complex has been created and operates, which includes lecture halls, auditoriums, reading rooms, an educational part, departments, departments, gyms, catering facilities, a medical office, etc.

The material and technical base of the University consists of buildings equipped with scientific and educational laboratories, computer classes and specialized classrooms, as well as corresponding to the federal state standard in the field of training.

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

1. The area of educational and laboratory premises is 55810.0 sq.m, including:
 - area classrooms – 29447,0 sqm of it area indoor sports facilities 3921,0 sq. m.;
 - area intended for research units – 1214,0 sq. m.;
 - square outbuildings – 12663,0 sqm of it area catering – 1206,0 sq. m.;
 - educational support area – 12486,0 sq. m.
2. Square of dormitories 8623,0 sq. m.
3. Square of other buildings – 6833,0 sq. m.

Of the total area of the University intended for the implementation of the set goals and solving tasks of both educational and scientific, socio-cultural, sports and recreational nature, the total area of the ICAD is 6177.7 sq.m., including:

- the area of educational premises – 3563.2 sq.m.;
- the area of educational and auxiliary premises - 1878.1 sq.m.;
- the area of auxiliary premises – 736.4 sq.m.

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

Technopark is a subject of scientific and innovative infrastructure that creates conditions favorable for the development of production in the scientific and technical sphere. The technopark is equipped with industrial, laboratory and experimental equipment and is a center for the formation and training of qualified high-tech personnel, combines an innovation and technology center, a technology transfer center, an education quality management center, an innovative scientific and educational center and 9 small innovative enterprises.

The highpark was opened in February 2019 and was created to support innovative entrepreneurship by forming 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 activity, commercial development of scientific knowledge, inventions, know-how and high-tech technologies and transfer them to the market of scientific and technical products in order to meet the needs for these products in the region.

The university has developed a network of information and communication equipment (Table 8).

Table 8 - Availability of information and communication equipment of GSOTU

Name of indicators	Total
Personal computers - a total of at the university	1297
Laptop	87
Monoblock	43
Multimedia projectors	144
Interactive whiteboards	34
Printers	120
Multifunctional devices	171

The University buildings have a high-speed Internet connection 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 Gbit/s. The maximum speed of fixed (wired and wireless) Internet access is 150 megabits/s.

The number of computer places in the university library for users is 30. All computers have Internet access. The library has local access to its own electronic documents, which include 9 databases of educational, 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 the ELS). All information on available electronic library systems and access conditions can be obtained in the section "Electronic Library Systems" on the library's website. Educational literature, which is part of electronic library systems, provides most of the disciplines implemented by the main educational programs.

According to the order of the Ministry of Education and Science of the Russian Federation No. 545 dated 02.04.2020 "On measures for the implementation by organizations subordinate to the Ministry of Science and Higher Education of the Russian Federation of the Decree of the President of the Russian Federation dated April 2, 2020 No. 239 "On measures to ensure the sanitary and epidemiological welfare of the population in the territory of the Russian Federation in connection with the spread of a new coronavirus infection (COVID-19)", all University students from 06.04.2020 were transferred to training using e-learning and distance educational technologies. The training sessions were conducted in accordance with the training load and the schedule of training sessions in the web conferencing mode in the systems: Cisco Webex, ZOOM and Skype. Daily inspections of the course of classes were carried out by the vice-rector for Academic Affairs, directors of institutes, the director of the DEMW and employees of the departments of the DEMW by visiting web conferences of teachers. In the same format, a summer test and examination session of full-time students was held, as well as training sessions and a test and examination session of full-time and part-time students.

The following local regulations have been developed for the organization and implementation of educational activities of the University with the use of e-learning and distance learning technologies:

- temporary regulation on the point-rating system for evaluating student's educational activities in the context of preventive measures related to the threat of coronavirus infection;
- regulations for the state final certification at the University in the 2019-2020 academic year with the use of DLT.

In October 2019, the Boiling Point of GSOTU was opened - a project of the national technological initiative, which opens on the basis of universities, to involve students in project

work, for which more than 60 events were held, most of which are educational. In March 2020, the Project "Elite Education of GSOTU " was launched as a "pilot" based on the Boiling Point of GSOTU. The first stage of the project - testing of students selected by the directors of the institutes, on the level of knowledge of the English language, has been completed. Based on the results of testing, groups were formed that were supposed to begin in-depth study of English in March 2020, but due to the introduction of restrictive measures due to coronavirus infection, classes began only in October 2020, which led to a significant shift in the terms and training program. In the future, students of this project will have two stages: - in-depth training in the field of technological entrepreneurship; - in-depth study of specialized disciplines in the field of the direction chosen by the student. Thus, at the exit, subject to successful completion of control measures, together with a diploma of higher education, the student receives a diploma of additional education, the main advantage of which will be the competitiveness of the graduate in the labor market.

As part of the implementation of the directions of educational and social work, a large number of events of the all-Russian, university, faculty and cathedral level were held at the University, a large number of youth projects were implemented, including: festivals, sports contests, intellectual competitions, events dedicated to public holidays and memorable dates; events within the popularization of science, culture and sports; meetings with representatives of law enforcement agencies, medical institutions, the department of spiritual and moral education; with representatives of legislative and executive authorities, science, culture and sports, etc. Active participation of students in various subtonics was organized. University students took an active part in almost all socio-political and cultural events held in the republic. They took an active part and became winners and prize-winners of a number of youth republican and regional projects in the field of science, culture and sports.

The University implements measures of social support for students. First of all, this applies to low-income students, orphans and semi-orphans, disabled people. Social support of employees and students was of particular relevance during the period of self-isolation. Students in need received additional financial assistance in the form of food packages. Students living in the hostel were exempted from the payment for accommodation in the 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 financial support for rehabilitation in the amount of 50 thousand rubles. from the University Staff and Faculty Union. Also, one-time financial assistance is provided to students in need. Every year, on the basis of contracts concluded with medical institutions of Grozny, medical examination and medical examination of students, faculty and staff of the University is carried out.

Appropriate conditions are created for students with disabilities to ensure the availability of education at the University. An "inclusive environment" is being created - ramps, access to library resources, the University's website has a version for the visually impaired, when concluding contracts with electronic library systems, services are included to provide students with audiobooks and textbooks, versions for the disabled.

At the University, and in particular, IOG, various special software tools are actively used to implement the educational program 21.03.01 Oil and Gas Business (WinPro 10 RUS Upgrade OLP NL Acdmc, WINHOME 10 RUS OLP NL Acdmc Legalization Get Genuine, Office Std 2019 RUS OLP NL Acdmc, Archicad, Autodesk, nanoCAD engineering BIM, "3D modeling (ACIS)"), for educational and scientific processes aimed at various groups of students, such as training computer programs on individual subjects or topics, program packages in areas, computer testing programs, electronic versions of reference books, encyclopedias, dictionaries, electronic versions of textbooks on individual subjects or topics, special software for scientific research,

electronic library systems, electronic legal reference systems, electronic document management systems, etc.

The premises for independent work of students in the direction of 21.03.01 Oil and gas business are equipped with educational furniture, computer furniture, interactive whiteboards, projectors, computer equipment with the ability to connect to the Internet and provide access to the electronic information and educational environment of the University.

The University meets all the requirements of fire safety and sanitary and epidemiological standards imposed on educational organizations. There is a sanitary and epidemiological conclusion No 20 ChR 88 000m. 000220.06.19 dated 25.06.2019 and a conclusion on the compliance of the object of protection with mandatory fire safety requirements dated 01.10.2020. Each educational program includes a mandatory discipline "Life safety".

Since the summer of 2017, the sports and recreation camp "Burevestnik" has been operating, located on the Black Sea coast in the village of Agoi of the Tuapse district of the Krasnodar Territory, which allows providing staff and employees with affordable rest during summer vacations. The cost of vouchers was compensated by financial assistance allocated by order of the rector.

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 of the Russian Federation". In accordance with the regulations established by the Order of the Ministry of Education and Science of the Russian Federation dated 03.12.2018 No. 69-n "On certain issues of providing social benefits to young scientists of organizations subordinate to the Ministry of Science and Higher Education of the Russian Federation for the purchase of residential premises", lists of young scientists were prepared with the attachment of documents required to participate in the events and sent to the Ministry of Education and Science of the Russian Federation.

At the end of the academic year, responsible departments, departments, laboratories make a list of equipment necessary for the purchase, repair, renovation, etc., etc. material support, these expenses form a plan of financial and economic activities for each responsibility center, which includes the entire register of upcoming purchases, expenses, etc. In addition, the annual work plan of the department and the work plan of the Institute reflect all the material resources of the departments with comments on the need for their replacement, renewal or repair. The annual inventory of property allows you to analyze and predict the needs of training units.

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

According to the results of the survey, 92.8% are satisfied with the level of accessibility of library resources, 95.2% of students are satisfied with the quality of services provided in libraries and reading rooms, 97.6% of students are satisfied with the support of educational materials in the learning process, 92.8% of students are satisfied with the availability of health services, 95.3% of students are satisfied with the availability of computer classes, 97.6% of students are satisfied with the availability and quality of Internet resources.

Analytical part

EEK got acquainted with the equipment of the material and technical base for implementation, estimated by EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities". According to 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 is functioning 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.

Teaching staff of the department provide students with all the necessary educational and methodological information. It is noted that professional software according to the profile of EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities", is similar to those used in the production industry, however, that in professional activity there is a need to possess special terminology used in computer programs exclusively in English.

Recommendations for EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities":

1. The management of the EP, when designing the educational program 21.03.01 Oil and Gas business (profile "Operation and maintenance of oil production facilities"), should provide for the study of special terminology in English for the successful study and application of professional software.

The conclusion of the EEC according to the criterion of the standard "Educational resources and student support systems" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

6.7. ESG. Part 1. INFORMATION MANAGEMENT Standard

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

The evidentiary part

Currently, the University has an Electronic information and Educational environment of GSOTU, which includes the categories:

- 1) distance learning;
- 2) electronic library systems;
- 3) electronic portfolio;
- 4) the results of the interim certification;
- 5) educational and methodical literature;
- 6) working programs of disciplines.

The main objectives of the information and educational environment are:

- organization of access to curricula, work programs of disciplines (modules), practices, assessment funds, publications of electronic library systems and electronic educational resources specified in work programs, as well as to educational materials of disciplines in remote access mode;
- fixing the progress of the educational process, current control and intermediate certification (automated system "SRS");
- conducting all types of classes, procedures for evaluating learning outcomes, the implementation of which involves the use of e-learning, distance learning technologies;
- formation of the student's electronic portfolio, including the preservation of the student's works, reviews and assessments of these works by any participants in the educational process, including employers (the University uses the information and educational portal "4 Portfolio" to form and maintain a portfolio of student achievements);
- creation of conditions for the organization of interaction between participants of the educational process, including synchronous and (or) asynchronous via the Internet.

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

Persons with access to personal data are allowed to work with the EIEE database. The control is carried out by the 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 quality of training of specialists, the University provides access to all teachers, employees and students to the information resources necessary for work and training. In all academic buildings and dormitories there is access to the internal network – teaching or educational, depending on the category of the contingent, in which the working programs of disciplines and practices, the program of the state final certification, the fund of evaluation tools and methodological recommendations to students are placed.

A large amount of information about the University and institutes is distributed by the Creative Projects Support Department. The relevant structures of the University are engaged in the formation of a unified 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.

The achievements of students and teachers of the University are covered in news and announcements of the University and Institutes on the University's website, videos about various events in the life of the University and students, which are then posted on the University's website and on the University's Instagram account, 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 the market economy, is the demand for graduates in the labor market and the assessment of their degree of employment. Improving the 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 Department of Practice and Employment, which is part of the Department for Educational and methodological work. The University's website contains information on the vacancies offered and information about the employment of graduates (<https://gstou.ru/alumni/employment.php>).

Many graduates are quite successful in their careers, hold high positions in government and commercial structures. Information about the employment of full-time graduates of the direction 21.03.01 Oil and gas business (orientation (profile) "Operation and maintenance of oil production facilities") for 2020 -8 people.

According to the results of the survey, 22.6% answered the question about assessing the involvement of teaching staff in the process of making managerial and strategic decisions "very well", 69.8% answered "well", 7.5% answered "unsatisfactory answers".

Analytical part

The internal system of education quality assessment of GSOTU is aimed at providing management with operational, objective and reliable information about the state and development of the educational system, the educational process and the processes accompanying it and providing it, about the compliance of intermediate and final results with target settings and regulatory requirements. It forms an inseparable integrity with the external evaluation system, as it is focused on maximizing the quality of education and searching for reserves to improve it.

At the University, the internal assessment of the quality of education is continuous, systematic and systematic, so it is more appropriate to talk about monitoring the quality of education. So, in order to monitor the progress of students, a control system is used, which includes current,

intermediate and final control. Methods of current, intermediate and final control of disciplines are established in the funds of evaluation funds.

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, the EEC notes the lack of a mechanism for interactive interaction between structural units, including between teaching staff and students.

Recommendations for EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities":

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

The conclusion of the EEC according to the criterion of the standard "Information Management" for 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

6.8. ESG. Part 1. The Standard "INFORMING the PUBLIC"

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

The evidentiary part

In order to form open and publicly accessible information resources containing information about its activities, the University provides access to data on educational programs being implemented by posting them in information and telecommunications networks, including on the official Internet site (<https://gstou.ru/>).

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

In accordance with the Decree of the Government of the Russian Federation dated 10.07.2013 No. 582 (as amended. Resolutions of the Government of the Russian Federation dated 20.10.2015 No. 1120, dated 17.05.2017 No. 575, dated 07.08.2017 No. 944, dated 29.11.2018 No. 1439, dated 21.03.2019 No. 292) "On approval of the Rules for posting on the official website of an educational organization in the information- telecommunications network "Internet" and updates of information about the educational organization" and Federal Oversight Service for Education and Science Order No. 831 dated 08/14/2020 "On approval of Requirements for the structure of the official website of the educational organization in the information and telecommunications network "Internet" and the format of information presentation" on the University website (link) information about the educational organization is posted:

- basic information (name, date of creation, legal address, contact details, founder, availability of branches);
- structure and management bodies of an educational organization;
- documents (Charter, License for educational activities (with appendices), Certificate of state accreditation (with appendices), 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, recovery 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) staff;
- material and technical support and equipment of the educational process (information on the availability of equipped classrooms and facilities for practical classes, on the availability of libraries, on the availability of sports facilities, on the nutrition and health conditions 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 financial assistance to students, local regulations, orders);
- paid educational services (information on the procedure for providing paid educational services, information on the approval of tuition fees);
- anti-corruption (documents, links);
- financial and economic activity (financial and economic activity plan, indicators);
- vacant places for admission (transfer) of students (information on the procedure for admission (transfer) and vacant places for admission (transfer));
- accessible environment (information about special conditions for teaching disabled people and persons with disabilities, including specially equipped classrooms; about facilities for practical classes adapted for use by disabled people and persons with disabilities; about library(s) adapted for use by disabled people and persons with disabilities; about sports facilities adapted for use by disabled people and persons with disabilities; about the means of education and upbringing adapted for use by disabled people and persons with disabilities; about ensuring unhindered access to the buildings of an educational organization; about special nutrition conditions; about special health protection conditions);
- international cooperation (information on agreements concluded and planned to be concluded with foreign and (or) international organizations on education and science (if available); on international accreditation of educational programs (if available));
- schedule of students for the current semester.

Informing the public about the results of its activities, plans and innovations, the University, in addition to posting information on its website, 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 of the educational process to interact systematically. These activities also make it possible to assess the satisfaction of stakeholders in the quality of the information received and in its completeness.

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

Graduates of the University have the opportunity to get 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 "Job Fair of Job Training Places", organized by the Ministry of Labor, Employment and Social Development of the Chechen Republic. At the Fair, students and graduates hold meetings and conversations on topics of interest to them directly with the heads of enterprises, including representatives of educational institutions.

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

In order to reach the population more widely with information about the University's activities, social media platforms, for example, Instagram, are used. The University's account pages provide information about educational activities, scientific achievements of students, significant events in the Chechen Republic and in the world, about the cultural, creative and sports life of the University. Thus, the University promptly publishes complete information about its activities (including educational programs), in a clear, accurate, objective, relevant and accessible form.

The department carries out career guidance work in the following forms: - Departure to specialized colleges and technical schools; - Career guidance and information work in schools, technical schools, colleges, colleges of the Chechen Republic; - Conducting propaganda work by graduate students of the direction "Oil and gas business" with graduates of schools and technical schools; - Development and distribution of booklet products. In addition to participating in career guidance events organized by the University, the Institute of Oil and Gas, teachers of the department conduct career guidance conversations with parents of schoolchildren as part of parent meetings.

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

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

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

Analytical part

Analysis of the content of the official website of GSOTU, as well as interviews with students, staff and management staff made it possible to find out that all information about GSOTU is transparent and reliable, students and staff have the opportunity to contact the management on issues requiring permission through the official portal of the University. In addition, the website contains information about the financial activities of the University, personal data of teachers, information about open days, information about conferences for students held at the university, all-Russian conferences, etc.

The university's website provides information on cooperation with scientific/consulting organizations and educational organizations implementing such educational programs. The results of the university's activities and in the context of the EP are reflected in full.

The EEC believes that in order to strengthen the university's activities in the field of international cooperation, recognition at the world level, informing the foreign public about the implementation of the strategic development of the university, the university management needs to carry out targeted work on periodically filling the content with relevant information in English and keeping the English version of the site up to date.

Strengths for EP 21.03.01 Oil and gas business (profile "Operation and maintenance of oil production facilities"):

1. The university's website is designed and implemented at a high level, which provides interested parties with access to up-to-date information on educational, research, socio-educational, international activities and the necessary regulatory, methodological, legal, statistical and other information.

Recommendations for EP 21.03.01 Oil and gas business (profile "Operation and maintenance of oil production facilities"):

1. The management of EP 21.03.01 Oil and Gas business (profile "Operation and maintenance of oil production facilities") is recommended to keep up-to-date the English version of the page of the Institute and the department to inform about their activities and maintain their image at the international level, to attract international cooperation.

The conclusion of the EEC according to the criterion of the standard "Informing the public" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a strong position.

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

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

The evidentiary part

Every year, in connection with the development of science, culture, economics, technology, 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 continuously changing labor market conditions and in accordance with the Regulations for the formation, storage and updating of educational programs of higher education, EP are reviewed with the participation of stakeholders (employers, students, teachers) and changes are made in terms of the content of work programs of disciplines, the fund of evaluation funds, methodological materials, etc.

To monitor the changing requirements of employers to the qualifications of graduates, data from job sites, expert opinions of specialists from among employers, as well as an analysis of students' preferences in the study of elective disciplines are actively used. Educational program of the direction EP 21.03.01 Oil and gas business (orientation (profile) "Operation and maintenance of oil production facilities") agreed with employers - A.V. Dzhabrailov - Deputy General Director-Chief Geologist of JSC "Grozneftegaz"; A.A. Kagermanov - Chief Engineer of OPGW-3, M.I. Mayrukaev. - Head of the oil and gas production site No.4 OPGW-4 "Oktyabrsky". The Employers' Council considers the educational program, makes recommendations on the content of specialized disciplines, on practical training and, in general, on the quality of education.

The achievement of goals within the framework of the EP is monitored during the entire training period. Evaluation tools are presented in the form of competence-oriented EFF developed by departments for current, boundary control of students, intermediate certification, as well as for state final certification. EFF are used for operational assessment and continuous management of students' educational activities, to assess the degree of achievement of the planned learning outcomes upon completion of the discipline (module), practice in the form prescribed by the curriculum: credit, credit with assessment, exam, to establish during certification tests the degree of compliance of the formed competencies of graduates with the requirements of the FSES HE in the relevant field of training (specialty). The EFF allows you to assess the degree of formed competencies of students in the educational program.

According to the results of the survey of students, an annual formation of elective disciplines is carried out, changes are made to the sections of disciplines and practical training, students are offered topics of course projects and graduate qualified works in order to improve the quality of education.

The personal development of the student in the process of mastering the program is monitored within the framework of current, boundary and intermediate control, testing of residual knowledge, filling the portfolio. The University aims to create the necessary conditions not only for the training of competent specialists in the field of economics, but also for the personal identification of students, aimed at educating students with an active life position. Along with the development of

the educational program, conditions for scientific, cultural and sports activities have been created and improved for students.

Thus, the University monitors and periodically evaluates programs in order to ensure that it achieves its goal and meets the needs of students and society. The results of these processes ensure the continuous improvement of educational programs. All interested persons are informed in a timely manner about any planned or undertaken actions by the University in relation to these educational programs.

The conclusions of the EEC on this standard were confirmed in reports and dialogues held at meetings with the administration and employees of the departments of GSOTU.

Analytical part

Educational programs as a set of documents are reviewed and updated annually in accordance with the level of development of science, technology and the needs of all stakeholders. The procedure for updating is defined by federal legislation, internal documents in accordance with the Regulations on Internal Independent Assessment of the Quality of Education, organization standards, Regulations on the intra-university system for monitoring the quality of education, approved by the Rector and the First Projector of GSOTU on 26.06.2021 and 24.09.2020 and is controlled by the state. The achievement of goals within the framework of the EP is monitored throughout the entire training period.

To monitor the changing requirements of employers to the qualifications of graduates, data from job sites, expert opinions of specialists from among employers, as well as an analysis of students' preferences in the study of elective disciplines are actively used.

The achievement of goals within the framework of the EP is monitored during the entire training period. Evaluation tools are presented in the form of competence-oriented EEF developed by departments for current, boundary control of students, intermediate certification, as well as for state final certification.

Based on the results of the study of the self-assessment report and the results of the online visit to the university, the commission notes the following areas of further improvement: it is necessary to develop a mechanism for more active involvement of students, graduates and employers in the procedures for quality assurance of the content and implementation of the educational program; activation of the participation of students, graduates and employers in the procedures for assessing the quality of educational programs.

Recommendations for EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities":

1. It is recommended to analyze the results of the survey of students, graduates and employers of the EP 21.03.01 Oil and Gas business (profile "Operation and maintenance of oil production facilities") in order to identify specific recommendations and suggestions for improving the quality of the content and implementation of the EP, with the reflection of these recommendations in the minutes of meetings of the department.

The conclusion of the EEC according to the criterion of the standard "Continuous monitoring and periodic evaluation of programs" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

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

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

The evidentiary part

Periodic external quality assurance procedures allow evaluating the effectiveness of internal quality assurance processes. The external quality assurance procedure has different forms and is carried out at different levels. An external assessment of the quality of the implementation of the EP in the field of training is revealed in the state accreditation procedure - it 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. In 2019 conducted by the national accreditation examination programme higher education – magistracy and postgraduate study (order No. 1075 of July 24, 2019). The Certificate of state accreditation of March 10, 2016 registration number 1731 series 90A01 No. 0001824 (valid until March 10, 2022).

External quality assessment of the implementation of the EP in the direction of training is detected in the procedure of state accreditation is conducted periodically once in 6 years.

When implementing the EP, the mechanisms of functioning of the training quality assurance system established 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 evaluating activities; a system of external evaluation of the quality of the implementation of the EP; accounting and analysis of the opinions of employers and graduates of the university; agreements with foreign partners on student and teacher mobility programs, etc.

Analytical part

For GSOTU, the procedure of international accreditation according to European standards is carried out for the first time. It is necessary for the university to ensure that each university of the Russian Federation and all interested parties have access to information on the implementation of all recommendations and requirements that were made during the visit to the university and the study of the EP and the accreditation process.

Based on the results of the visit and the self-assessment report, the commission notes the following areas for improvement: it is necessary to start purposeful work on harmonizing the content of work programs, taking into account the international experience of the best universities in the field of EP.

Recommendations for EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities":

1. To ensure the availability of information for the public about the implementation of recommendations and requirements at the university based on the results of the external evaluation procedures of EP 21.03.01 Oil and Gas business (profile "Operation and maintenance of oil production facilities").

The conclusion of the EEC according to the criterion of the standard "Periodic external quality assurance procedures" for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" is a satisfactory position.

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

The standard "Quality Assurance Policy"

No strengths/best practices have been identified.

The standard "Development and approval of the program"

Strengths / best practices have not been identified.

The standard "Student-centered learning and assessment of academic

performance" Strengths / best practices have not been identified.

The standard "Admission, academic performance, recognition and certification of students"

Strengths / best practices have not been identified.

The standard "Teaching staff"

Strengths / best practices have not been identified.

The standard "Educational Resources and Student Support systems"

Strengths / best practices have not been identified.

The Information Management Standard

has no strengths/best practices identified.

The standard "Informing the public"

The university's website is designed and implemented at a high level, which provides interested parties with access to up-to-date information on educational, research, socio-educational, international activities and the necessary regulatory, methodological, legal, statistical and other information.

The standard "Continuous monitoring and periodic evaluation of programs"

Strengths / best practices have not been identified.

The standard "Periodic external quality assurance procedures"

Strengths/best practices have not been identified.

(VIII) REVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS

The standard "Quality Assurance Policy"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. The management of the university, by the beginning of the 2022-2023 academic year, to 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 to 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 university's activities and improve the quality of educational services and to begin its implementation from 2022-2023 academic year.

The standard "Development and approval of the program"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. The management of EP 21.03.01 Oil and Gas business profile "Operation and maintenance of oil production facilities" is recommended, in addition to national experts, to involve representatives from international experts, foreign educational organizations, foreign professional communities, etc. in reviewing and conducting external examinations of the MEP.

The standard "Student-centered learning and assessment of academic performance"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. The management of EP 21.03.01 Oil and Gas business profile "Operation and maintenance of oil production facilities" is recommended to consider and implement proposals for the introduction of new teaching methods, with information reflected in the minutes of department meetings, as well as broadcast the results of their own research, implemented in the educational process, on the university's web resource.

2. The management of EP 21.03.01 Oil and Gas business, profile "Operation and maintenance of oil production facilities" is recommended to consider the possibility of opening international communities among students, such as the community of petroleum engineers and other international student associations.

The standard "Admission, academic performance, recognition and certification of students"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. According to the EP "Oil and Gas Business", it is recommended to develop and implement a program to increase partner organizations for international and internal mobility of students, including online.

The standard "Teaching staff"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1 The management of EP 21.03.01 Oil and Gas business profile "Operation and maintenance of oil production facilities" is recommended to develop an action plan aimed at developing professional cooperation with foreign educational organizations for the participation of teaching staff in academic mobility, as well as attracting foreign teachers.

The standard "Educational resources and student support systems"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. The management of the EP, when designing the educational program 21.03.01 Oil and Gas business (profile "Operation and maintenance of oil production facilities"), should provide for the study of special terminology in English for the successful study and application of professional software.

The standard «Information Management»

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

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

The standard "Informing the public"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. The management of EP 21.03.01 Oil and Gas business (profile "Operation and maintenance of oil production facilities") is recommended to keep up-to-date the English version of the page of the Institute and the department to inform about their activities and maintain their image at the international level, to attract international cooperation.

The standard "Continuous monitoring and periodic evaluation of programs"

Recommendations for EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities":

1. It is recommended to analyze the results of the survey of students, graduates and employers of the EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities" in order to identify specific recommendations and suggestions for improving the quality of the content and implementation of the EP, with the reflection of these recommendations in the minutes of meetings of the department.

Standard "Periodic external quality assurance procedures"

Recommendations for EP 21.03.01 Oil and gas business, profile "Operation and maintenance of oil production facilities":

1. To ensure the availability of information for the public about the implementation of recommendations and requirements at the university based on the results of the external evaluation procedures of EP 21.03.01 Oil and gas business profile "Operation and maintenance of oil production facilities".

(IX) REVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION

During the work of the EEC, interviews were conducted with all participants in the educational process and structural units.

Based on the results of online communication with teaching staff, students and the University administration, convincing data were obtained indicating the systematic nature of work to improve

the quality of education, student learning conditions, the work of teaching staff and other university structures.

The members of the External Expert Commission of the Independent Accreditation and Rating Agency 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. To 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 university's activities 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 with regard to their performance as practice bases, but also with regard to the creation of joint research laboratories, basic departments, training and 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 the organization of 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. To activate the activities of the Alumni Association with the involvement of the Association in university projects.

8. To develop in the medium term a system of attracting employers to manage EP along with the academic environment and students.

9. To develop a mechanism to stimulate the use of teaching staff of online learning technologies based on electronic courses of disciplines, TCMIP and other ICTs, to provide advanced training courses for university teaching staff in the field of development and application in the educational process of courses of TCMIP, Coursera, etc.

Appendix 1. Evaluation table "PROGRAM PROFILE PARAMETERS"

Conclusion of the external expert commission on the assessment of the quality of the educational program 21.03.01 - "Oil and gas business" focus (profile) – "Operation and maintenance of oil production facilities"

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

№	International standards IAAR ESG Part 1.	The position of the organization of education			
		Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard 1. QUALITY ASSURANCE POLICY					
1	An educational organization should have a published quality assurance policy that is part of its strategic management. Internal stakeholders should develop and implement this policy through appropriate structures and processes involving external stakeholders.			+	
Standard 2. DEVELOPMENT AND APPROVAL OF THE PROGRAM					
2	An educational organization should have mechanisms for developing and approving its programs. Programs should be designed in accordance with the set goals, including the expected learning outcomes. The qualifications obtained as a result of mastering the program should be clearly defined, as well as explained, and should correspond to a certain level of the national qualifications framework in higher education and, consequently, the qualifications framework in the European Higher Education Area.		+		
Standard 3. STUDENT-CENTERED LEARNING AND PERFORMANCE ASSESSMENT					
3	The educational organization should ensure the implementation of the program in such a way as to encourage students to play an active role in the joint construction of the educational process, and that the assessment of students reflects this approach.		+		
Standard 4. ADMISSION, ACADEMIC PERFORMANCE, RECOGNITION AND CERTIFICATION OF STUDENTS					

4	The educational organization must have pre-defined, published and consistently applied rules governing all periods of the student "life cycle", i.e. admission, academic performance, recognition and certification.		+		
Standard 5. TEACHING STAFF					
5	The educational organization should have objective and transparent recruitment processes and professional growth and development of all staff, which allow them to ensure the competence of their teachers.		+		
Standard 6. EDUCATIONAL RESOURCES AND STUDENT SUPPORT SYSTEM					
6	The organization of education should ensure that sufficient, accessible and appropriate educational resources and student support services are available.		+		
Standard 7. INFORMATION MANAGEMENT					
7	An educational organization must ensure that it collects, analyzes and uses relevant information to effectively manage its activities and its educational programs.		+		
Standard 8. INFORMING THE PUBLIC					
8	The educational organization should inform the public about its activities (including programs). The information provided must be clear, reliable, objective, up-to-date and accessible.		+		
Standard 9. CONTINUOUS MONITORING AND PERIODIC EVALUATION OF PROGRAMS					
9	The educational organization should monitor and periodically evaluate programs in order to ensure that they achieve their goals and meet the needs of students and society. The results of these processes should lead to continuous improvement of programs. All interested parties should be informed of any planned or undertaken actions regarding the programs.		+		
Standard 10. PERIODIC EXTERNAL QUALITY ASSURANCE PROCEDURES					
10	The educational organization must undergo external quality assurance procedures in accordance with European Standards and Recommendations (ESG) on a regular basis.		+		
Total		1	8	1	0