



SUMMARY REPORT OF THE EXTERNAL EVALUATION

of the cluster of educational programmes in

- “Chemistry” (020100.62, 020100.68),
- “Fundamental and Applied Chemistry” (020201.65),
- “Energy and Resource Saving Processes in Chemical Technology and Biotechnology” (241000.62, 241000.68),

delivered by the Federal State Budgetary
Educational Institution «Dagestan State University”

While preparing this Summary Report we used information from the Self-Evaluation Report and the Report on the External Review of the cluster of educational programmes in "Chemistry" (020100.62, 020100.68), "Fundamental and Applied Chemistry" (020201.65), "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (241000.62, 241000.68), delivered by the Federal State Budgetary Educational Institution "Dagestan State University".

The presentation document for the use by the National Accreditation Board.

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GENERAL INFORMATION ON EDUCATIONAL INSTITUTION

Full name of the educational institution *Federal State Budgetary Educational Institution of Higher Professional Education "Dagestan State University" ("DSU")*

Founders *Ministry of Education and Science of the Russian Federation*

Year of foundation *1931 – Dagestan Pedagogical Institute
1957 – Dagestan State University*

Current state accreditation status:

Type *Educational Institution of Higher Professional Education*

Location *Republic of Dagestan, Makhachkala, Gadzhiyev Street, 43 «a»*

Rector *Doctor of Physical and Mathematical Sciences, professor Rabadanov Murtazali Hulataevich*

License *Series AAA №002178 reg. № 2083 dated from 31.01.2011 permanent*

State Accreditation *Certificate of State Accreditation Series 90A01 №0000586 reg. №0582 of 24.04.2013 valid till 24.04.2019*

Number of students *17302
among them:
full-time 9432
on-site and off-site 60
part-time 7810*

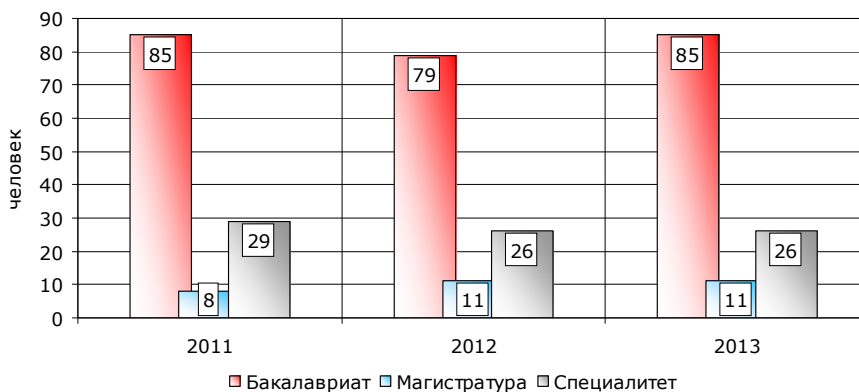
INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	<i>"Chemistry" (020100.62, 020100.68) "Fundamental and Applied Chemistry" (020201.65) "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (241000.62, 241000.68)</i>
Level of training / Standard period of training	<i>Bachelor's degree programme / 4 года Master's degree programme / 2 года Specialist degree programme / 5 лет</i>
Structural subdivisions (head)	<i>Faculty of Chemistry (Doctor of Chemistry, professor Ramazanov Arsen Shamsudinovich)</i>
Major departments (heads of major departments)	<i>Department of General Inorganic Chemistry (Doctor of Chemistry, professor Magomedbekov Ukhumaali Gadzhievich) Department of Ecological Chemistry and Technology (Doctor of Chemistry, professor Aliev Zazav Mustafaevich) Department of Analytical and Pharmaceutical Chemistry (Doctor of Chemistry, professor Ramazanov Arsen Shamsudinovich) Department of Physical and Organic Chemistry (Doctor of Chemistry, professor Shabanov Osman Mekhtievich)</i>
Date of the site visit	<i>September 16-18, 2014</i>
Person responsible for public accreditation of the study programme	<i>Head of the International Communication Department Giraev Kamal Magomedovich</i>

SAMPLING RESULTS OF THE PROJECT "THE BEST EDUCATIONAL PROGRAMMES OF INNOVATIVE RUSSIA"

Indicators	2014
Cluster of the educational programmes "Chemistry" (020100.62, 020100.68), "Fundamental and Applied Chemistry" (020201.65), "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (241000.62, 241000.68)	
Number of the given programmes in the RF	267
Number of higher educational institutions to offer the given programmes	124
Number of programmes – winners of the project (% from total amount of these programmes offered in the RF)	50 (19%)
Republic of Dagestan	
Number of the given programmes offered in the region	7
Number of programmes – winners of the project (% from total amount of these programmes offered in the region)	5 (71%)
Number of higher educational institutions and subsidiaries in the region	51
Total number of programmes offered in the region	241
Total number of programmes – winners of the project (% from total amount of these programmes offered in the region)	39 (16%)

REFERENCE DATA ON STUDENT ENROLLEMENT FOR PROGRAMMES



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMMES

Quality of the delivered educational programmes

The University is the winner of the competition in selection development programmes of innovative infrastructure of the leading HEIs of the country.

Educational programmes under accreditation were among the best in the frameworks of the all-Russian project "The Best Educational Programmes of Innovative Russia".

Teaching staff (competence of the teaching staff)

The study process at the Faculty of Chemistry is provided by a highly-qualified teaching staff which has a high professional and pedagogical training and experience of pedagogical work.

Employability of graduates

To coordinate questions related to employability of graduates of the University and their employment the University has a Employment Assistance Centre. Information about the professional activity and career achievements of graduates is placed at the website of the Faculty.

Provision of up-to-date education

The Faculty of Chemistry provides quality implementation of educational programmes in chemistry and chemical technology based on adoption of perspective educational technologies with account of the needs and tasks of the strategy of social and economic development of the republic and the country.

For constant improvement of curricula and conditions of education the University arranges quality control of education and teaching. That is why the University developed programmes of information creation and storage of databases of assessment materials in different spheres of knowledge; assessment materials, technologies and procedures of students' attestation; test base and universitywide bank of assessment materials in different spheres of knowledge to evaluate students' performance; expertise of test materials by experts in disciplines; carries out automated test control of remnant knowledge among students; arranges exams and tests in the form of net testing; conducts analysis of testing results.

Scientific activity

The Faculty of Chemistry arranges research activities in the frameworks of grants of different funds and federal grant programmes.

There are 5 student scientific organizations and one scientific school "Physical chemistry and Electrochemistry of fused and solid electrolytes" at the Faculty.

Young Scholars Board which represents interests of students, Master students, postgraduate students and teachers of the University -

Candidates and Doctors of Science aged up to 40 years – in the sphere of their scientific activity was founded at the Faculty in order to increase students' performance.

Material and technical base

There are 3 lecture rooms for 150 people, 18 academic and 5 research laboratories for 220-230 people, 11 scientific libraries. The total area is 1300-1400 m². The University has 3 hostels with the total capacity of 871 places.

A scientific library of the University is one of the largest libraries in Russia and North-Caucasus. Library collection is 2 472 268 items, it includes national and foreign scientific, academic and reference literature in field-specific disciplines of courses and programmes. Over 250 items including electronic data storage devices are taken out annually.

Academic mobility of students

As a result of implementation of a project "Improvement and development of Russian and international mobility of postgraduate students and young scholars of the HEI" for the last 3 years about 15 students of the Faculty of Chemistry of DSU had an opportunity to undertake internship at the leading universities of RF.

In the frameworks of participation in the programme of international academic exchanges "Mevlana" in 2013 3 students and 2 young teachers of the Faculty of Chemistry undertook a 2-week internship at the Fatih University and University of Erciyes (Turkey).

Since 2009 10 students from the Republic of Azerbaijan and 4 postgraduate students from the Republic of Yemen took training courses at the Faculty of Chemistry.

International projects

In 2013 in the frameworks of international academic cooperation the Faculty signed agreements on scientific partnership in the sphere of ecological and pharmaceutical chemistry with the following HEIs: the University of Science and Technology (Republic of Yemen, Sanaa); the Caspian State University of Technologies and Engineering named after S. Yesenov (Kazakhstan); Atyrau Institute of Oil and Gas (Kazakhstan); the Baku State University (Azerbaijan).

EXTERNAL REVIEW PANEL



Blaga Radovanović (Republic of Serbia)

Review Chair, foreign expert

Doctor of Chemical Sciences, professor, Department of Chemistry, Faculty of Natural Sciences and Mathematics, University of Niš

a nominee of the Serbian Commission for Accreditation and Quality Assurance (CAQA)



Vitaly Garkin (Russia)

Deputy Review Chair, Russian expert

Candidate of Chemical Sciences, assistant professor, Vice-Rector for Educational Affairs, Samara State University, member of the Guild of Experts in the sphere of professional education

a nominee of the Guild of Experts in the sphere of professional education



Marat Duisembiev (Republic of Kazakhstan)

Panel member, foreign expert

Candidate of Chemical Sciences, assistant professor, Department of Chemistry, L.N. Gumilyov Eurasian National University

a nominee of the Independent Kazakhstan Quality Assurance Agency for Education (IQAA)



Farida Palchaeva (Russia)

Panel member, representative of employers

Consultant, Department of State Programmes and Internal Audit, Ministry of Natural Resources and Ecology of the Republic of Dagestan

a nominee of the Ministry of Water Resources and Ecology of the Republic of Dagestan



Rustam Alkhanov (Russia)

Panel member, representative of students

Postgraduate student, Dagestan State Medical Academy

a nominee of the National Centre for Public Accreditation

COMPLIANCE OF THE EXTERNAL REVIEW OUTCOMES WITH THE NCPA'S STANDARDS

STANDARD 1. Policy (mission, vision) and procedures for quality assurance

Compliance with the standard: **partial compliance**

Good practice

Objectives and tasks of educational programmes are well-defined, documented, confirmed and published.

The quality of educational programmes is provided by compliance of objectives of the programmes and learning outcomes with expectations of students and demands of employers, country, strategic partners in realizing the mission of the University and strategic development programme of the University.

Check of achieving objectives of educational programmes is carried out in assessment of graduates' competences by employers. Changes in requirements of employers and strategic partners are taken into account in correcting objectives of educational programmes.

Training structure of graduates and lines of research are improved base on integration with the institutions of the Dagestan scientific centre RAS and by integration into economic clusters of innovative development of the Republic of Dagestan.

Implementation of educational objectives of programmes is conducted throughout all years of study by students' involvement into the work of student council, trade committee and youth committee Реализация воспитательных целей образовательных программ.

Quality management system is implemented and is fully functional.

Areas for improvement:

- It is necessary to improve interaction mechanism of participants of the educational process of all levels in terms of changes in legislation in the sphere of education, assessment criteria of the results and adoption of new educational standards.
- It is recommended to develop and adopt at the meeting of the Board of Studies of the University the development plan of local normative acts.

STANDARD 2. Approval, monitoring and periodic review of study programmes

Compliance with the standard: **substantial compliance**

Good practice

Curricula and educational programmes of different levels provide to a full extent consistency and succession of educational levels. The level of training of Bachelor students allows them to study modern methods of the physical and chemical analysis.

Working curricula are annually reviewed and corrected in May in advance of a new academic year. Working programmes of curricula are also reviewed periodically.

The Faculty of Chemistry takes into consideration opinion of students and potential employers in designing curricula and programmes of course units. There are elective disciplines, special courses. Potential employers participate in assessment of academic, field and research experience of Bachelor's and Master's degree students.

Documentation on the rules and procedures of internal quality control is developed and adopted.

Areas for improvement:

- Improve a mechanism of creation of assessment criteria in a competence-based format and their coordination with representative bodies of employers' unions of the Republic of Dagestan.
- Develop and adopt a local normative act which defines the order and conditions of transfer of students to an individual education plan.
- Review curricula in order to reduce the number of contact hours in disciplines which form general cultural competences in favor of the disciplines which form general professional competences.
- Include representatives of employers – graduates of the Faculty of Chemistry into the board of studies of the Faculty.
- Work out an annual questionnaire for employers representing all lines of professional activity of graduates of the Faculty of Chemistry.

STANDARD 3. Assessment of student learning outcomes / competencies

Compliance with the standard: **full compliance**

Good practice

Rating assessment system of students; performance is implemented, maximum point in each subject is 100. Modular academic and methodic complexes are developed in all disciplines of educational programmes and assessment criteria of students' performance are worked out in accordance with the point rating assessment system.

The system of Electronic deanery is introduced and provides a personal access to the results of preliminary and final attestation of students.

Students point out a high percentage of positive evaluation of business and moral qualities of teachers of the Faculty of Chemistry.

Students are involved in research at all stages of education.

In 2013 in the frameworks of participation in the programme of international academic exchanges "Mevlana" 3 students of the Faculty of Chemistry undertook a 2-week internship at the Fatih University and the Erciyev University (Turkey).

Areas for improvement:

- Attract employers to assessment of the level of formedness of cultural and professional competences in the course of preliminary attestation at senior courses of Bachelor's degree programme and during the whole period of study in the Master's programme.
- Improve academic mobility, language training of students oriented towards research and teaching activity.
- Give senior students an opportunity to undertake pre-graduation practical training in partner HEIs of the University on a competitive basis through the system of internal student grants.
- Include representatives of student self-governance bodies into the review board based on the outcomes of preliminary and final attestation.
- Use procedures of an independent assessment of learning outcomes on a regular basis.

STANDARD 4. Quality assurance of teaching staff

Compliance with the standard: **substantial compliance**

Good practice

There are 39 teachers at the Faculty of Chemistry including 7 Doctors of Science and 29 Candidates of Science; 8 teachers have a title of professor. A large majority of teachers of the Faculty of Chemistry have honoured titles of RF and the Republic of Dagestan.

Teachers are annually published in journals peer-reviewed in the citation base Web of Science.

People who have not only basic education but also carry out research in the field-specific discipline are involved in the study process.

In 2010 the University adopted an official system of rating assessment of professional activity of teachers. Rating results influence on the salary (commercial and compensating incentives). Mechanisms and criteria of assessment of teachers' competence are presented in detail in the Regulation on rating assessment of professional activity of teachers of the University.

The University pays great attention to professional development of teachers. On the basis of the University function:

- Advanced Training Faculty;
- Interdisciplinary Institution of Professional Retraining and Advanced Training of executive employees and specialists.
- Centre of Energy Performance and Energy Saving;

The project "Improvement and development of Russian and international mobility of postgraduate students and young scholars of the University" was implemented in the frameworks of the strategic development programme of the Dagestan State University.

Areas for improvement:

- Create a system of internal grants of the University aimed at participation of teachers in internships in the leading scientific centers.
- Provide implementation of innovative educational technologies into the teaching process of major chemical disciplines (inorganic chemistry, analytical chemistry, organic chemistry and physical chemistry).

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMMES

Abdullaev Makhram Gasanovich

Doctor of Chemistry, professor at the Department of Physical and Organic Chemistry

Aliev Zazav Mustafaevich

Doctor of Engineering Science, professor, RANS corresponding member, head of the Department of Ecological Chemistry and Technology

Alieva Sima Abilkasumovna

Candidate of Chemistry, subdean for educational work, assistant professor at the Department of Physical and Organic Chemistry

Babuev Magomed Abdurakhmanovich

Candidate of Chemistry, subdean for academic work, assistant professor at the Department of Analytical and Pharmaceutical Chemistry

Gafurov Malik Magomedovich

Doctor of Physical and Mathematical Sciences, academic secretary of the Dagestan scientific centre RAS, professor at the Department of Analytical and Pharmaceutical Chemistry

Magomedbekov Ukhumali Gadzhievich

Doctor of Chemistry, professor, vice-rector for human resources management and affiliates, head of the Department of Inorganic Chemistry

Kasparova Miasat Arsenovna

Candidate of Chemistry, subdean for career guidance work, assistant professor at the Department of General and Inorganic Chemistry

Ramazanov Arsen Shamsudinovich

Doctor of Chemistry, professor, dean of the Faculty of Chemistry, head of the Department of Analytical and Pharmaceutical Chemistry

Tataeva Sarizhat Dzhabrailovna

Candidate of Chemistry, assistant professor, subdean for research, professor at the Department of Analytical and Pharmaceutical Chemistry

Khidirov Shagabudin Shaidabekovich

Doctor of Chemistry, professor, professor at the Department of Physical and Organic Chemistry

Shabanov Osman Mekhtievich

Doctor of Chemistry, professor, RANS corresponding member, head of the Department of Physical and Organic Chemistry

STANDARD 5. Learning resources and student support

Compliance with the standard: **full compliance**

Good practice

There are 3 lecture rooms for 150 people, 18 university and 5 scientific laboratories for 220-230 people, 11 research laboratories. The total square is 1300-1400 m².

Every student of the Faculty has access to e-library. Students have access to computer classrooms in extracurricular time where they can perform independent work. The University has a high-speed unlimited Internet access through satellite and fiber channels providing free access to information nets of different levels.

A scientific library of the Dagestan State University is recognized as one of the largest libraries of Russia and North Caucasus. The University has a subscription to major information e-resources in the sphere of chemistry and chemical technology.

The Dagestan State University has 3 hostels for 871 people.

Students' opinion is taken into consideration in defining main parameters of preliminary attestation.

Areas for improvement:

- Improvement of material and technical support of laboratory courses in general professional disciplines and chemical technology.
- Create conditions for accessibility of educational environment for handicapped people.
- Renew laboratory equipment of practical courses in disciplines of first years of study.

STANDARD 6. Information system providing effective implementation of the study programme

Compliance with the standard: **substantial compliance**

Good practice

Educational process at the University is provided by the education quality management which includes 3 departments:

- Department of analysis and quality control of education.
- Department of social and psychological research.
- Department of testing and expertise.

The Faculty of Chemistry conducts annual questionnaire of students and graduates. In the framework of this survey they can assess the level of teaching at the Faculty, the material and technical base of the Faculty, the level of compliance of competences formed in the frameworks of educational programmes of the Faculty, requirements of the modern labour market.

Areas for improvement:

- Increase the number of electronic editions edited by teachers and staffing of the Faculty of Chemistry.
- Improve access to summary information about the main indicators of activity of the Faculty.

STANDARD 7. Public information

Compliance with the standard: **partial compliance**

Good practice

Transparency of information of the Faculty is provided through the official website of the Faculty <http://chem.dgu.ru> with information about all spheres of activity of the Faculty and traditional bulletin boards placed throughout academic building. The structure of the website allows inform public about major rating events at the Faculty.

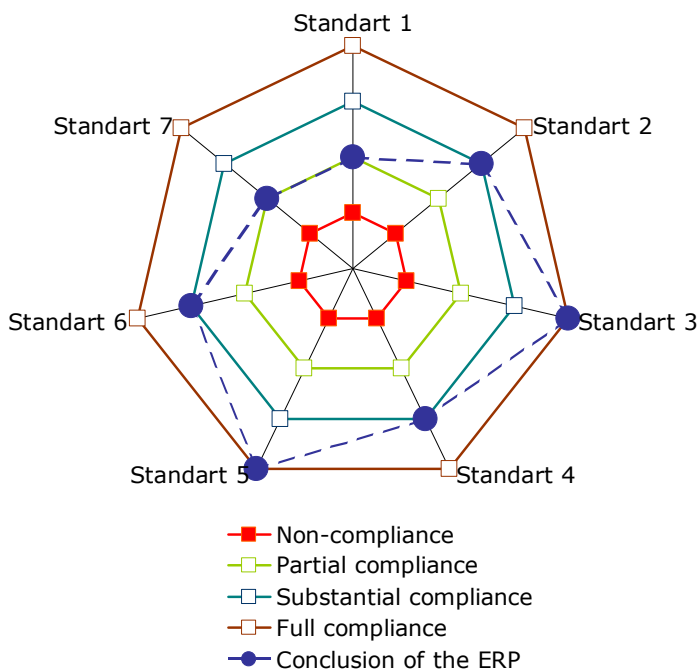
The website provides access to methodic materials for students and teachers, possibility for communication and interaction in e-form with all stakeholders.

Data on employment and in-demand of graduates are published at the site of the Faculty.

Areas for improvement:

- Present significant information about the achievements of educational programmes of the Faculty in the format used by recognized rating agencies.
- Supplement information about graduates' employment with data on their career growth.
- Work out a local normative act of the University defining requirements to the site of the Faculty regarding the structure and content of comparative information about achievements in implementation of educational programme at the University as well as against similar programmes in other educational institutions of the region.

DISTRIBUTION DIGRAM OF THE EXTERNAL REVIEW OUTCOMES



- Standard 1. Policy (mission, vision) and procedures for quality assurance
- Standard 2. Approval, monitoring and periodic review of programs and qualifications
- Standard 3. Assessment of student learning outcomes / competencies
- Standard 4. Quality assurance and competencies of teaching staff
- Standard 5. Learning resources and student support
- Standard 6. Information system providing effective implementation of the study program
- Standard 7. Public information

CONCLUSION OF THE EXTERNAL REVIEW PANEL

Based on the self-evaluation report analysis, documents and data submitted, interviews with the representatives of the professional communities, students, post graduates, doctor-degree students, staff and administration of the educational institution the External Review Panel came to the conclusion that educational programmes "Chemistry" (020100.62, 020100.68), "Fundamental and Applied Chemistry" (020201.65), "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (241000.62, 241000.68), delivered by the Federal State Budgetary Educational Institution "Dagestan State University", substantially comply with the standards and criteria of public accreditation of the National Centre for Public Accreditation.

The External Review Panel recommends the National Accreditation Board **to accredit the educational programmes "Chemistry" (020100.62, 020100.68), "Fundamental and Applied Chemistry" (020201.65), "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (241000.62, 241000.68), delivered by the Federal State Budgetary Educational Institution "Dagestan State University", for the period of 6 years.**

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Activity	Participants	Venue
September, 15			
Throughout the day	Meeting of the External Review Panel (ERP) members and coordinators of the review at the Airport, Makhachkala		Airport, Makhachkala
September, 16			
08.15	Arrival at DSU		Administrative building, DSU
08.30–10.00	Training for the ERP members	ERP	Training for the ERP members
10.00–10.15	Break		
10.15–11.15	Meeting of the ERP with the university administration and staff members responsible for accreditation	Rector, Vice-Rectors, Head, Department of International Relations, Head, Department of International Accreditation of the Educational Programmes, ERP	Administrative building, DSU conference hall
11.15–13.00	Excursion around the university	ERP	Faculty of Chemistry (CF), Scientific library, scientific laboratories, CCU AS, SIE LLC "Ecotech" and LLC "Ecovita".
13.00–14.00	Lunch		
14.00–15.00	Meeting with staff members responsible for accreditation of the area of learning	Dean of the Faculty, Deputy Deans, staff members, responsible for accreditation of the area of learning, ERP	CF, room 38
15.00–15.30	Internal meeting of the ERP	ERP	CF, room 27
15.30–16.30	Meeting with heads of departments	Chairs of departments, ERP	CF, room 38
16.30–17.00	Work with documentation	ERP	CF, room 27
17.00–18.00	Meeting with representatives of employers	Representatives of employers, ERP	CF, room 38
18.00–18.30	Internal meeting of the ERP	ERP	CF, room 27

Time	Activity	Participants	Venue
September, 17			
9.45	Arrival at DSU	ERP	CF
10.00–11.30	Meeting with students, Bachelor's and Master's degree students	Students, ERP	CF, room 38
11.30–12.00	Internal meeting of the ERP	ERP	CF, room 27
12.00–13.00	Meeting with postgraduates and doctoral degree students	Postgraduates, doctoral degree students, ERP	CF, room 38
13.00–14.00	Lunch		
14.00–15.00	Meeting with teaching staff	Teaching staff, ERP	CF, room 38
15.00–16.00	Work with documentation	ERP	CF, room 27
16.00–17.00	Meeting with alumni	Alumni, ERP	CF, room 38
17.00–18.00	Internal meeting of the ERP	ERP	CF, room 27
September, 18			
08.45	Arrival at DSU		
09.00–10.00	Attending classes (on request of the ERP members)	ERP	CF
10.00–13.00	Internal meeting of the ERP: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	CF, room 27
13.00–14.00	Lunch		
14.00–15.00	Closing meeting of the External Review Panel with DSU representatives	University administration, Dean of the Faculty of Chemistry, chair of the major departments, teaching staff, students, ERP	Administrative building, DSU conference hall

LIST OF THE PARTICIPANTS OF THE MEETINGS

HEI administration, responsible for accreditation:

Nº	Name	Position
1	Rabadanov Murtazali Khulataevich	Rector
2	Gasanov Magomed Magomedovich	Vice-rector for academic work
3	Girayev Kamal Magomedovich	Head of International Communication Department
4	Eminova Muminat Zakaryavna	Head of the Department of International Accreditation of Educational Programmes

People responsible for accreditation:

Nº	Name	Position
1	Ramazanov Arsen Shamsudinovich	Dean of the Faculty of Chemistry, head of the Department of Analytical and Pharmaceutical Chemistry, Doctor of Chemistry, professor
2	Babuev Magomed Abdurakhmanovich	Subdean for academic work, assistant professor at the Department of Analytical and Pharmaceutical Chemistry, Candidate of Chemistry
3	Isaev Abdulgalim Budaevich	Assistant professor at the Department of Ecological Chemistry and Technology, Candidate of Chemistry

Representatives of professional community:

Nº	Name	Position
1	Gafurov Malik Magomedovich	First Deputy Chairman of Presidium of the Dagestan Scientific Centre, RAS
2	Alkhasov Alibek Basirovich	Director of the Institute of Geothermal Problems, DSC of RAS, Doctor of Engineering Science
3	Ramazanov Omari Magomedovich	Deputy director of the State Regional Center for Standardization, Metrology and Testing
4	Magomedov Shikhamir Magomedovich	Director of hospital and pharmacy chain «Tselitel»
5	Chalaev Nariman Dzhabrailovich	Head of the Department of State Ecological Expertise, Nomination and Permitting Activities of the Federal Service Directorate in the sphere of water use (Rosprirodnadzor) for the Republic of Dagestan
6	Kadiev Alipkhan Yusupovich	Director of affiliated company Federal Budgetary Institution "Centre of laboratory analysis and technical metrology for the Southern Federal District – Republic of Dagestan

Heads of Major Departments:

Nº	Name	Position
1	Ramazanov Arsen Shamsudinovich	Head of Department of Analytical and Pharmaceutical Chemistry
2	Shabanov Osman Mekhtievich	Head of Department of Physical Chemistry
3	Magomedbekov Ukhumali Gadzhievich	Head of Department of Inorganic Chemistry
4	Aliev Zazav Mustafaevich	Head of Department of Ecological Chemistry and Technology

Teaching staff:

№	Name	Position
1	Gasanova Khadizhat Magomedovna	Assistant professor at the Department of General and Inorganic Chemistry
2	Gasangadzhieva Umukusum Guseinovna	Assistant professor at the Department of General and Inorganic Chemistry
3	Kasparova Miasat Arsenovna	Assistant professor at the Department of General and Inorganic Chemistry
4	Gadzhibalaeva Zariyat Malikovna	Assistant professor at the Department of General and Inorganic Chemistry
5	Gadzhiev Magomed Isaevich	Assistant professor at the Department of General and Inorganic Chemistry
6	Alieva Nina Magomedovna	Assistant professor at the Department of General and Inorganic Chemistry
7	Mangueva Zaira Magomed-Zakirovna	Assistant professor at the Department of General and Inorganic Chemistry
8	Etmisheva Sofia Seifulaevna	Senior teacher of the Department of General and Inorganic Chemistry
9	Kaimarazov Aleksander Ganievich	Assistant professor at the Department of General and Inorganic Chemistry
10	Verdiev Nadinbeg Nadinbegovich	Assistant professor at the Department of General and Inorganic Chemistry
11	Gasanova Fatima Gadzhimagomedovna	Assistant professor at the Department of Ecological Chemistry and Technology
12	Isaev Abdulgalim Budaevich	Assistant professor at the Department of Ecological Chemistry and Technology
13	Isakhanova Aminat Tagirovna	Assistant professor at the Department of Ecological Chemistry and Technology
14	Magomedova Dzhamilya Shamilovna	Assistant professor at the Department of Ecological Chemistry and Technology
15	Khizrieva Indira Khizrievna	Assistant professor at the Department of Ecological Chemistry and Technology
16	Tataeva Sarizhat Dzhabrailovna	Professor at the Department of Analytical and Pharmaceutical Chemistry
17	Mirzaeva Khamisat Akhmedovna	Assistant professor at the Department of Analytical and Pharmaceutical Chemistry
18	Babuev Magomed Abdurakhmanovich	Assistant professor at the Department of Analytical and Pharmaceutical Chemistry
19	Shakhbudinov Abdulzapir Shakhbudinovich	Assistant professor at the Department of Analytical and Pharmaceutical Chemistry
20	Garumova Madina Alieвна	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
21	Ibragimov Timur Algasanovich	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
22	Magomedova Zarema Magomedovna	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
23	Byurnieva Ulzana Gamzaevna	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
24	Yunusova Fatima Magomedbagovna	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
25	Abdullaev Mustanger Sharaputdinovich	Assistant professor at the Department of Analytical and Pharmaceutical Chemistry
26	Isaev Gabibullakh Abdurakhmanovich	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
27	Tumalaev Nariman Ramazanovich	Professor at the Department of Analytical and Pharmaceutical Chemistry
28	Gufurov Malik Magomedovich	Professor at the Department of Analytical and Pharmaceutical Chemistry

29	Zeinalov Ruslan Zeinalovich	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
30	Nazhaeva Svetlana Magomedgadzhievna	Senior teacher of the Department of Analytical and Pharmaceutical Chemistry
31	Khidirov Shagabudin Shaidabekovich	Professor at the Department of Physical and Organic Chemistry
32	Yunusov Kurban Magomedovich	Assistant professor at the Department of Physical and Organic Chemistry
33	Alieva Sima Abilkasumovna	Assistant professor at the Department of Physical and Organic Chemistry
34	Keremov Alirza Feremazovich	Assistant professor at the Department of Physical and Organic Chemistry
35	Babaeva Leonora Gyulievna	Assistant professor at the Department of Physical and Organic Chemistry
36	Magomedova Asiyat Omarovna	Assistant professor at the Department of Physical and Organic Chemistry
37	Ramazanova Patimat Abdulzhalilovna	Assistant professor at the Department of Physical and Organic Chemistry
38	Abdullaev Makhrum Gasanovich	Professor at the Department of Physical and Organic Chemistry
39	Suleimanov Sagim Ikramovich	Teacher of the Department of Physical and Organic Chemistry
40	Magomedova Mamlakat Magomedovna	Senior teacher the Department of Physical and Organic Chemistry

Post-graduates and doctoral degree students:

Nº	Name
1	Gasanova Fatima Gadzhimagomedovna
2	Akhmedov Magomed Abdurakhmanovich
3	Ali Abdusalam Mukhammed
4	Daudova Maryam Razhabalievna
5	Isaeva Patimat Magomedovna
6	Gasanova Zainap Gadzhievna
7	Shtanchaeva Maryam Gadzhimuradovna
8	Verdieva Zaira Nadinbegovna
9	Gadzhibalaeva Zariyat Malikovna
10	Goryachaya Viktoria Sergeevna
11	Kimpaeva Maya Magomedkerimovna
12	Dzhabrailova Indira Dzhabrailovna
13	Yusupov Aliaskhab Magomedovich
14	Esmail Galima Kasima
15	Gadzhieva Patimat Muratovna
16	Shakhbanov Kurban Shakhbanovich
17	Kaparova Madina Yusupovna

Graduates:

Nº	Name	Place of work	Position
1	Aidanova Zareta Adamovna	Pharmacy «D-pharm»	Pharmacist
2	Velieva Chrakhanum Ilyazovna	Pharmacy «Tselitel»	Pharmacy
3	Aliskerov Abduragim Raufovich	Office of forensic sciences – Regional affiliate of the Central office of forensic sciences for Southern Federal District, Rostov-on-Don	Head of the Department
4	Magomedov Kurban Udyardovich	Federal State Budgetary Educational Institution of Higher Professional Education "Dagestan State University"	Research engineer of analytical and pharmaceutical chemistry

5	Amirov Akhmed Magomedrasulovich	Analytical common use center of the Dagestan Scientific Centre, RAS	Research technician
6	Arslanbeikov Ruslan Khizrievich	OJSC "Caspian Flat Glass"	Chemist engineer
7	Khizriev Ramazan Khizrievich	Branch of the Federal Budgetary Institution "Centre of Laboratory Analysis and Technical Metrology for Southern Federal District – Republic of Dagestan	Head of the Department of Analytical Control
8	Kurbanov Magomed Sirazhutdinov	Public Chamber of the Republic of Dagestan	Science, culture, education and youth policy chairman
9	Shabanov Nabi Seidulakhovich	Federal State Budgetary Educational Institution "Dagestan State University"	Senior teacher of the Department of Physics and Solid Bodies

Students:

Nº	Name	Field of study	Year
1	Kazakhmedova Karina Mirzamedovna	020100 – "Chemistry" (Bachelor's programme)	2
2	Suleimanova Maripat Nasukhovna	020100 – "Chemistry" (Bachelor's programme)	2
3	Zulpukarova Zarema Magomedovna	020100 – "Chemistry" (Bachelor's programme)	2
4	Magomedova Asiyat Germanovna	020201.65 – "Fundamental and Applied Chemistry"	2
5	Magomedova Sabina Ibragimovna	020201.65 – «"Fundamental and Applied Chemistry"	2
6	Guseinova Zubaidat Makhachevna	020201.65 – "Fundamental and Applied Chemistry"	2
7	Amashaev Rustam Ruslanovich	020201.65 – "Fundamental and Applied Chemistry"	2
8	Ramazanova Anzhela Tadzhidinovna	020201.65 – "Fundamental and Applied Chemistry"	2
9	Abdullaev Arben Brenbekovich	020201.65 – "Fundamental and Applied Chemistry"	2
10	Sharbuzova Kamilat Abubakarovna	241000 – "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (Bachelor's programme)	2
11	Tsarueva Zidat Maratovna	020100 – "Chemistry" (Bachelor's programme)	3
12	Nanishева Patimat Magomedovna	020100 – "Chemistry" (Bachelor's programme)	3
13	Gadzhieva Madina Gydzhiyavovna	020100 – "Chemistry" (Bachelor's programme)	3
14	Ibragimova Farida Agamirzaevna	020100 – "Chemistry" (Bachelor's programme)	3
15	Radzhabova Roza Akhmedovna	020100 – "Chemistry" (Bachelor's programme)	3
16	Abdusalemova Galina Alikovna	020201.65 – "Fundamental and Applied Chemistry"	3
17	Ashurbekova Kristina Narimanovna	020201.65 – "Fundamental and Applied Chemistry"	3
18	Balakerimova Zarina Eduardovna	020201.65 – "Fundamental and Applied Chemistry"	3
19	Zakirova Samera Zaidinovna	020201.65 – "Fundamental and Applied Chemistry"	3
20	Ashurbekova Karina Narimanovna	020201.65 – "Fundamental and Applied Chemistry"	3
21	Dalgatova Marzhanat Muradovna	241000 – "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (Bachelor's programme)	3
22	Omarov Kamil Magomedovich	241000 – "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (Bachelor's programme)	3
23	Sulimova Anzhela Ziyadinovna	241000 – "Energy and Resource Saving Processes in Chemical Technology and Biotechnology" (Bachelor's programme)	3

24	Gyulov Ramis Tazhidinovich	241000 – “Energy and Resource Saving Processes in Chemical Technology and Biotechnology” (Bachelor’s programme)	3
25	Maksudova Saniyat Magomedovna	020100 – “Chemistry” (Bachelor’s programme)	4
26	Khanova Shakhrizat Taigybovna	020100 – “Chemistry” (Bachelor’s programme)	4
27	Alieva Oksana Arsenovna	020100 – “Chemistry” (Bachelor’s programme)	4
28	Abdulmadzhidova Khadyzhat Guseinovna	020100 – “Chemistry” (Bachelor’s programme)	4
29	Akhmedova Rukiyat Ibragimovna	020100 – “Chemistry” (Bachelor’s programme)	4
30	Gazarova Arzu Mirzakhan Kizy	020201.65 – “Fundamental and Applied Chemistry”	4
31	Isaeva Dzhamilya Selimovna	241000 – “Energy and Resource Saving Processes in Chemical Technology and Biotechnology” (Bachelor’s programme)	4
32	Magomedov Omaraskhab Magomedovich	241000 – “Energy and Resource Saving Processes in Chemical Technology and Biotechnology” (Bachelor’s programme)	4
33	Magomedova Zaira Abukamalovna	241000 – “Energy and Resource Saving Processes in Chemical Technology and Biotechnology” (Bachelor’s programme)	4
34	Medzhidov Abdurazak Kazimovich	241000 – “Energy and Resource Saving Processes in Chemical Technology and Biotechnology” (Bachelor’s programme)	4
35	Murtazalievna Zulhra Magomedgadzhievna	020100 – “Chemistry” (Master’s programme)	1
36	Shikhragimov Artur Muradikovich	020100 – “Chemistry” (Master’s programme)	1
37	Gasanova Madina Gasanovna	020100 – “Chemistry” (Master’s programme)	1
38	Rizvanova Shikhrizat Nabigullaevna	020100 – “Chemistry” (Master’s programme)	1
39	Abdullaeva Irina Rovshanovna	020100 – “Chemistry” (Master’s programme)	1
40	Kurchimagomedova Zumrud Gabibovna	020100 – “Chemistry” (Master’s programme)	1
41	Gadzhieva Patimat Mansurovna	020100 – “Chemistry” (Master’s programme)	1
42	Agabubaeva Shakhruzat Magomedragimovna	020100 – “Chemistry” (Master’s programme)	1
43	Khanova Khadyzhat Taigibovna	020100 – “Chemistry” (Master’s programme)	1
44	Saidibekova Gyulbnara Saidibekovna	020100 – “Chemistry” (Master’s programme)	1
45	Abdurakhmanova Amina Dzhabrailovna	020100 – “Chemistry” (Master’s programme)	2
46	Aidanova Zareta Adamovna	020100 – “Chemistry” (Master’s programme)	2
47	Gadzhiramazanovna Aishat Gadzhimagomedovna	020100 – “Chemistry” (Master’s programme)	2
48	Gatieva Sakinat Dzhabrailovna	020100 – “Chemistry” (Master’s programme)	2
49	Davudov Zaurbeg Sabirovich	020100 – “Chemistry” (Master’s programme)	2
50	Dallaev Rashid Sultanovich	020100 – “Chemistry” (Master’s programme)	2
51	Dzhabrailovna Zainab Magomedovna	020100 – “Chemistry” (Master’s programme)	2
52	Medzhidov Marat Nebievich	020100 – “Chemistry” (Master’s programme)	2
53	Rasulova Saida Magomedzagirovna	020100 – “Chemistry” (Master’s programme)	2