



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
МОРДОВСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ
ИМЕНИ Н. П. ОГАРЕВА




National Centre for
Public Accreditation

SUMMARY REPORT

on public accreditation of the cluster of educational
programmes in

- «Physics» (03.03.02, 03.04.02),
- «Chemistry, Physics and Mechanics of Materials»
(04.03.02),
- «Fundamental and Applied Chemistry» (04.05.01),
- «Chemistry» (04.03.01, 04.04.01),
- «Physics and Astronomy» (03.06.01),
- «Chemical Sciences» (04.06.01)

delivered by Ogarev Mordovia State University



2018

While preparing this presentation we used information from the Self Evaluation Report and the Report of the External Review Panel of the cluster of the educational programmes «Physics» (03.03.02, 03.04.02), «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Fundamental and Applied Chemistry» (04.05.01), «Chemistry» (04.03.01, 04.04.01), «Physics and Astronomy» (03.06.01), «Chemical Sciences» (04.06.01) delivered by Ogarev Mordovia 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	<i>Federal State Budgetary Educational Institution of Higher Education «Ogarev Mordovia State University»</i>
Founders	<i>Ministry of Education and Science of the Russian Federation</i>
Year of foundation	<i>1931 — Mordovia State Pedagogical Institute 1957 — Mordovia State University 1970 — Ogarev Mordovia State University 2010 — National Research Ogarev Mordovia State University 2016 — Federal State Budgetary Educational Institution of Higher Education «National Research Ogarev Mordovia State University»</i>
Location	<i>68 Bolshevistskaya Str., Saransk, Republic of Mordovia, 430005</i>
Rector	<i>Sergei Vdovin, Candidate of Economic Sciences, Associate Professor</i>
License	<i>Series 90Л01 №9255 reg. № 2218 dated 24.06.2016 permanent</i>
State accreditation	<i>Certificate of State Accreditation Series 90A01 № 2377, reg. №2256 dated 23.09.2016 valid till 31.05.2019</i>
Number of students	<i>15706 including: full-time 11144 on-site and off-site 467 part-time 4095</i>

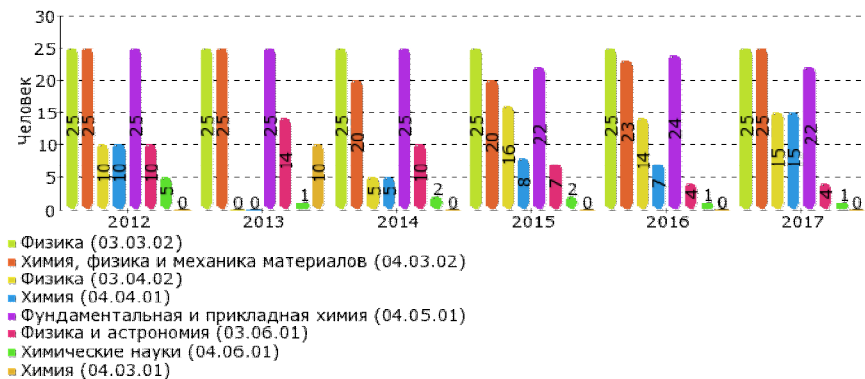
INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	<p>«Physics» (03.03.02) , «Chemistry, Physics and Mechanics of Materials» (04.03.02) , «Physics» (03.04.02) , «Chemistry» (04.04.01) , «Fundamental and Applied Chemistry» (04.05.01), «Chemistry» (04.03.01) , «Physics and Astronomy» (03.06.01) , «Chemical Sciences» (04.06.01)</p>
Level of training / Standard period of training	<p><i>Bachelor's Degree Programme / 4 years</i> <i>Master's Degree Programme / 2 years</i> <i>Chemist, Teacher of Chemistry / 5 years</i> <i>Researcher, Research Instructor / 4 years</i></p>
Structural subdivision (head)	<p><i>Physics and Chemistry Institute (Konstantin Nischev, Candidate of Physical and Mathematical Sciences, Associate Professor)</i></p>
Major departments (heads)	<p><i>Department of Experimental Physics (Aleksandr Ziuzin, Doctor of Physical and Mathematical Sciences, Professor)</i> <i>Department of Analytical Chemistry (Anatolii Osipov, Candidate of Chemical Sciences, Associate Professor)</i> <i>Department of General Physics (Konstantin Nischev, Candidate of Physical and Mathematical Sciences, Associate Professor)</i> <i>Department of Organic Chemistry (Viktor Vasin, Doctor of Chemical Sciences, Professor)</i> <i>Department of Theoretical Physics (Viktor Margulis, Doctor of Physical and Mathematical Sciences, Professor)</i> <i>Department of Physical Chemistry (Oleg Tomilin, Candidate of Chemical Sciences, Associate Professor)</i></p>
Date of the site visit	<p><i>21-23 November 2017</i></p>
Person responsible for public accreditation	<p><i>Sergei Kostriukov, Candidate of Chemical Sciences, Associate Professor, Deputy Director for Academic Affairs (Chemical Department of the Physics and Chemistry Institute)</i></p>

SAMPLING RESULTS OF THE PROJECT «THE BEST EDUCATIONAL PROGRAMMES OF INNOVATIVE RUSSIA»

Indicators	2017
Cluster of the educational programmes «Physics» (03.03.02, 03.04.02), «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Fundamental and Applied Chemistry» (04.05.01), «Chemistry» (04.03.01, 04.04.01)	
Number of the given programmes in the RF	359
Number of higher educational institutions to offer the given programmes	149
Number of programmes – winners of the project (% from total amount of these programmes offered in the RF)	20 (5,7%)
Republic of Mordovia	
Number of the given programmes offered in the region	6
Number of programmes – winners of the project (% from total amount of these programmes offered in the region)	2 (33,3%)
Number of higher educational institutions and branches in the region	10
Total number of programmes offered in the region	124
Total number of programmes – winners of the project (% from total amount of these programmes offered in the region)	33 (26,6%)

REFERENCE DATA ON STUDENT ENROLLEMENT FOR EDUCATIONAL PROGRAMMES



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMMES

Quality of the delivered educational programmes

Quality of the educational programmes of the Physics and Chemistry Institute is provided due to priority area for development of the University «Energy Saving and New Materials». In 2012 the University won the competition of the Ministry of Education and Science of the Russian Federation «Quality Systems of Graduates Training of Higher Education Institutions» in the nomination of «Recognized Perfection». The University is a member of the Association of Russian Classical Universities, the Volga Association of State Classical Universities, and a full member of the Eurasian Association of Classical Universities.

16 educational programmes of the University successfully passed public accreditation. One programme passed international accreditation. The educational programmes of the University are involved in the list of the best educational programmes of innovative Russia, including the cluster of the programmes undergoing accreditation (2014, 2016).

Providing up-to-date contents of education

The educational programmes of the Physics and Chemistry Institute are developed in accordance with the Federal State Educational Standards of Higher Education and take into account the requirements of federal and local normative acts. The Academic and Methodological Commission of the Institute regularly modernizes curricula and reviews the programmes with the account of demands of leading regional subject-specific organizations and suggestions of stakeholders. Results of teachers' research are used in the educational process. The cluster of the Master's Degree programmes is extended. Highly qualified experts from foreign countries (Great Britain, Belorussia) and from other universities (Moscow, Nizhny Novgorod) are involved in the educational process. Modern educational technologies are used.

Teaching staff

76 teachers work at the Institute on a regular basis: 10 Professors, Doctors of Sciences (13,1%); 56 Associate Professors (73,6%); 64 Candidates of Sciences (84,2%). Academic degree holders rate corresponds to the requirements of the Federal State Educational Standards of Higher Education and constitutes 94,9 %. The teaching staff systematically improves its qualification. More than 60 academic and methodological works were published by teachers for the last 5 years.

Independent assessment of knowledge

Since 2013 the Physics and Chemistry Institute participates in the project of the Federal Internet Exam in the Sphere of Professional Education, diagnostic Internet testing, Internet testing of residual

knowledge. Every year students of the Institute win subject-specific Olympiads.

Educational resources

Auditory fund of the educational programmes is equipped in accordance with modern requirements and provides implementation of all kinds of training. It includes 6 classrooms, 58 laboratories, 4 computer classes. Material and technical resources of the Institute are regularly renewed. Cluster of the educational programmes is provided with library resources that are renewed every month. The library provides an access to full-text database of foreign scientific periodicals: SCOPUS, Web of Science, scientific journals of the publishing house «Institute of Physics Publishing», Taylor and Francis, American Physical Society, bases of CSD-Enterprise, QUESTEL-ORBIT, etc.

In 2012-2016 teachers of the Institute published 193 articles in the journals of Web of Science and Scopus and 234 articles in the journals of RSCI.

Research activity

In 2012-2016 teachers filed 26 applications for different grants. 76 patents were received. The Chemistry and Physics Institute actively participates in competitions for financial support of research. Departments of the Institute cooperate in science with leading Russian higher education institutions. The University together with the institutes of the Russian Academy of Science, subject-specific faculties of Lobachevsky University of Nizhny Novgorod and Karpov Research Institute of Physics and Chemistry established four research and educational centres: «High-Purity Materials and Elements of Fiber Optics and Laser Technology»; «Physics of Modern Fiber Optics and Solid Lasers»; «Special Ceramic Materials for High-Technology Production»; «Magnetic Organic Materials».

Foreign universities (Finland, France, Great Britain, Romania, and Germany) are strategic partners of the Institute. Teachers serve scientific internships in research centres (46 internships in total, 9 of them are international (Great Britain, Ireland, Germany)) every year.

Leading teachers of the Institute direct student scientific organizations (Youth Innovative Centre «Medical Chemistry», Research and Educational Centres «High-Purity Materials and Elements of Fiber Optics and Laser Technology», «Physics of Modern Fiber Optics and Solid Lasers», «Special Ceramic Materials for High-Technology Production» and «Magnetic Materials on the Basis of Organic Molecular Assemblies»).

Academic mobility of students

Systematic work on involvement of students in research activities is carried out. Students actively participate in international and Russian conferences and Olympiads.

Students serve internships due to the programmes of academic mobility (Great Britain, France, Germany). 48 foreign students study at the Institute.

Employability of graduates

Employability of graduates is about 90%. They find jobs at the large industrial enterprises. Meetings, round tables, Career Fairs are held to increase the level of employment.

International projects

The Institute develops international scientific cooperation. Many projects are implemented together with the foreign partners: international grant of the Programme of the British Council «Internationalization of Higher Education» on the topic «Terahertz Solid State and Superconductive Electronics»; the project «Development of New Doped Glass Luminescent in Infrared Region» (Institute of Physics of the National Academy of Sciences of the Republic of Belarus); the project «Development of Nanocomposite Multiferroic Structures for Electronics and Spintronics» (IEMN, Lille, France). The master's degree programme of double degree «Physics of Micro- and Nanomaterials» (Loughborough University, Great Britain) is developed.

In 2013 the Physics and Chemistry Institute in cooperation with the company «Beneq» (Finland) opened the Laboratory of Atomic Layer Deposition of Thin Film Coatings (ALD). Foreign universities (University of Tartu, Estonia; Shanghai Institute of Ceramics, China) are the partners of the Laboratory for Optical Spectroscopy of Laser Materials.

In 2013 the International Networking Institute of Fundamental Research and Modern Technologies was opened on the basis of the Physics and Chemistry Institute to coordinate international scientific cooperation.

Joint scientific activity with research groups of foreign universities is carried out due to current agreements about scientific cooperation.

The educational programmes «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Chemistry» (04.03.01) successfully passed independent assessment of education quality on certified accredited pedagogic assessment materials in the frames of the project «Federal Internet Exam in the Sphere of Professional Education» (Quality Certificate № 2014/2/346 dated 06.03.2015).

**Направления подготовки
высшего образования**

010200.62 Математика и компьютерные науки
020100.62 Химия
020300.62 Химия, физика и механика материалов
022000.62 Экология и природопользование
030200.62 Политология
030300.62 Психология
030600.62 История
030900.62 Юриспруденция
035700.62 Лингвистика
040100.62 Социология
040400.62 Социальная работа
05.03.06 Экология и природопользование

.65 Лечебное дело
.65 Педиатрия
.65 Стоматология
.65 Фармация
.62 Государственное и муниципальное
управление
.62 Сервис
.62 Туризм
.62 Землеустройство и кадастры
.62 Теплоэнергетика и теплотехника
.62 Электроэнергетика и электротехника
.62 Управление качеством
.62 Программная инженерия
.62 Дизайн архитектурной среды

альным директором  В.Г. Наводнов

НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ ИНСТИТУТ
МОНИТОРИНГА КАЧЕСТВА ОБРАЗОВАНИЯ

**СЕРТИФИКАТ
КАЧЕСТВА**

№ 2014/2/346 от 06.03.2015

настоящим подтверждается, что
образовательные программы (Приложение)

федерального государственного
бюджетного образовательного учреждения
высшего профессионального образования

**"МОРДОВСКИЙ ГОСУДАРСТВЕННЫЙ
УНИВЕРСИТЕТ ИМ. Н.П. ОГАРЁВА"**


в период с 01 октября 2014 по 02 марта 2015 года
успешно прошли независимую оценку качества образования
по сертифицированным аккредитационным педагогическим
измерительным материалам (АПИМ)
в рамках проекта

«Федеральный Интернет-экзамен
в сфере профессионального образования»

Генеральный директор 

 В.Г. Наводнов

октябрь 2014 – февраль 2015



EXTERNAL REVIEW PANEL



Richard Shilling (Germany)

Review Chair, foreign expert

Doctor of Natural Sciences, Emeritus Professor of the Reutlingen University, Visiting Professor of Moscow Institute of Steel and Alloys, member of the German Engineering Society, member of the German Society for Chemical Engineering and Biotechnology, member of the Chemical Physics Section of German Physical Society

A nominee of the Accreditation, Certification and Quality Assurance Institute (ACQUIN)



Nikolai Prokopov (Russia)

Deputy Review Chair, Russian Expert

Doctor of Chemical Sciences, First Vice-Rector, Professor of the Department of Chemistry and Technology of High-Molecular Compounds, Moscow Technological University, member of the Guild of Experts in Higher Education

A nominee of the Guild of Experts in Higher Education



Giedrius Laukaitis (Lithuania)

Panel member, foreign expert

Doctor of Physical Sciences, Professor, Head of the Department of Physics, the Faculty of Mathematics and Natural Sciences, Kaunas University of Technology

A nominee of the Centre for Quality Assessment in Higher Education (SKVC)



Irina Kostina (Russia)

Panel member, representative of the professional community

Head of the Laboratory LLC «Distillery «Saranskiy»

A nominee of LLC «Distillery «Saranskiy»



Sergei Muntanilov (Russia)

Panel member, representative of the professional community

Director of the State Regional Centre for Standardization, Metrology and Tests in the Republic of Mordovia

A nominee of the State Regional Centre for Standardization, Metrology and Tests in the Republic of Mordovia



Anastasiya Mishina (Russia)

Panel member, representative of students

5th year student of the Faculty of Physics and Mathematics, Evseviev Mordovia State Pedagogical Institute

A nominee of Evseviev Mordovia State Pedagogical Institute

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMMES

Viktor Vasin

Doctor of Chemical Sciences, Professor, Head of the Department of Organic Chemistry

Sergei Vdovin

Candidate of Economic Sciences, Associate Professor, Rector, Professor of the Department of Management

Aleksandr Dolganov

Candidate of Chemical Sciences, Head of the Department of General and Inorganic Chemistry

Sergei Zhurin

Candidate of Physical and Mathematical Sciences, Associate Professor, Deputy Director for Academic Affairs (Physical Department of the Physics and Chemistry Institute)

Aleksandr Ziuzin

Doctor of Physical and Mathematical Sciences, Professor, Head of the Department of Experimental Physics

Konstantin Nischev

Candidate of Physical and Mathematical Sciences, Associate Professor, Director of the Physics and Chemistry Institute, Head of the Department of General Physics

Sergei Kostriukov

Candidate of Chemical Sciences, Associate Professor, Deputy Director for Academic Affairs (Chemical Department of the Physics and Chemistry Institute)

Viktor Margulis

Doctor of Physical and Mathematical Sciences, Professor, Head of the Department of Theoretical Physics

Anatoliy Osipov

Candidate of Chemical Sciences, Associate Professor, Head of the Department of Analytical Chemistry

Boris Tanaseichuk

Doctor of Chemical Sciences, Professor of the Department of Organic Chemistry

Oleg Tomilin

Candidate of Chemical Sciences, Associate Professor, Head of the Department of Physical Chemistry

Nikolai Fomin

Candidate of Physical and Mathematical Sciences, Professor, Head of the Department of Solid State Science

Aleksei Shorokhov

*Doctor of Physical and Mathematical Sciences, Associate Professor,
Professor of the Department of Theoretical Physics*

Vyacheslav Yudin

*Candidate of Physical and Mathematical Sciences, Associate Professor,
Deputy Head of the Department of Solid State Science*

COMPLIANCE OF THE EXTERNAL REVIEW OUTCOMES WITH THE STANDARDS

STANDARD 1. Policy (goals, development strategy) and quality assurance procedures of the educational programme

Compliance with the standard: **full compliance**

Good practice:

Purposes and development strategies of the educational programmes correspond to the mission and development strategy of the region, the University and the Institute.

A documented internal system of quality assurance provides continuous improvement of quality in accordance with the development strategy of the educational institution.

All stakeholders including subdivisions of the University, administration, teachers, students, employers, and graduates are involved in implementation of policy and procedures of quality assurance.

STANDARD 2. Design and approval of programmes

Compliance with the standard: **substantial compliance**

Good practice:

Clearly defined procedure of development, approval and correction of the educational programmes with the account of development of science and practice, as well as with the account of opinions of stakeholders (administration, teachers, students, employers) is in place.

Modern tendencies of science and practice, requirements of the region and the labour market, professional requirements are taken into account in the mission and purposes of the University.

Training on the educational programmes «Physics» (03.03.02, 03.04.02), «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Chemistry» (04.03.01, 04.04.01), «Physics and Astronomy» (03.06.01), «Chemical Sciences» (04.06.01) and the field of study «Fundamental and Applied Chemistry» (04.05.01) allow to achieve four goals of higher education determined by the Council of Europe: preparation for stable professional occupation, preparation for active citizenship in a democratic society, personal development, continuous development and supplement of the knowledge base with the help of teaching and research.

The educational programmes meet the demands of the regional labour market.

The Institute actively cooperates with employers to correct the educational programmes with the account of changing demands of the labour market.

Areas for improvement:

It is advisable to develop, approve and correct the cluster of the educational programmes together with the foreign partners.

It is recommended to pay attention to the specific character of the educational programmes when formulating learning outcomes.

STANDARD 3. Student-centered learning and assessment

Compliance with the standard: **full compliance**

Good practice:

Organization of the educational process is carried out in accordance with the requirements of different groups of students in making individual learning paths and with maintenance of optimal students' work.

Assessment procedures of quality of students' knowledge correspond to the requirements of normative acts and the Federal State Education Standards of Higher Education. Level-by-level formation of students' competences that correspond to expected learning outcomes, purposes and objectives of the educational programme is in place. Assessment of residual knowledge, formative and summative assessment on the disciplines of the educational programmes are carried out.

Practice-oriented training at the enterprises and laboratories allow the graduates to adjust quickly to work.

An electronic educational environment provides quality improvement of students' awareness about the educational programme, criteria and assessment procedures of learning outcomes/competences, exams and other forms of control.

Students regularly participate in the project of the Federal Internet Exam.

STANDARD 4. Student admission, support of academic achievements and graduation

Compliance with the standard: **full compliance**

Good practice:

The University administration made agreements with educational and administrative institutions on work on career guidance. Procedure of organization of employee-sponsored education is developed. It promotes

strengthening of relations with the educational complex of the region and provides graduates with jobs.

Possibilities and requirements of different groups of applicants are taken into account (applicants with secondary vocational education, people with health limitations, people with special rights, foreigners, etc.).

Systematic work on support of students' academic achievements is carried out on a legal and regulatory basis (orders, instructions), coordinating documentation (plans, reports) and represent consulting activity of teachers, supervisors of practice and graduation works.

A system of financial and non-financial support of students' academic achievements is in place.

The institute has optimal conditions for implementation of the Doctoral Degree Programmes.

The European Diploma Supplement facilitates the procedure of academic and professional recognition of qualifications to promote graduates' foreign training and employment in Europe, improve international competitiveness of the Russian system of higher education in whole.

Pupils are involved in research activities (Junior School Academy).

STANDARD 5. Teaching staff

Compliance with the standard: **full compliance**

Good practice:

Qualification of all teachers of the cluster of the educational programmes «Physics» (03.03.02, 03.04.02), «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Chemistry» (04.03.01, 04.04.01), «Physics and Astronomy» (03.06.01), «Chemical Sciences» (04.06.01) and the field of study «Fundamental and Applied Chemistry» (04.05.01) corresponds to the requirements of the Federal State Educational Standards of Higher Education.

Teachers do active educational and methodological work, develop teaching materials with the use of information technologies. Young teachers have the opportunities for professional development.

Teachers of the Institute do active research activities. They are members of the Dissertation Councils, supervise work of postgraduate students, present theses, publish research works in the journals with high impact factor, have high citation indexes in Web of Science, Scopus and RSCI, and participate in prestigious conferences.

The University has experience of international cooperation in research sphere. Teachers from other higher education institutions, including the foreign ones, are involved in the educational process both for full-time employment and to hold master classes, round tables and run review sessions.

The results of research are used in the educational process of the Graduate Departments.

Research, development and technological work is carried out in the frames of large projects implemented in cooperation with high technology enterprises of the region.

STANDARD 6. Learning resources and student support

Compliance with the standard: **full compliance**

Good practice:

Material and technical resources of the educational programmes «Physics» (03.03.02, 03.04.02), «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Chemistry» (04.03.01, 04.04.01), «Physics and Astronomy» (03.06.01), «Chemical Sciences» (04.06.01) and the field of study «Fundamental and Applied Chemistry» (04.05.01) allow to carry out the educational process in accordance with the Federal State Education Standards of Higher Education.

Students and teachers have an open access to national and foreign information resources and databases. All students are active users of electronic educational and research resources that provide high level of training of future experts.

Possibilities of the University scientific library provide qualitative information support of the educational process and research activities.

Social infrastructure of the University substantially provides availability of good education for students with different opportunities. Work of services for support of the educational process promotes effective training, professional and cultural development of students.

Teachers from other higher education institutions, including the foreign ones, participate in events of the University. Students and teachers take part in joint international projects and international internships.

There is an effective system of students' support during the whole period of study.

STANDARD 7. Collection, analysis and use of information for managing the educational institution

Compliance with the standard: **full compliance**

Good practice:

An effective system of information collection and management of the educational programmes allow to fully implement administrative functions on the basis of modern information and communication technologies.

A system of information provision for executive decision making on the problems of improvement of education quality is developed. Regular assessment and review of the educational programmes is carried out at all levels.

A feedback system with students on assessment of conditions and organization of the educational process is based on direct contact with students and in the electronic form (with the help of the University official web-site).

Students and teachers are involved in collection and analysis of information about the educational programmes. The electronic information and educational environment «University» and interactive forms of interaction and social networks are used.

Teachers and students cooperate with the help of their personal accounts that are the part of the University united information network.

STANDARD 8. Public information

Compliance with the standard: **full compliance**

Good practice:

The English version of the University web-site and the version for visually impaired people are available.

The structure and contents of the web-site correspond to the requirements of the Ministry of Education and Science of the Russian Federation.

Regional and central mass media give coverage of the University activities. A complex approach to presentation of information about the University with the help of printed and electronic mass media is used.

Information about employability and demand for graduates is regularly renewed. Relevant information about vacancies for students and graduates is available.

STANDARD 9. On-going monitoring and periodic assessment of the educational programmes

Compliance with the standard: **full compliance**

Good practice:

A system of monitoring and periodical assessment of the educational programmes is developed.

Assessment of opinions of employers and students about the educational programme is discussed in detail at the meetings of the Graduate Departments.

Developed procedures of monitoring and periodical assessment of the educational programmes allow to correct the contents of the disciplines

with the account of new scientific achievements, demands of employers and students, tendencies of education development, professional demands, etc.

STANDARD 10. Cyclical external quality assurance of the educational programmes

Compliance with the standard: **substantial compliance**

Good practice:

External review of quality of the educational programmes is carried out on a regular basis with involvement of representatives of the professional community and stakeholders.

A comprehensive plan of corrective actions is developed on the basis of the results of the State Final Examination with involvement of employers and representatives of subject-specific institutions. It includes measures of the Graduate Departments on modernization of the educational process, promotion of students' independent work, intensification and optimization of academic and research activities of the teaching staff.

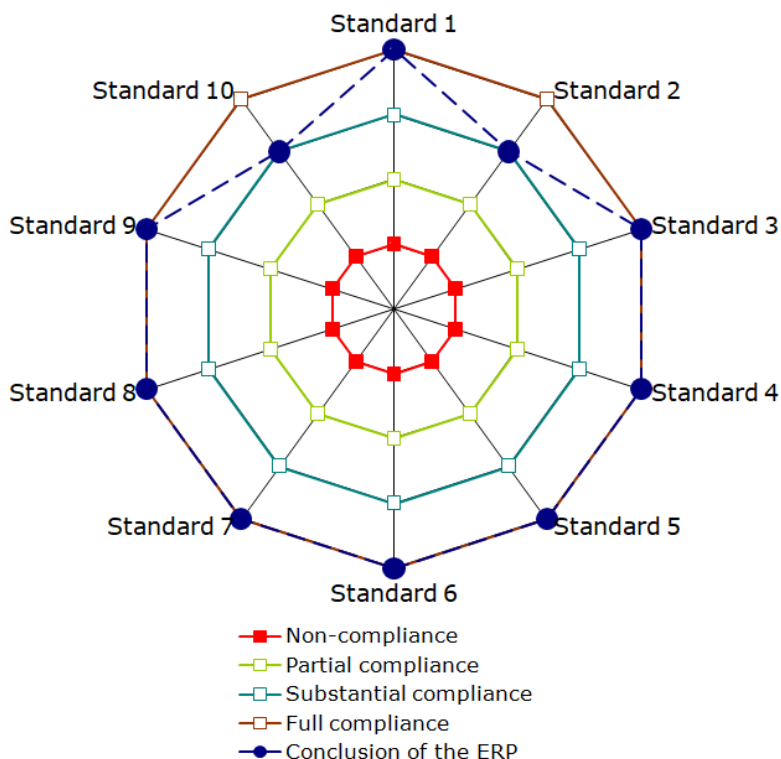
Areas for improvement:

It is necessary to provide involvement of all teachers in the procedures of external review.

Programmes of corrective actions based on the results of external review of the educational programmes should be published on the University web-site.

It is recommended to provide availability of the results of external review of the educational programmes for employers and representatives of the academic community.

DISTRIBUTION DIGRAM OF THE EXTERNAL REVIEW OUTCOMES



- Standard 1. Policy (goals, development strategy) and quality assurance procedures of the educational programmes
- Standard 2. Design and approval of programmes
- Standard 3. Student-centered learning, teaching and assessment
- Standard 4. Student admission, support of academic achievements and graduation
- Standard 5. Teaching staff
- Standard 6. Learning resources and student support
- Standard 7. Collection, analysis and use of information for managing the educational institution
- Standard 8. Public information
- Standard 9. On-going monitoring and periodic assessment of the educational programmes
- Standard 10. Cyclical external quality assurance of the educational programmes

CONCLUSION OF THE EXTERNAL REVIEW PANEL

Based on the self-evaluation report analysis, documents and data submitted the External Review Panel has come to the conclusion that the cluster of the educational programmes «Physics» (03.03.02, 03.04.02), «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Fundamental and Applied Chemistry» (04.05.01), «Chemistry» (04.03.01, 04.04.01), «Physics and Astronomy» (03.06.01), «Chemical Sciences» (04.06.01) **fully comply** with the standards and criteria of public accreditation of the National Centre for Public Accreditation.

The Panel recommends that the National Accreditation Board accredit the cluster of the educational programmes «Physics» (03.03.02, 03.04.02), «Chemistry, Physics and Mechanics of Materials» (04.03.02), «Fundamental and Applied Chemistry» (04.05.01), «Chemistry» (04.03.01, 04.04.01), «Physics and Astronomy» (03.06.01), «Chemical Sciences» (04.06.01) delivered by Ogarev Mordovia State University for the period of **6 years**.

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Activity	Participants	Venue
November 21, Tuesday			
8.45	Arrival at the University		68a, Bolshevistskaya Str.
09.00 – 11.00	The first meeting of the external review panel		Room 236
11.00 – 12.00	Meeting of the ERP with the University administration and people responsible for accreditation	Rector, Vice-Rectors, people responsible for accreditation, ERP	Room 1302, 68/1, Bolshevistskaya Str.
12.00 – 13.00	Tour of the University (visiting classrooms, library, etc.)	ERP	
13.00 – 14.00	Lunch		University Cafe
14.00 – 14.30	Internal meeting of the ERP	ERP	Room 236
14.30 – 15.30	Meeting with the Institute Director, Deputy Directors	Institute Director, Deputy Directors, ERP	Room 243
15.30 – 16.00	Work with documents	ERP	Room 236
16.00 – 17.00	Meeting with the Heads of Departments	Heads of the Departments, ERP	Room 243
17.00 – 17.30	Internal meeting of the ERP	ERP	Room 236
17.30 – 18.30	Meeting with graduates	Graduates, ERP	Room 243
18.30 – 18.45	Internal meeting of the ERP	ERP	Room 236

Time	Activity	Participants	Venue
November 22, Wednesday			
9.45	Arrival at the University		68a, Bolshevistskaya Str.
10.00 – 11.00	Meeting with teachers	Teachers, ERP	Room 243
11.00 – 11.15	Internal meeting of the ERP	ERP	Room 236
11.15 – 12.15	Meeting with students	Students, ERP	Room 243
12.30 – 13.30	Lunch		University Cafe
13.30 – 14.00	Work with documents	ERP	Room 236
14.00 – 15.00	Meeting with postgraduate and doctoral students	Postgraduate and doctoral students, ERP	Room 243
15.00 – 17.00	Work with the report/Visiting classes (At the wish of the ERP)	ERP	Room 236
17.00 – 18.00	Meeting with representatives of professional community	Employers, ERP	Room 243
18.00 – 18.15	Internal meeting of the ERP	ERP	Room 236
November 23, Thursday			
8.45	Arrival at the University		68a, Bolshevistskaya Str.
09.00 – 12.00	Internal meeting of the ERP: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	Room 236
12.00 – 13.00	Closing meeting of the External Review Panel with the representatives of the University	ERP, University administration, Heads of the Graduate Departments, teachers, students	Room 243
13.00 – 14.00	Lunch		University Cafe
15.00	Departure		