



Национальный исследовательский  
Мордовский государственный университет  
имени Н. П. Огарёва



National Centre for  
Public Accreditation

# REPORT

ON EXTERNAL REVIEW

of the cluster of educational programmes:

«Construction» (08.03.01, 08.04.01),  
«Architecture» (07.03.01),  
«Design of Architectural Environment» (07.03.03),  
«Construction of Unique Buildings and Facilities» (08.05.01)

delivered by National Research Ogarev Mordovia State  
University

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The Chair of the  
Review Panel

Alenka Temeljotov Salaj



Saransk, 2019

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## **INTRODUCTION**

External review of the cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) delivered by National Research Ogarev Mordovia State University (hereinafter Mordovia State University) was conducted on December 17-19, 2019 and included the analysis of self-evaluation report, site-visit and preparation of the present report.

The main goal of the external review is to determine the correspondence of the reviewed cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) delivered by National Research Ogarev Mordovia State University to standards and criteria of public accreditation, which are developed by the National Centre for Public Accreditation (hereinafter - NCPA) and determined in compliance with the European Standards of Quality Assurance in Education ESG-ENQA.

The Final Report is the reason for decision of the National Accreditation Board on public accreditation of the study programmes in compliance with standards and criteria of NCPA.

### **1. CONTEXT AND MAIN STAGES OF THE REVIEW**

#### **1.1 Terms of Reference**

According to item 1, 3 article 96 of the Federal Law of the Russian Federation of December 29, 2013 N.273-FZ "On Education in the Russian Federation" organizations, which carry out educational activities, may apply for public accreditation in various national, foreign and international institutions; employers, employer associations and designated organizations have the right to conduct public accreditation of professional educational programmes, which are delivered by an educational institution.

In order to conduct public accreditation of the cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) Mordovia State University applied to NCPA, which operates on the national level and is recognized by leading international organizations of quality assurance in higher education.

#### **1.2 Composition of the Review Panel**

The international expert was nominated by a foreign quality assurance agency upon NCPA's request.

The Russian experts were nominated by the Guild of Experts in Higher Education.

The employer representative was nominated by the Ministry of Construction, Transport and Road Industry of the Republic of Mordovia.

The representative of the students' community was suggested by Evseviev Mordovia State Pedagogical Institute.

The composition of the External Review Panel was approved by NCPA.

The Review Panel included five international and national experts:

- **Alenka Temeljotov Salaj** - PhD, Professor, Department of Civil and Environmental Engineering, Norwegian University of Science and

Technology, Professor at the Department of Real Estate Management at Nova University (Slovenia) — Review Chair, foreign expert;

- **Fedor Korshakov** - Candidate of Architecture, Professor, Head of the Academic Department, Moscow Institute of Architecture (State Academy), member of the Guild of Experts in Higher Education — Deputy Review Chair, Russian expert;
- **Sergei Rekunov** - Candidate of Engineering Sciences, Associate Professor, Department of Structural Mechanics, Volgograd State Technical University, member of the Guild of Experts in Higher Education — Panel member, Russian expert;
- **Vladimir Filchenkov** - Head of the Department of Architecture and Urban Planning, Ministry of Construction, Transport and Road Industry of the Republic of Mordovia — Panel member, representative of professional community;
- **Mikhail Semikov** - 4th year student, Evseviev Mordovia State Pedagogical Institute — Panel member, representative of students;

The focused expert knowledge of the Panel members, long-term experience of working in the system of higher education and profession, active position of students and employers became the basis for effective consideration of issues within the framework of evaluation.

The participation of the Russian representatives of the higher education system gave an opportunity to analyze the activity of the programmes under evaluation in the context of the world trends in quality assurance and within the scope of the national educational system.

### **1.3 Purposes and objectives of the review**

The purpose of the public accreditation is improving quality of education and forming quality culture in educational institutions, discovering best practices in continuous enhancing the educational quality and public information on educational institutions in accordance with the European educational quality standards.

The main goal of the peer review is to determine the correspondence of the reviewed cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) delivered by National Research Ogarev Mordovia State University to standards and criteria of public accreditation, which are developed by NCPA and determined in compliance with the European Standards of Quality Assurance in Education ESG-ENQA; and to develop recommendations for the study programme with the purpose of improving the contents and structure of the educational process.

### **1.4 Stages of the review**

The review included three main stages:

#### *1.4.1 Study of the self-evaluation report*

Mordovia State University was responsible for conducting the self-evaluation procedure, developing and timely submitting of the self-evaluation report to NCPA.

According to the "Guidelines on Self-evaluation of Educational Programmes", which were developed by NCPA, the self-evaluation report is written on 56 pages and includes: introduction, findings, conclusions, annexes. The self-evaluation procedure was conducted on the basis of SWOT-analysis according to every standard of NCPA.

According to the review schedule, the self-evaluation report of the cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) was submitted to NCPA and mailed to the members of the review panel 30 days before the site-visit.

While studying the self-evaluation report the panel members formed a preliminary opinion about the reviewed educational programmes on compliance with the NCPA standards and criteria on accreditation and with the European standards of education quality.

The members of the review panel assessed the quality of preparation of the self-evaluation report with regards to its text structuring, compliance of information with the report's sections; quality of perception; sufficiency of analytical data; availability of references to supporting documents; completeness of information. It provided the experts with an opportunity to form a preliminary opinion.

The review panel members pointed out some weaknesses of the self-evaluation report:

- the use of the informational and educational environment is not sufficiently covered;
- the use of professional standards is not sufficiently covered, the professional standard of a teacher in particular;
- the issues of work placement are not sufficiently covered;
- the plans on improving academic mobility are not sufficiently covered.

Due to the results of the panel's preliminary work, the following conclusions were made:

1. The structure of the self-evaluation report corresponds to the standards and criteria of public accreditation.
2. Completeness of the information presented in the report corresponds to the requirements of public accreditation.
3. The self-evaluation report is of high quality and is well perceived.

According to NCPA's standards and criteria of accreditation the preliminary assessment of the cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) may be defined as **full compliance**.

Issues, which need detailed analysis:

1. Use of the informational and educational environment.
2. Compliance of the educational programmes with the professional standards.
3. Students' work placement.
4. Taking into account requirements of the region when designing the educational programmes.
5. Further professional education.
6. Material and technical resources of the educational programmes.

7. Students' academic mobility.
8. Use of modern innovative training methods.

At the preliminary meeting members of the review panel formulated the lines of inquiry, which defined the main strategy of the site-visit.

#### *1.4.2 Site-visit*

The review panel visited Mordovia State University on December 17-19, 2019 with the purpose of confirming the authenticity of the information, which was presented in the self-evaluation report, collecting extra information on the delivery of the accredited programmes and checking their compliance with the standards and criteria of NCPA developed in accordance with the European standards of education quality assurance.

The time line and the agenda of the site-visit were determined by NCPA, and approved by the administration of Mordovia State University and the members of the review panel.

During the site-visit the review board members conducted a number of meetings and interviews with the University administration, Dean of the Faculty and Deputy Deans, Heads of Departments, teachers, students, graduates, and employers.

The Panel members visited classrooms, library, Centre of Distance Learning Development, Centre of Professional Development and Retraining of Specialists of Construction Industry, classroom for modeling, laboratory of scratch tests, classrooms of painting, drawing, architectural design, constructional engineering, laboratory for projects, Centre of Graduates Employability.

The Panel members visited the following classes: Heat and Gas Supply (M. Bazhanova), Probabilistic Methods (V. Avdonin), Environmental Design of Buildings (O. Rodina), Engineering and Design (A. Razumov).

The Chair of the review panel managed the panel's work.

The panel considers that the self-evaluation report, which was presented by Mordovia State University, provided the experts with an opportunity to form an integral view on specific features of delivery of the cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01).

The review panel considers it necessary to highlight the effective cooperation of the experts and NCPA employees during the site-visit and its preparation.

The review panel notes the highest level of organizational provision and constructive work.

The executive staff of Mordovia State University provided the administrative support, which included arrangement of meetings and interviews, provision with working space, computers with an access to the Internet, necessary research, academic and methodological documents.

During the site-visit the review panel members requested additional documents.

On the last day of the site-visit the Chair of the review panel presented an oral report on the general conclusions to the executive staff of the University, Institute Directors, teachers and students.

The agenda of the site-visit can be found in the Annex.

### 1.4.3 Conclusion on the findings of the external review

Based on the results of the external review of National Research Ogarev Mordovia State University the review panel submitted the Report on the results of the external review of the cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) delivered by the educational institution.

The draft report of 36 pages excluding Annexes was developed by the Chair of the Review Panel, approved by other Review panel members and submitted to the National Centre for Public Accreditation. Then the Report was mailed to the University's administration for making factual amendments.

## 2. DESCRIPTION OF THE STUDY PROGRAMMES

The Faculty of Architecture and Construction Engineering is one of the major subdivisions of Mordovia State University. It is a member of the Association of Russian Universities of Construction, member of the Educational and Methodological Association in Engineering and Construction Technology.

The Faculty comprises 555 full-time students.

The following educational programmes are delivered:

- 07.03.01 «Architecture», Bachelor degree, profiles «Architectural Design» and «Interior Design», delivery term is 5 years (300 credits). 141 students study on the programme «Architecture».
- 07.03.03 «Design of Architectural Environment», Bachelor degree, profile «Urban Environment Design», delivery term is 5 years (300 credits). 16 students study on the programme «Design of Architectural Environment». For the last 3 years students have not been admitted for studying on the educational programme.
- 08.03.01 «Construction», Bachelor degree, profile «Industrial and Civil Construction», delivery term is 4 years for full-time study and 5 years for part-time study (240 credits). 113 students study on the programme «Construction».
- 08.05.01 «Construction of Unique Buildings and Facilities», Specialist degree, profiles «Construction of High-Rise and Long-Span Buildings and Facilities» and «Construction of Highways, Airdromes and Special Structures», delivery term is 6 years (360 credits). 165 students study on the programme «Construction of Unique Buildings and Facilities».
- 08.04.01 «Construction», Master degree, profiles «Architectural and Construction Materials Science», «Biodeterioration and Bioprotection of Buildings and Facilities», «Biotechnology in Construction», «Green Construction», «Information Design and Modeling of Buildings and Facilities», «Resource Saving and Ecology of Construction Materials, Products and Structures», «Theory and Design of Buildings and Facilities», «Technology of Construction Materials, Products and Structures», «Foundations of Predictive Modeling and Improvement of Reliability and Durability of Construction Materials, Buildings and Facilities», delivery term is 2 years (120 credits). 120 students study on the programme «Construction of Unique Buildings and Facilities».

The teaching staff comprises 75 teachers. There are 7 Professors, Doctors of Sciences and 56 Associate Professors, Candidates of Sciences. 63 (84%) teachers have an academic title.

The high quality of students' training is ensured, first of all, by the teaching staff and by their high professional skills. The teachers have basic education corresponding to the disciplines they teach; they actively conduct research and methodological activities. The teachers regularly improve their qualification in leading Russian and foreign HEIs.

18 teachers work on the terms of internal secondary employment and 8 teachers work on the terms of external secondary employment.

Almost all teachers have subject-specific higher education.

A number of teachers have honorary diplomas of the Ministry of Education and Science of the Russian Federation and administration of the Republic of Mordovia for their contribution to the training of highly-qualified experts (V. Erofeev, V. Seliaev, V. Cherkasov, A. Bogatov, V. Antoshkin, A. Astashov, etc.).

The Faculty is involved in implementation of the University Development Programme for 2010–2019. As a result of this programme, 17 laboratories of the Faculty were opened or improved.

Overall modernization of material and technical resources improved research activities at the Faculty. In 2010–2019 the average amount of conducted research was about 30 million rubles.

The publication activities of the teaching staff have significantly improved. In comparison with the previous five years, the number of articles published in the journals of Web of Science and Scopus doubled; the number is 65 articles. There are 204 articles published in the journals of the Higher Attestation Commission and 796 articles published in the journals of the Russian Science Citation Index.

The students are involved in research activities. They participate in international and national conferences.

In 2018 the graduates' employability rate was 81%, and in 2019 it was 82%. The graduates work at the enterprises of construction industry, research and development institutions.

The Faculty conducts joint research activities with researchers from foreign universities of Germany, China, Italy, Uzbekistan, Karakalpak Republic, Tajikistan, Belarus, Kazakhstan, Georgia, and Armenia.

One of the important activities of the Faculty is working together with leading Russian and foreign research centres. It closely cooperates with the Russian Academy of Architecture and Construction Sciences, Severtsov Institute of Ecology and Evolution of the Russian Academy of Sciences, Moscow State University of Civil Engineering, Lobachevsky State University of Nizhni Novgorod, Russian Institute Of Aviation Materials, Research Institute of Construction Physics of the Russian Academy of Architecture and Construction Sciences, Bauhaus-Universität Weimar, Leipzig University of Applied Sciences, etc.

### 3. FINDINGS

#### 3.1 Standard 1. Policy (goals, development strategy) and quality assurance procedures of a study programme

*Compliance with the standard: full compliance*

**Table 1 - Criteria to standard 1**

Nº	Subject of Evaluation	Mark
1.	Availability of a documented inner quality assurance system providing continuous enhancement of quality in accordance with the developmental strategy of the educational institution	A
2.	Participation of all stakeholders (administration, teaching staff, students, employers, employer associations, branch ministries and departments – key partners in employment of graduates) in developing and implementing a quality assurance policy through relevant structures and processes	B
3.	Participation of all structural units of an educational institution in quality assurance processes and procedures	A

#### **Analysis of the educational programmes' compliance with the standard:**

The Department of Education Quality Management works at Mordovia State University. The reviewed regulatory documents on education quality assurance showed that the educational institution has an effective documented internal quality assurance system providing continuous improvement of quality in accordance with the development strategy of the University.

The External Review Panel held meetings with the management of the University and the Faculty, teachers, managers for quality, students, employers and graduates on the issues of education quality assurance of the educational programmes under review and the University on the whole.

The Panel examined the documents regulating education quality assurance policy and concluded that the University management, teachers, and employers are involved in the development and introduction of the quality assurance policy. The Panel noted that the Faculty should enhance cooperation with employers in order to develop a long-term strategy of the Faculty development and monitoring of education quality. The Panel noted that for the programme «Architecture» the display of all courseworks can be introduced as part of the internal quality assurance system.

The feedback from students and graduates is regularly used to provide the stable quality assurance system.

All subdivisions of the University are involved in the procedures of education quality assurance, which is reflected in the official documents. The process is regulated by the Department of Education Quality Management.

#### **Achievements:**

The transparent monitoring system of the outcomes of the University subdivisions' activities (staff, education, research, international activities, financial and economic activities) is in place.

The system of regulatory activities of the main procedures at the University is available for all stakeholders, including the English version.

#### **Recommendations:**

1. The University should improve cooperation with the students on the issues of development and introduction of the quality assurance policy.

2. All stakeholders should be informed about the goals and the strategy of the Faculty development.

3. A roadmap on rectifying deficiencies revealed during the self-evaluation of the educational programmes should be developed.

### **Recommendations for the programme «Architecture»:**

1. The display of all courseworks should be held as part of the internal quality assurance system; the works should undergo internal and external reviews.

## **3.2 Standard 2. Design and approval of programmes**

*Compliance with the standard: full compliance*

**Table 2 - Criteria to standard 2**

Nº	Subject of Evaluation	Mark
1.	Availability and accessibility of clearly defined, documented, approved and published goals and objectives of a study programme and expected learning outcomes and their correspondence to the mission and goals and objectives of the educational institution	A
2.	Availability of procedures for design, approval and revision of a study programme (including expected learning outcomes) with the account of the development of science and industry, and also with the consideration of stakeholder opinions (administration, teaching staff, students, employers)	A
3.	Consideration of the requirements of professional standards (if available), of labour market, of national qualification framework descriptors in the study programme	A

### **Analysis of the educational programmes' compliance with the standard:**

The goals and objectives of the educational programmes are clearly defined and comply with the mission of the educational institution and the Programme for improvement of the University competitiveness for 2015-2020, as well as with the long-term programmes of the regional development.

The educational programmes are available for stakeholders and the public on the official website of the University. The Faculty has its own website. The electronic educational and methodological materials are developed and widely used at the Faculty. The Faculty should continue presenting the information on the website in English, in particular, information about the educational programmes, achievements of the Faculty, foreign teachers and graduates in order to promote the programmes in the country and abroad.

The curricula and the educational programmes are in full compliance with the Federal State Educational Standards.

The Panel examined the working programmes of work placement. It was noted that the individual tasks, content and expected learning outcomes are agreed with supervisors of subject-specific organizations where students undergo practical training.

Work placement is carried out in the organizations of construction and road building in Saransk, Moscow, etc. The University signed 42 agreements on work placement at the Factory ZhBK-1, LLC Mordovspecstroj, LLC DSK-Stroj, LLC DSK-Proekt, Institute of Design «Mordovstroiproekt», Ministry of Construction, Transport and Road Industry of the Republic of Mordovia, etc.

The University has official mechanisms on approval, periodical evaluation and monitoring of the educational programmes and awarded qualifications.

Employers' suggestions on improvement of practical focus of the programmes are taken into account. The elective courses are considered at the meetings of methodological commissions of the Faculty and are approved by the Academic Council of the University.

The students are involved in adjustment of the educational programmes by changing the list of elective courses in the curriculum.

### **Achievements:**

The goals and learning outcomes of the educational programmes are available in the electronic informational educational environment.

The educational programmes are provided with the wide range of regional facilities for work placement. The University signed 42 agreements on work placement.

Different stakeholders are involved in the development and approval of the educational programmes.

### **Recommendations:**

1. The procedure of updating the educational programmes should be specified in accordance with the development of science and industry. The teachers, students, and employers should be involved.

2. The teachers and students should be informed about the requirements of professional standards to adjust the educational programmes.

3. The regional specific features should be taken into account when developing and updating the educational programmes under review.

## **3.3 Standard 3. Student-centred learning, teaching and assessment**

*Compliance with the standard: full compliance*

**Table 3 - Criteria to standard 3**

Nº	Subject of Evaluation	Mark
1.	Consideration of needs of diverse groups of students and a possibility to create individual learning paths	B
2.	Use of methods encouraging students to take an active part in creating the learning process	B
3.	Use of clearly defined criteria and objective assessment procedures of learning outcomes/ competences of students corresponding to the expected learning outcomes, goals of the study programme and their purpose (diagnostic, formative or summative assessment)	A
4.	Information about the study programme, criteria and procedures for assessment of learning outcomes/competencies, about examinations, tests and other types of control	A
5.	Use of procedures of independent assessment of learning outcomes	B
6.	Availability and effectiveness of appeals procedure and procedures for dealing with students complaints	A

### **Analysis of the educational programmes' compliance with the standard:**

The students can make an individual learning path. There are documents regulating the procedure in accordance with the Regulations on training according to an individual learning path.

The students have a possibility to choose the profile of training from the second year of the educational process for in-depth study of subject-specific

disciplines. Master students together with a supervisor choose a topic of the thesis during the first year of study.

The curricula include adaptive disciplines for students with disabilities (for example, for Bachelors - Technologies of Social Integration, Adaptive Informational and Communication Technologies, etc.; for Masters – Psychology of Interpersonal Relations, Social Integration and Foundations of Social and Legal Knowledge, etc.). The working programmes of all disciplines include the section «Educational Technologies», where special types of work with handicapped persons and people with disabilities are presented.

However, in practice, the possibility of making an individual learning path is insufficiently used. The students are informed about the educational programmes, criteria and procedures of evaluation of learning outcomes, competences, exams and other forms of control; but they are not informed about the possibility of studying according to an individual learning path.

The methods of providing students with incentives are not sufficiently used. The students do not understand their role and their possibilities in the joint design of the educational process.

The Panel visited classes on architectural and landscape design, drawings, painting, modeling, computer modeling of constructions, lab sessions on architectural and construction materials, and noted a good level of conducting classes.

Every year the students of the programme «Construction» participate in the Federal Internet Exam in Higher Education as a procedure of independent evaluation of learning outcomes. The Panel noted that there is no regular external review of student projects with regards to all educational programmes in the cluster; this procedure is especially important for the programme «Architecture». The Panel recommends that the work in this area should be enhanced.

The information on the evaluation procedure and students' academic progress is available in the electronic informational educational environment.

The information about student achievements should be published in the electronic portfolio of students in order to inform employers.

The feedback from students is collected with the help of personal accounts, website, Dean's Office, etc. The feedback from Rector is received on the website with the help of "Online Reception Office".

As a result of the meeting with students, management of the Faculty and Departments, and review of the appeals and complaints procedures, the Panel positively evaluated this criterion, but the experts noted that the students are insufficiently informed about their rights and possibilities at the University.

### **Achievements:**

The information on the evaluation procedure and students' academic progress is available in the electronic informational educational environment.

The students annually participate in the Federal Internet Exam in Higher Education as a procedure of independent evaluation of learning outcomes.

Student opinions are taken into account when choosing facilities for work placement, topics of courseworks and projects.

### **Recommendations:**

1. The students should be informed about their rights and possibilities at the University, in particular, the possibility of making an individual learning path.

2. The methods of providing students with incentives in the joint design of the educational process should be reviewed, and the students should be informed about the procedure.

3. The supervisors' work should be oriented at making individual learning paths.

4. Independent external review of courseworks should be regularly conducted.

### **3.4 Standard 4. Student admission, support of academic achievements and graduation**

*Compliance with the standard: full compliance*

**Table 4 - Criteria to standard 4**

Nº	Subject of Evaluation	Mark
1.	Systematic carrier guidance work targeted at the recruiting and selection of applicants should be in place	A
2.	Availability and effectiveness of rules and regulations for admission, transfer of students from other educational institutions, recognition of qualifications, periods of study and prior learning	A
3.	Systematic work to support students' progression	A
4.	Recognition of higher education qualifications obtained in the RF and abroad (Diploma Supplement)	A
5.	Participation of students in mobility programmes	B

#### **Analysis of the educational programmes' compliance with the standard:**

Different events are held as part of career-guidance: Open Doors Days, visits of teachers to schools in neighbouring regions (Nizhni Novgorod region, Penza region, Ulianovsk region, Tatarstan Republic, Chuvash Republic, etc.); Open Olympiad in drawing for school students, research and educational forum «Shag v Buduschee», classes for school students for in-depth study of drawing held by the teachers of the Faculty in the research and educational centres «Design-Studio Art-Dekor» and «Graphics School», etc.

Regular work on preparing and selecting applicants is carried out; all stakeholders are actively involved in it. The Faculty has all documents on career-guidance.

The Panel noted that the Faculty has necessary documents on applicants' admission, transfer of students from other educational institutions, recognition of qualifications, training periods and previous education.

There are documents regulating the main requirements to evaluation of the academic progress. Regular work on support of students' academic progress is carried out.

The Panel examined the content of the Diploma Supplement given at graduates' request and concluded that it corresponds to the Lisbon Recognition Convention and the criterion. The panel claims that the Diploma Supplement should also contain information on the average percentage of student academic progress.

The academic mobility of students is carried out through their participation in research events: conferences, competitions of student works, joint research activities with research groups from foreign universities.

There are 49 foreign students at the Faculty from Turkmenistan, Uzbekistan, Tajikistan, Kazakhstan, Georgia, Ukraine, Afghanistan, Iraq, Jordan, Syria, India, Egypt, Sudan, Morocco, Algeria, Côte d'Ivoire.

The meeting with the students showed that they are interested in more active participation in mobility programmes, in particular, in foreign countries. The Panel recommends that the work in this area should be continued and a roadmap on improvement of student academic mobility should be developed.

### **Achievements:**

Career-guidance is carried out regularly: Open Doors Days, visits of teachers to schools in neighbouring regions; Open Olympiad in drawing for school students, research and educational forum «Shag v Budushee», etc.

Regular work on support of student academic mobility is carried out.

The international research conference «Current Issues of Architecture and Construction» is held at the Faculty.

### **Recommendations:**

1. A roadmap on improvement of student academic mobility, including foreign countries, should be developed.
2. Language proficiency of students and teachers should be improved.
3. The Diploma Supplement should contain information on the average percentage of student academic progress.

## **3.5 Standard 5. Teaching staff**

*Compliance with the standard: full compliance*

**Table 5 - Criteria to standard 5**

Nº	Subject of Evaluation	Mark
1.	Qualification and competence of the teaching staff : – Academic degrees and titles; – Industry and state awards and prizes; – Practical experience; – Published text books, handbooks and methodological guidebooks	A
2.	Relevance of specialists, degrees and titles and /or practical experience to the profile of the study programme	A
3.	Research activity of the teaching staff, implementation of research results in the academic process	A
4.	Use of innovative teaching methods and advanced technologies	B
5.	Visiting lecturers from other educational institutions including those from abroad	B
6.	Participation of the teachers in joint international projects, internships abroad, academic mobility programmes	A
7.	A system of financial and non-financial incentives for teachers	A
8.	Availability and use of clear, transparent and objective criteria for: – Hiring staff including teachers from foreign educational institutions, assignment to positions, promotion, dismissal; – Dismissal of teachers with low level of professional competency	A
9.	A system for career development and professional advancement for teachers	A

## **Analysis of the educational programmes' compliance with the standard:**

The teaching staff have basic education corresponding to the profile of the disciplines they teach. The percentage of teachers having basic education and academic titles corresponding to the profile of the disciplines they teach is 100%.

The requirements to the teaching staff are presented in labour contracts, job instructions and individual plans.

The educational process is carried out by 75 regular teachers. There are 7 Professors, Doctors of Sciences and 56 Associate Professors, Candidates of Sciences.

The academic degree holders rate is 84%.

The teachers regularly improve their qualification in leading Russian and foreign HEIs.

The Panel noted positive dynamics of teachers' publication activities. In comparison with the previous five years, the number of articles published in the journals of Web of Science and Scopus doubled; the number is 65 articles. There are 204 articles published in the journals of the Higher Attestation Commission and 796 articles published in the journals of the Russian Science Citation Index.

Most teachers are authors of coursebooks and study guides. For the last 5 years more than 60 books and study guides were published.

The teachers delivering the educational programmes are winners of various competitions and awards.

The Panel noted effective research activities of the Faculty. In 2010–2019 the average amount of conducted research was about 30 million rubles.

Besides, the teachers do research as part of various programmes supported by the state and different non-governmental foundations and companies (Russian Foundation for Basic Research, Government Task of the Ministry of Education and Science, Programme of Competitiveness Improvement, state contract, commercial agreements with state and non-governmental companies).

The Faculty conducts joint research activities with researchers from foreign universities of Germany, China, Italy, Uzbekistan, Karakalpak Republic, Tajikistan, Belarus, Kazakhstan, Georgia, and Armenia.

The results of research are widely used in the educational process when developing curricula, programmes, educational and methodological materials and study guides. The students are actively involved in conducting research. Almost all senior students participate in project activities.

The Panel noted that the innovative training methods and new teaching technologies are insufficiently used in the educational process for achieving expected learning outcomes by the students; the methods of peer review of student works by other students, opponency of student reports and projects, group discussion of the outcomes of educational and practical work are insufficiently used.

The Faculty cooperates with leading Russian and foreign research centres: Russian Academy of Architecture and Construction Sciences, Severtsov Institute of Ecology and Evolution of the Russian Academy of Sciences, Moscow State University of Civil Engineering, Lobachevsky State University of Nizhi Novgorod, Russian Institute Of Aviation Materials, Research

Institute of Construction Physics of the Russian Academy of Architecture and Construction Sciences, etc.

The work on involvement of teachers from other educational institutions, including the foreign ones, should be enhanced.

The teachers participate in international conferences, seminars and serve internships.

There are developed and approved documents regulating the system of financial and non-financial incentives for teachers. The teaching staff receives these incentives for the achievements in the educational, methodological, research and other spheres in accordance with the Regulations on labour remuneration of the University staff.

The non-financial incentives include the system of awards reflected in the regulatory documents.

The procedures of hiring, assignment to a position, and firing is carried out in compliance with the regulatory documents of the Ministry of Education and Science of the Russian Federation.

The University has an effective system of training, retraining, and professional development of the teaching staff. For the last 3 years 100% of teachers improved their qualification.

The Panel noted that the work on organizing internships for teachers is insufficiently conducted.

### **Achievements:**

The students and teachers of the educational programme "Construction" actively do research.

Publication activities of the teachers are of high level: 65 articles in the journals of Web of Science and Scopus, 204 articles in the journals of the Higher Attestation Commission, 796 articles in the journals of the Russian Science Citation Index.

The teachers are members of the Thesis Boards for Candidate's and Doctor's degrees (Moscow, Kazan, Penza, Volgograd). Some of them are members of the Russian Association of Science Support.

The teachers actively participate in joint international projects with the research groups from foreign universities of Germany, China, Italy, Belarus, Kazakhstan, Georgia, Armenia, Uzbekistan, etc.

The Faculty cooperates with leading Russian and foreign research centres.

The Faculty conducts research on the development and production of composite construction materials, products and structures; durability and operational reliability of construction materials, buildings and facilities; improvement of economic efficiency of using construction materials, products, structures, and construction enterprises; computer graphics and automatised engineering design, etc.

Since 2002 the Faculty holds the international research conference «Current Issues of Architecture and Construction».

### **Recommendations:**

1. The interactive methods and multimedia equipment should be actively used in the educational process.

2. New modeling technologies (BIM) should be used in the integrated design of the educational programmes.

3. Teachers from other educational institutions, including the foreign ones, should be involved in the educational process.
4. Language proficiency of the teachers and students should be improved.
5. A roadmap on involvement of young teachers should be developed.
6. New programmes of professional retraining and development and variable elements of the educational programmes should be introduced in accordance with the requirements of the regional market.

### **3.6 Standard 6. Learning resources and student support**

*Compliance with the standard: full compliance*

**Table 6 - Criteria to standard 6**

№	Subject of Evaluation	Mark
1.	Provision of the study programme with material and technical recourses in accordance with the requirements of the curriculum (modern tools, equipment, computers, classrooms, laboratories)	B
2.	Availability of up-to-date library and information resources including those for independent study and research work	A
3.	Availability of infrastructure to ensure access to quality education to students with different opportunities and of different age, and to provide the development of social and educational component of the academic process	A
4.	The system of feedback on the satisfaction with conditions and organization of the study process should be in place	A
5.	Availability of accessible information about opportunities for student mobility and its support system	B

#### **Analysis of the educational programmes' compliance with the standard:**

Mordovia State University has material and technical resources (buildings, classrooms, laboratories, equipment, dormitories) necessary for the delivery of the educational programmes and corresponding to the requirements of the Federal State Educational Standard of Higher Education.

The meeting with the Faculty Dean and teachers showed that 17 laboratories were created or improved in accordance with the Development programme of the University. It helped to improve efficiency of research activities.

The equipment, computers, classrooms, and laboratories correspond to the requirements of the modern educational process.

There is an electronic informational educational environment at Mordovia State University. The system of e-learning is actively developed. The Centre of Distance Learning Development provides free access to the University system of distance learning on the Moodle platform.

A part of laboratory and computer equipment is out-of-date. The software should be timely updated in compliance with the requirements of employers.

The Panel analyzed the University library and concluded that it provides students with an access to the information.

Modern library and informational resources are available, including for independent and research work. There are rooms for collaborative work provided with high-tech equipment.

IT infrastructure of the library provides an access to remote and internal databases of research and educational resources, electronic library and electronic catalogue.

The library stock is annually replenished and updated at the requests of the teaching staff. It contains more than 2,5 million units (books and journals) in Russian, Mordovian and foreign languages. All reference rooms have workstations and are freely available.

The Panel analyzed infrastructure providing availability of quality education for students with different possibilities and of different ages. The internal documents regulating the educational process at all stages and training agenda are available on the website. The developed resources are available for students registered to a course.

Different University subdivisions participate in collecting feedback from the students on evaluation of the conditions and the educational process.

One of the effective ways of collecting feedback is conducting surveys during the academic year. The feedback on the educational process is collected on the University website. All stakeholders including students and their parents can submit a brief review on the work of the Faculty on its website.

The results of the quality evaluation of the educational programmes are used by the supervisors for their adjustment.

The students are insufficiently informed about the possibilities of academic mobility in the country and abroad.

### **Achievements:**

The students are provided with the developed infrastructure (dormitories, sports facilities, cultural facilities, etc.).

The University is highly provided with informational library resources, including foreign databases.

The Bakhtin research library is a member of the National Consortium of Russian Libraries, Association of Regional Library Consortiums. It actively participates in the corporate projects: Interregional Analytic Description of Articles, Interlibrary Loan, and Electronic Document Delivery.

There are 17 laboratories at the Faculty. The laboratory of environmental testing was established at the Faculty together with the Russian Research Institute of Aviation Materials. Joint research projects and student internships are conducted on its basis.

The feedback from students on evaluation of the conditions and the educational process is collected in the informational and educational environment.

The students of the educational programme "Architecture" participate in the programmes of the Worldwide Architecture Students Association.

### **Recommendations:**

1. The analysis of material and technical resources should be conducted in order to provide the students and staff with computers with modern software.

2. The students should be better informed about the academic mobility programmes.

3. The University administration should support the academic mobility programmes.

4. A roadmap on creating a comfortable environment at the Faculty for people with reduced mobility should be developed.

### **3.7 Standard 7. Collection, analysis and use of information for managing the educational institution**

*Compliance with the standard: full compliance*

**Table 7 - Criteria to standard 7**

Nº	Subject of Evaluation	Mark
1.	Availability and effectiveness of the system for collecting and monitoring information about the study programme	A
2.	Participation of students and staff of the educational institution in collecting and analyzing information for managing the study programme	B
3.	The educational institution should have in place a unified effective information system on the basis of modern information technologies for managing the study programme	A

#### **Analysis of the educational programmes' compliance with the standard:**

Regular work on monitoring of the information about the educational programmes and evaluation of its effectiveness is conducted.

The information on the content of the educational programmes is available on the University website (information on the levels of education, forms of training, training terms, educational programmes, subjects, courses, disciplines, work placement).

The University has a unified integrated management system: unified system of electronic document flow «Delo», system «1C: University». Introduction of modern information technologies in the management of the educational programmes is regulated by the «Programme on informatization of the University for 2015–2020».

The Department of Employability regularly conducts research on evaluation of the market demands in highly-qualified experts and effectiveness of graduates' employability. The effectiveness of the system of collection and monitoring of the information about the educational programmes is evaluated at the meetings of Academic Council of the University and Faculty.

The students and teachers are involved in the collection of the information for managing the educational programmes to improve their quality. Student reports on summer work placement at the enterprises are taken into account by the teachers when adjusting curricula and the educational programmes.

The Faculty has a complex of informational analytical systems united into a single network. The Panel evaluated its effectiveness and use of information technologies in the management of the educational programmes.

The electronic informational and educational environment is available in mobile devices, which is important for the students.

#### **Achievements:**

The educational institution has a developed informational network that includes the electronic informational and educational environment, corporate

mail, e-learning system Moodle, system of collection and analysis of the information for the management of the educational programmes at the Faculty.

The Centre for Support of Graduates Employability works at the University.

### **Recommendations:**

1. The students and staff should be actively involved in the collection and analysis of the information for the management of the educational programmes at the Faculty.

2. The information on individual requirements of students should be collected and analyzed.

### **3.8 Standard 8. Public information**

*Compliance with the standard: full compliance*

**Table 8 - Criteria to standard 8**

№	Subject of Evaluation	Mark
1.	Effective use of the official website of the study programme for its quality enhancement	A
2.	Publication of complete and accurate information on the study programme and its achievements on the official website of the educational institution and mass media	A
3.	Publication of objective data on the employability of graduates	A
4.	Integration in the environment, interaction of the educational institution with different professional associations and other organization including those from abroad	A

### **Analysis of the educational programmes' compliance with the standard:**

Public information is carried out with the help of the websites of the University/Faculty, where information about the history, symbols, structure, educational and research activities, student research community and news is published. The section «Information on the Educational Institution» contains regulations and documents on the educational programmes. The website is well-structured and easy-to-use.

The website contains reliable information on the educational programmes and events aimed at their improvement (conferences, workshops, open lectures, etc.).

The news block contains up-to-date information about activities of every subdivision of the University paying attention to best practices of the students and teachers in education, research and innovations. The information on involvement of employers, student achievements, graduates' successful career is also published and contributes to quality improvement of the programmes.

The information is available for visually-impaired people.

The public is also informed through printed materials of the University, website, mass media, social media, personal meetings. The newspaper «Voice of Mordovia University» is actively used for this purpose. The Dean of the Faculty appears in mass media of the Mordovia Republic with the information on the Faculty and educational programmes for their promotion.

The Panel claims that the corresponding information should also be published in the English version of the Faculty website to promote the educational programmes abroad and involve foreign students.

The Department of Work Placement and Employability conducts work on graduates' employability under cooperation agreements with enterprises. The students are regularly informed about the state and tendencies of the labour market, vacancies in the town and region, employers' demands and employability.

The Department of Work Placement and Employability annually publishes the outcomes of graduates' employability on its website according to the data on the monitoring of the Ministry of Education and Science and the Pension Fund of the Russian Federation. The information on available vacancies is published on the website.

The percentage of graduates' employability is high (about 82%).

The meetings with the teachers, students, staff and graduates allowed the Panel to evaluate integration of the Faculty with the environment, cooperation with different professional associations and other organizations, including the foreign ones.

The teachers and students participate in the European Union programme "Erasmus+"; the students of the educational programme «Architecture» are involved in the work of the Worldwide Architecture Students Association (WASA); some teachers are members of the Russian Association of Science Support.

Joint activities (round tables, conferences, research seminars) are conducted together with the colleagues from research and educational organizations of the Republic of Mordovia, other Russian regions and foreign countries in order to improve cooperation with the professional community.

### **Achievements:**

User-friendly interface and completeness of information on the official website for different users.

There are open online courses on the website.

The teachers are members of the Russian Association of Science Support and international professional communities.

The students of the educational programme «Architecture» are involved in the work of the Worldwide Architecture Students Association (WASA).

The Faculty cooperates with the Educational and Methodological Association of Russian higher education institutions in the field 08.00.00 Technologies of Construction. It is a member of the Association of Russian Universities of Construction.

### **Recommendations:**

1. The information on employability and demand for the graduates should be regularly updated.

2. The students should be informed about remarkable graduates of the Faculty. The information should be published on the websites of the University and Faculty to promote the educational programmes in the country and abroad.

3. The English version of the website should contain more information.

4. The public should be informed about the achievements and possibilities of the Faculty with the help of the outlets.

### 3.9 Standard 9. On-going monitoring and periodic review of programmes

*Compliance with the standard: full compliance*

**Table 9 - Criteria to standard 9**

Nº	Subject of Evaluation	Mark
1.	Documented procedures of monitoring and periodic review of study programmes should be in place	A
2.	Availability of a feedback mechanism for students, employers, branch ministries and departments (key stakeholders in employment) in the process of monitoring and periodic review of a study programme	A
3.	Effectiveness of procedures for monitoring and periodic review of a study programme (enhancement of programmes)	B

#### **Analysis of the educational programmes' compliance with the standard:**

The rules of updating the educational programmes are reflected in the Regulations on the development and approval of basic professional educational programmes. The programmes are updated every year; all changes are approved by the Academic Council of the University.

The teachers are responsible for changes in the working programmes and pools of assessment tools, and supervisors are responsible for changes in the curricula and the content of the educational programmes. All monitoring procedures and possible changes are supervised by the management of the Faculty and Academic Department of the University.

The meetings with the students, graduates and employers helped the Panel to evaluate the feedback system used for the monitoring and periodical review of the educational programmes.

In order to improve the mechanism of collecting feedback from employers, agreements are signed with leading enterprises; employers become the members of the State Attestation Commission and help to define practical focus of the topics of graduation theses; surveys of employers are conducted. The monitoring of employers' reviews on quality of graduates training is conducted.

The effectiveness of the monitoring of the educational programmes results in positive outcomes of the job interviews with employers.

#### **Achievements:**

The effective system of monitoring and periodical review of the educational programmes is in place.

The Faculty has a well-adjusted system of cooperation with regional employers.

#### **Recommendations:**

1. Annual informal updating of the educational programmes should be conducted with the account of modern requirements.

2. Student opinions should be taken into account when delivering the educational programmes.

### **3.10 Standard 10. Cyclical external quality assurance of study programmes**

*Compliance with the standard: full compliance*

**Table 10 - Criteria to standard 10**

Nº	Subject of Evaluation	Mark
1.	Periodic review of a study programme	A
2.	Availability of a corrective actions programme to follow up the results of external evaluation of study programmes	A
3.	Consideration of the results of previous procedures of external evaluation when conducting subsequent external procedures	A

#### **Analysis of the educational programmes' compliance with the standard:**

The University participates in the procedures of external quality assurance of the educational programmes: annual monitoring of the University performance, self-evaluation, state and public accreditation.

In 2019 the educational programmes successfully passed the procedure of state accreditation. As a result of the meetings with the University administration, management of the Faculty, and people responsible for education quality, it was noted that there is no need in taking corrective measures on the basis of the results of state accreditation.

Employers regularly participate in external review and evaluate professional competences of graduates as members of the State Attestation Commissions.

The University has a follow-up plan on the basis of the results of external review of the educational programmes by employers, members of the State Attestation Commission and with the help of feedback from students.

Successful employment of graduates and positive feedback from employers are the indicators of a positive external review of the programmes.

#### **Achievements:**

The University ranks 207th among 350 universities of Europe and Central Asia, and 47th among Russian universities; it also ranks 19th in the ranking QS Emerging in Europe and Central Asia 2020.

Regular participation in the procedures of external quality assurance (state accreditation, performance monitoring, external audit of the quality management system, etc.) at the level of the University, Faculty, and educational programmes.

The educational programme 08.05.01 Construction of Unique Buildings and Facilities was included in the list of the best programmes at the competition «The Best Educational Programmes of Innovative Russia».

Graduation works annually participate in Russian and international review competitions.

The Faculty is prepared for the external review of the educational programmes.

#### **Recommendations:**

1. Cooperation with employers should be maintained; they should be involved in the procedures of external review of the educational programmes.

#### **4. RECOMMENDATIONS FOR IMPROVEMENT**

Thus, based on the analyses of the presented documents, meetings and interviews, conducted during the site-visit, with the purpose of improving the quality of delivering the educational programmes under accreditation the Review Panel recommends that:

1. The University should improve cooperation with the students on the issues of development and introduction of the quality assurance policy.

2. All stakeholders should be informed about the goals and the strategy of the Faculty development.

3. In regard to the educational programme "Architecture", the display of courseworks should be held as part of the internal quality assurance system; the works should undergo internal and external reviews.

4. The procedure of updating the educational programmes should be specified in accordance with the development of science and industry. The teachers, students, and employers should be involved.

5. The students should be informed about their rights and possibilities at the University, in particular, the possibility of making a individual learning path.

6. Independent external review of courseworks should be regularly conducted.

7. A roadmap on improvement of student academic mobility should be developed. The students should be better informed about the academic mobility programmes.

8. Language proficiency of the students and teachers should be improved.

9. The Diploma Supplement should contain information on the average percentage of student academic progress.

10. New modeling technologies (BIM) should be used in the integrated design of the educational programmes.

11. A roadmap on involvement of young teachers should be developed. Teachers from other educational institutions should be involved in the educational process.

12. The analysis of material and technical resources should be conducted in order to provide the students and staff with computers with modern software.

13. A roadmap on creating a comfortable environment at the Faculty for people with reduced mobility should be developed.

14. The students and staff should be actively involved in the collection and analysis of the information for the management of the educational programmes at the Faculty.

15. The information on employability and demand for the graduates should be regularly updated.

16. The English version of the website should contain more information.

17. Cooperation with employers should be maintained; they should be involved in the procedures of external review of the educational programmes.

## 5. CONCLUSION

Based on the self-evaluation report analysis, documents and data submitted the External Review Panel has come to the conclusion that the cluster of educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) **fully** complies 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 educational programmes «Construction» (08.03.01, 08.04.01), «Architecture» (07.03.01), «Design of Architectural Environment» (07.03.03), «Construction of Unique Buildings and Facilities» (08.05.01) delivered by National Research Ogarev Mordovia State University for the period of **six** years.

## ANNEX A

### SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Activity	Participants	Venue
<b>December 17, Tuesday</b>			
8.00	Transfer from the hotel "Saransk" to the University, 68, Bolshevistskaia Str.		
8.30 – 10.00	First meeting of the External Review Panel	ERP, NCPA coordinator, interpreter	Building 1, 14 <sup>th</sup> floor, Room 1404, 68, Bolshevistskaia Str.
10.00 – 11.00	<b>Meeting of the ERP with the University administration and people responsible for accreditation</b>	Rector, Vice-Rectors, people responsible for accreditation, ERP	Building 1, 13 <sup>th</sup> floor, Conference Hall, Room 1302, 68, Bolshevistskaia Str.
11.00 – 12.00	Tour of the University (visiting classrooms, library, etc.)	ERP	Buildings 1,2, 68, Bolshevistskaia Str.
12.00 – 13.30	Lunch		Dining Room, 68B, Bolshevistskaia Str.
13.30 – 14.00	Transfer to Building 4		Building 4, 24, Sovetskaia Str.
14.30 – 15.00	Internal meeting of the Panel	ERP, NCPA coordinator	Building 4, Room 107, 24, Sovetskaia Str.
15.00 – 16.00	<b>Meeting with Dean, Deputy Deans, Manager for Quality</b>	Dean, Deputy Deans, Manager for Quality, ERP	Building 4, Room 218, 24, Sovetskaia Str.
16.00 – 16.30	Work with documents	ERP, NCPA coordinator	Building 4, Room 107, 24, Sovetskaia Str.
16.30 – 17.30	<b>Meeting with Heads of Departments</b>	Heads of Departments, ERP	Building 4, Room 218, 24, Sovetskaia Str.
17.30 – 18.00	Internal meeting of the Panel	ERP	Building 4, Room 107, 24, Sovetskaia Str.
18.00 – 19.00	<b>Meeting with graduates</b>	Graduates, ERP	Building 4, Room 218, 24, Sovetskaia Str.
19.00 – 19.15	Internal meeting of the Panel	ERP	Building 4, Room 107, 24, Sovetskaia Str.

### December 18, Wednesday

9.30	Transfer from the hotel to Building 4		Building 4, 24, Sovetskaia Str.
10.00 – 11.00	<b>Meeting with teachers</b>	Teachers, ERP	Building 4, Room 218, 24, Sovetskaia Str.
11.00 – 11.30	Internal meeting of the Panel	ERP	Building 4, Room 107, 24, Sovetskaia Str.
11.30 – 12.30	<b>Attending classes (optional)</b>	ERP	Building 4, 24, Sovetskaia Str.; Building 5, 22, Volodarskogo Str.
12.30 – 13.30	Lunch		Dining Room, 68B, Bolshevistskaia Str.
13.30 – 14.30	<b>Meeting with students</b>	Students, ERP	Building 4, Room 218, 24, Sovetskaia Str.
14.30 – 18.00	Internal meeting of the Panel, work with documents	ERP	Building 4, Room 107, 24, Sovetskaia Str.
18.00 – 19.00	<b>Meeting with representatives of professional community</b>	Employers, ERP	Building 4, Room 218, 24, Sovetskaia Str.
19.00 – 19.15	Internal meeting of the Panel	ERP	Building 4, Room 107, 24, Sovetskaia Str.

### December 19, Thursday

8.45	Transfer from the hotel "Saransk" to the University, 68, Bolshevistskaia Str.		
09.00 – 12.00	Internal meeting of the Panel: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	Building 1, 14 <sup>th</sup> floor, Room 1404, 68, Bolshevistskaia Str.
12.00 – 13.00	<b>Closing meeting of the External Review Panel with the representatives of the University</b>	ERP, University administration, Heads of the Departments, teachers, students	Building 1, 13 <sup>th</sup> floor, Conference Hall, Room 1302, 68, Bolshevistskaia Str.
13.00 – 14.00	Lunch		Dining Room, 68B, Bolshevistskaia Str.
	Departure		

## ANNEX 5

### PARTICIPANTS OF THE MEETINGS

#### Administration of the HEI, persons responsible for accreditation:

<b>№</b>	<b>Name</b>	<b>Position</b>	<b>Contact Information</b>
1.	Sergei Vdovin	Rector, Professor, Department of Management	rector@mrsu.ru +7 (8342) 244888
2.	Alina Maslova	Vice-Rector for Academic Affairs, Management Representative for Quality	omk-mrsu@yandex.ru +7 (8342) 222965, 482392
3.	Petr Senin	Vice-Rector for Research	vice-rector-innov@adm.mrsu.ru +7 (8342) 233260
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5.	Marina Martynova	Vice-Rector for Extra-Curricular Activities	vice-rector-opt@adm.mrsu.ru +7 (8342) 222968
6.	Konstantin Leschankin	Vice-Rector for Informatization and International Cooperation	vice-rector-inf@adm.mrsu.ru +7 (8342) 222967
7.	Elena Zavariukhina	Head of the Educational and Methodological Department	dep-study@adm.mrsu.ru +7 (8342) 24-49-34
8.	Irina Mikhalkovich	Director of the Centre for Support of Graduates Employability	csz_mrsu@mail.ru +7 (8342) 222973
9.	Olga Ageeva	Head of the Department for Training of Highly-Qualified Staff	ageeva200981@mail.ru +7 (8342) 270725; 477470

#### Heads of Departments:

<b>№</b>	<b>Name</b>	<b>Position</b>	<b>Contact Information</b>
1.	Vasilii Antoshkin	Head of the Department of Buildings, Facilities and Motor Roads	kzsiad@mail.ru 22-30-98; +79276406351
2.	Aleksei Astashov	Head of the Department of Engineering and Computer Graphics	msu.asf.decg@ya.ru 47-86-34; +79271964257
3.	Aleksei Boriskin	Head of the Department of Architecture and Design	asf.arch_i_dizain@mail.ru 47-33-75; +79271841302
4.	Vladimir Seliaev	Head of the Department of Engineer Constructions	ntorm80@mail.ru 47-71-56; +79276424852
5.	Vasilii Cherkasov	Head of the Department of Applied Mechanics	asf212@bk.ru 47-37-13; +79272764035

#### Teachers:

<b>№</b>	<b>Name</b>	<b>Position</b>	<b>Contact Information</b>
1.	Valerii Avdonin	Associate Professor, Department of Applied Mechanics	+79510535208
2.	Margarita Bazhanova	Associate Professor, Department of Buildings, Facilities and Motor Roads	+79276443513
3.	Anna Dergunova	Associate Professor, Department of Construction Materials and Technologies	+79271800260
4.	Sergei Dudynov	Professor, Department of Buildings, Facilities and Motor Roads	+79179963983
5.	Aleksei Emelianov	Associate Professor, Department of Applied Mechanics	+79033252902
6.	Sergei Korotaev	Associate Professor, Department of Buildings, Facilities and Motor Roads	+79030511532
7.	Luidmila Kupriashkina	Associate Professor, Department of Engineer Constructions	+79271859653

8.	Anatolii Kiiakin	Associate Professor, Department of Architecture and Design	+79050094623
9.	Sergei Molodykh	Associate Professor, Department of Construction Materials and Technologies	+79061644804
10.	Tatiana Nizina	Professor, Department of Engineer Constructions	+79179936389
11.	Larisa Oshkina	Associate Professor, Department of Engineering and Computer Graphics	+79053782175
12.	Aleksandr Rodin	Associate Professor, Department of Construction Materials and Technologies	+79510514528
13.	Elena Samolkina	Senior teacher, Department of Architecture and Design	

### Students:

<b>№</b>	<b>Name</b>	<b>Field of Study</b>	<b>Year</b>	<b>Contact Information</b>
1.	Vladislav Ermolaev	08.05.01 Construction of Unique Buildings and Facilities	5	+79179921399
2.	Anastasia Makushkina	08.03.01 Construction	4	+79179935171
3.	Dmitrii Busargin	08.03.01 Construction	3	+79603381120
4.	Aleksandra Miasnikova	08.05.01 Construction of Unique Buildings and Facilities	4	+79276448983
5.	Natalia Anoshkina	08.05.01 Construction of Unique Buildings and Facilities	2	+79375142278
6.	Kristina Kudashkina	07.03.01 Architecture	5	+79376740540
7.	Olga Savanova	07.03.01 Architecture	3	+79061642325
8.	Vitalii Kiselev	07.03.03 Design of Architectural Environment	5	+79279784085
9.	Oksana Lediaikina	08.04.01 Construction	2	+79648416845
10.	Yulia Ruzaeva	08.04.01 Construction	2	+79271752066
11.	Eliza Mkrtchian	08.04.01 Construction	2	+79279706127
12.	Galina Amelina	08.04.01 Construction	2	+79279713013
13.	Denis Karandashov	08.04.01 Construction	1	+79375143374
14.	Yana Orlova	08.04.01 Construction	2	+79271907733

### Representatives of employers:

<b>№</b>	<b>Name</b>	<b>Position</b>	<b>Contact Information</b>
1.	Nikolai Burnaikin	Director General, Factory ZhBK-1	+79272764616
2.	Sergei Pronkin	First Deputy Minister of Construction, Transport and Road Industry of the Republic of Mordovia	+79061616950
3.	Petr Grigorkin	Deputy Head of the urban district Saransk – Director, Department of Construction, Administration of the urban district Saransk	
4.	Aleksei Fedotov	First Deputy Head – Chief Engineer, Department of Motor Roads of the Republic of Mordovia	+79271715805
5.	Aleksei Mironov	Head of the Department of Laboratory Control and Quality Control, Department of Motor Roads of the Republic of Mordovia	+79271832318
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## ANNEX B

### THE SCALE OF ASSESSMENT PARAMETERS OF STUDY PROGRAMMES

Nº	Standards	Assessment of the study programme			
		Full compliance	Substantial compliance	Partial compliance (needs improvement)	Non-compliance
1.	Policy (goals, development strategy) and quality assurance procedures of a study programme	+			
2.	Design and approval of programmes	+			
3.	Student-centred learning, teaching and assessment	+			
4.	Student admission, support of academic achievements and graduation	+			
5.	Teaching staff	+			
6.	Learning resources and student support	+			
7.	Collection, analysis and use of information for managing the study programme	+			
8.	Public information	+			
9.	On-going monitoring and periodic review of programmes	+			
10.	Cyclical external quality assurance of study programmes	+			