




# SUMMARY REPORT

on public accreditation of the cluster of educational programmes in

- «Operation of Transport and Technological Machines and Complexes» (23.03.03),
- «Ground Transportation and Technological Equipment» (23.05.01),
- further education programme «Operation of Transport and Technological Machines and Complexes»,

delivered by Stolypin Ulyanovsk State Agrarian 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 «Operation of Transport and Technological Machines and Complexes» (23.03.03), «Ground Transportation and Technological Equipment» (23.05.01), further education programme «Operation of Transport and Technological Machines and Complexes» delivered by Stolypin Ulyanovsk State Agrarian University.

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

## CONTENTS

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General information on educational institution.....	4
Information on the educational programmes undergoing accreditation.....	5
Achievements of the educational programmes.....	7
External review panel.....	10
Compliance of the external review outcomes with the standards	12
Distribution digram of the external review outcomes.....	16
Conclusion of the external review panel.....	17
Schedule of the site visit of the external review panel.....	18

## GENERAL INFORMATION ON EDUCATIONAL INSTITUTION

Full name of the educational institution	<i>Federal State Budgetary Educational Institution of Higher Education «Stolypin Ulyanovsk State Agrarian University»</i>
Founders	<i>Ministry of Agriculture of the Russian Federation</i>
Year of foundation	<i>1943 — Ulyanovsk Agricultural Institute of USSR People's Commissariat of State Farms 1994 — Ulyanovsk Agricultural Institute 1996 — Ulyanovsk State Agricultural Academy 1997 — State Educational Institution «Ulyanovsk State Agricultural Academy» 2002 — Federal State Educational Institution of Higher Professional Education «Ulyanovsk State Agricultural Academy» 2011 — Federal State Educational Institution of Higher Professional Education «Ulyanovsk State Agricultural Academy» 2012 — Federal State Budgetary Educational Institution of Higher Professional Education «Stolypin Ulyanovsk State Agricultural Academy » 2014 — Federal State Budgetary Educational Institution of Higher Education «Stolypin Ulyanovsk State Agricultural Academy» 2017 — Federal State Budgetary Educational Institution of Higher Education «Stolypin Ulyanovsk State Agrarian University»</i>
Location	<i>1, Novy Venets Boulevard, Ulyanovsk, Ulyanovsk Region, 432017, the Russian Federation</i>
Rector	<i>Aleksandr Dozorov</i>
License	<i>Series 90Л01 №8777 reg. № 1758 dated 07.04.2017 permanent</i>
State accreditation	<i>Certificate of State Accreditation Series 90A01 № 1816, reg. №1723 dated 07.04.2017 valid till 26.08.2020</i>
Number of students	<i>4389 including: full-time 1661 on-site and off-site 185 part-time 2543</i>

## INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	<i>«Operation of Transport and Technological Machines and Complexes» (23.03.03) , «Ground Transportation and Technological Equipment» (23.05.01) , «Operation of Transport and Technological Machines and Complexes»</i>
Level of training / Standard period of training	<i>Bachelor's Degree Programme / 4 years Engineer / 5 years - / from 250 hours</i>
Structural subdivision (head)	<i>Faculty of Engineering (Andrei Pavlushin, Doctor of Engineering Sciences, Professor)</i>
Major departments (heads)	<i>Department of Operation of Mobile Machines and Production Equipment (Aleksei Khokhlov, Doctor of Engineering Sciences, Candidate of Engineering Sciences)</i>
Date of the site visit	<i>10-12 October 2017</i>
Person responsible for public accreditation	<i>Andrei Pavlushin, Doctor of Engineering Sciences, Professor, Dean of the Faculty of Engineering</i>

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

Indicators	2017
<b>Cluster of the educational programmes «Operation of Transport and Technological Machines and Complexes» (23.03.03), «Ground Transportation and Technological Equipment» (23.05.01)</b>	
Number of the given programmes in the RF	226
Number of higher educational institutions to offer the given programmes	191
Number of programmes – winners of the project (% from total amount of these programmes offered in the RF)	10 (4,4%)
<b>Ulyanovsk Region</b>	
Number of the given programmes offered in the region	4
Number of programmes – winners of the project (% from total amount of these programmes offered in the region)	0 (0%)
Number of higher educational institutions and branches in the region	14
Total number of programmes offered in the region	194
Total number of programmes – winners of the project (% from total amount of these programmes offered in the region)	24 (12,4%)

### REFERENCE DATA ON STUDENT ENROLMENT FOR EDUCATIONAL PROGRAMMES



## **ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMMES**

### **Quality of the delivered educational programmes**

High quality of the educational programmes is provided by effective selection of applicants, is approved by success of students on competitions and conferences, and high demand for graduates.

### **Providing up-to-date contents of education**

Students are actively involved in research activities of the Departments. They publish scientific articles, participate in scientific conferences and competitions, etc. 75% of graduates have scientific publications by the end of study at the University. Due to research activities students get to know world scientific achievements and new products in education, science and technology.

### **Teaching staff**

A highly qualified teaching staff works at the Faculty. 85% of teachers are Candidates or Doctors of Sciences. 8 Doctors of Engineering Sciences, 39 Associate Professors and Candidates of Sciences are involved in academic and scientific work.

### **Independent assessment of knowledge**

Students who participated in the experiment of the Federal Education and Science Supervision Agency confirmed their knowledge of the discipline «Construction Materials Engineering» (the field of study «Ground Transportation and Technological Equipment») during summer examination period of 2016-2017. They also successfully participated in the III stage of the experiment of the Federal Education and Science Supervision Agency on the discipline «Mathematics».

### **Educational resources**

The Faculty of Engineering regularly renews material and technical resources. Specialized classrooms were opened with the help of the partners (regional dealers of the leading producers of agricultural equipment «Rostselmash», «Gomselmash» and «Saint-Petersburg Tractor Factory»). For the last 5 years training and laboratory equipment at the cost of more than 20 million rubles was bought. Scientific laboratories are reequipped. Teachers actively participate in Russian competitions, receive grants, etc. Infrastructure facilities and laboratories are modernized.

### **Research activity**

The University is sufficiently provided with equipment. The teaching staff is highly qualified. Students are actively involved in education and scientific activities. All of this results in growth of the number of grants and economic agreements (more than 4 million rubles for 2016). 12 articles were published in the leading journals of Scopus and Web of

Science in 2016. Members of the editorial boards of leading Russian and foreign scientific journals teach at the Faculty. 3 Candidate and 3 Doctoral dissertations were presented for the last 2 years. In 2016 100 patents for inventions and utility models were obtained. 12 monographs were published for the last 5 years. A research school was opened.

### Academic mobility of students

The Faculty of Engineering actively develops mobility of students. They participate in national and international scientific internships, Olympiads, and Russian scientific conferences.

### Employability of graduates

Graduates of the Faculty are in demand on the labour market. They work in research institutes, leading transport and technological enterprises of the Ulyanovsk and other regions of the Russian Federation. They also work as teachers in the universities, colleges, etc. The best students of the Faculty continue their study at the University.

### International projects

The main areas of international scientific cooperation are: development of external links in education and science, holding of international seminars, symposiums and conferences, active cooperation with different international organizations, associations and funds to develop multilateral cooperation and sustain the image of the University, providing mobility of students and involvement of teachers in international educational and research process. Teachers of the Faculty actively participate in foreign internships.

The educational programmes «Operation of Transport and Technological Machines and Complexes» (23.03.03), «Ground Transportation and Technological Equipment» (23.05.01) 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 № 2014/2/387 dated 05.03.2015).



Направления подготовки высшего образования	
020400.62	Биология
06.03.01	Биология
080100.62	Экономика
110100.62	Агрохимия и агропочвоведение
110400.62	Агрономия
110800.62	Агроинженерия
110900.62	Технология производства и переработки сельскохозяйственной продукции
111100.62	Зоотехния
111400.62	Водные биоресурсы и аквакультура
111801.65	Ветеринария
111900.62	Ветеринарно-санитарная экспертиза
120700.62	Землеустройство и кадастры
190109.65	Наземные транспортно-технологические средства
190600.62	Эксплуатация транспортно-технологических машин и комплексов
21.03.02	Землеустройство и кадастры
35.03.03	Агрохимия и агропочвоведение
35.03.04	Агрономия
35.03.06	Агроинженерия
38.03.01	Экономика
38.05.01	Экономическая безопасность

Направления подготовки среднего профессионального образования	
21.02.04	Землеустройство
35.02.07	Механизация сельского хозяйства
38.02.01	Экономика и бухгалтерский учет (в отраслях)

Генеральный директор

М.П.



НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ ИНСТИТУТ  
МОНИТОРИНГА КАЧЕСТВА ОБРАЗОВАНИЯ

## СЕРТИФИКАТ КАЧЕСТВА

№ 2014/2/387 от 05.03.2015

настоящим подтверждается, что образовательные программы (Приложение)

федерального государственного бюджетного образовательного учреждения высшего профессионального образования

"УЛЬЯНОВСКАЯ ГОСУДАРСТВЕННАЯ СЕЛЬСКОХОЗЯЙСТВЕННАЯ АКАДЕМИЯ ИМЕНИ П.А. СТОЛЫПИНА"

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

«Федеральный Интернет-экзамен в сфере профессионального образования»

Генеральный директор

М.П.



октябрь 2014 – февраль 2015



## EXTERNAL REVIEW PANEL



**Aleksei Solntsev** (Moscow)

Review Chair, Russian expert

*Doctor of Engineering Sciences, Professor, Dean of the Faculty of Motor Transport, Moscow Automobile and Road Construction State Technical University (MADI), member of the Guild of Experts in Higher Education*

A nominee of the Guild of Experts in Higher Education



**Rudolf Fridrikh** (Rostov-on-Don)

Deputy Review Chair, Russian Expert

*Candidate of Engineering Sciences, Associate Professor, Dean of the Faculty «Mechanical Engineering», Don State Technical University*

A nominee of the Guild of Experts in Higher Education



**Andrei Tigin** (Ulyanovsk)

Panel member, representative of the professional community

*Director of the Department on Supervision over Technical State of Self-Propelled Vehicles and Other Kinds of Machines of the Ulyanovsk Region, Ministry of Industry, Construction, Housing and Municipal Complex and Transport of the Ulyanovsk Region*

A nominee of the Ministry of Industry, Construction, Housing and Municipal Complex and Transport of the Ulyanovsk Region



**Elena Zhidkova** (Ulyanovsk)

Panel member, representative of students

*Student of Ulyanovsk State University*

A nominee of Ulyanovsk State University

## **INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMMES**

### **Nikolai Aiugin**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Service and Mechanics»*

### **Andrei Glushchenko**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Operation of Mobile Machines and Production Equipment»*

### **Marat Zamaldinov**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Material Engineering and Engineering Technology»*

### **Mikhail Karpenko**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Service and Mechanics»*

### **Vladimir Kurdiumov**

*Doctor of Engineering Sciences, Professor, Head of the Department  
"Agrotechnology, Machines and Health and Safety"*

### **Aleksandr Morozov**

*Candidate of Engineering Sciences, Associate Professor, Head of the  
Department «Material Engineering and Engineering Technology»*

### **Rail Mustiakimov**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Operation of Mobile Machines and Production Equipment»*

### **Evgenii Proshkin**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Operation of Mobile Machines and Production Equipment»*

### **Ilmas Salakhutdinov**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Operation of Mobile Machines and Production Equipment»*

### **Evgenii Sidorov**

*Candidate of Engineering Sciences, Associate Professor, Head of the  
Department «Service and Mechanics»*

### **Aleksei Khokhlov**

*Doctor of Engineering Sciences, Candidate of Technical Sciences, Associate  
Professor, Head of the Department «Operation of Mobile Machines and  
Production Equipment»*

### **Ivan Sharonov**

*Candidate of Engineering Sciences, Associate Professor of the Department  
«Agrotechnology, Machines and Health and Safety»*

## **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:**

Task-oriented successive work on improvement of all spheres of educational and research activities is carried out in accordance with modern development tendencies of educational and professional standards.

The University administration, representatives of employers, students and graduates cooperate on improvement of implementation of the educational programmes undergoing accreditation.

### **STANDARD 2. Design and approval of programmes**

Compliance with the standard: **substantial compliance**

#### **Good practice:**

Purposes of the programmes fully reflect contents of the educational process.

A system of automated design of the educational programmes is used when forming curricula and working programmes of disciplines. It allows to use corrective measures and control executive discipline.

Employers are actively involved in development and agreement of the educational programmes.

Mechanisms of influence of changes in the programmes on learning outcomes are documented and used.

#### **Areas for improvement:**

It is recommended to analyze the list of professional standards and correspond it with the educational programmes.

### **STANDARD 3. Student-centered learning and assessment**

Compliance with the standard: **full compliance**

#### **Good practice:**

There is a wide range of educational services for blue-collar occupations. Students have the possibility to apply their knowledge in practice. Graduates have working experience by the end of study.

There is a centre of supplementary training.

Student government is well developed.

Ethical standards of behaviour are used in all spheres of the educational process.

A rating system of assessment of students' knowledge is effectively used.

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

Compliance with the standard: **full compliance**

#### **Good practice:**

A systematic work on career guidance with students of the educational institutions of the Ulyanovsk Region is carried out. Analysis of the results of applicants' admission is carried out. Corrective actions in teachers' work are used. Activity of work on career guidance of the teaching staff is taken into account in the contract of employment.

A systematic work on support of students' academic progress is carried out.

The educational commission allows teachers to determine external and internal factors that negatively affect the educational process.

### **STANDARD 5. Teaching staff**

Compliance with the standard: **substantial compliance**

#### **Good practice:**

A system of professional retraining of the teaching staff is effectively used.

A system of financial and non-financial support of research activities of the teaching staff is effectively used.

High research and publication activities of teachers are in place. The teaching staff participates in various scientific events.

### **Areas for improvement:**

It is recommended to properly document involvement of employers, representatives of professional communities of the region in the educational process.

It is advisable to take into account best practices of the Russian educational institutions having the same educational programmes.

### **STANDARD 6. Learning resources and student support**

Compliance with the standard: **full compliance**

#### **Good practice:**

Models of modern transport and technological machines are used in the educational process.

Measuring instruments, test devices and diagnostic equipment are used by students in their research.

Opinions polls of students on contentment with the educational programmes are developed and regularly held.

Engineering and technical, information and social infrastructure of the University fully provide availability of getting educational services for people with disabilities.

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

Compliance with the standard: **substantial compliance**

#### **Good practice:**

Electronic document flow, a united information network are used.

Social networks are used by teachers and administration of the Faculty to inform applicants, students, employers and other stakeholders about important events and achievements of the University.

### **Areas for improvement:**

It is recommended to improve efficiency of work of personal accounts of students and teachers.

## **STANDARD 8. Public information**

Compliance with the standard: **substantial compliance**

### **Good practice:**

Normative documents regulating procedures for implementing the educational programmes are available.

Round tables with participation of employers are held.

The public is regularly informed about achievements of the educational programmes.

### **Areas for improvement:**

It is recommended to closely cooperate with professional associations.

It is advisable to extend ties with foreign partners.

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

Compliance with the standard: **full compliance**

### **Good practice:**

There is a Provision on monitoring of conditions for implementing main Bachelor's, Master's and Specialist's Degree Programmes of the University.

The Public Relations Department works at the University.

Round tables with participation of employers on issues of education quality are regularly held.

Students and graduates positively speak of the educational programmes and their quality.

## **STANDARD 10. Cyclical external quality assurance of the educational programmes**

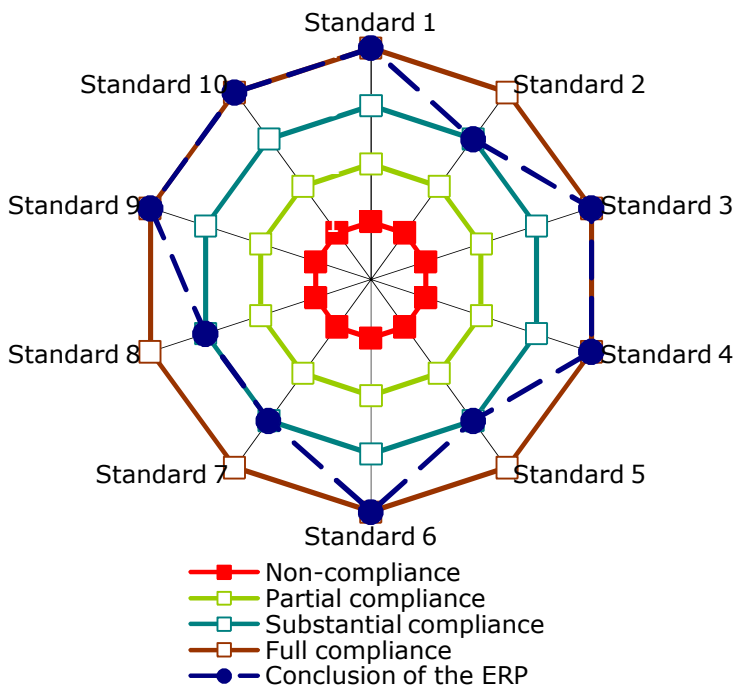
Compliance with the standard: **full compliance**

### **Good practice:**

The University regularly participates in external procedures of quality assurance.

Corrective measures based on the results of external reviews are taken.

## 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 «Operation of Transport and Technological Machines and Complexes» (23.03.03), «Ground Transportation and Technological Equipment» (23.05.01), further education programme «Operation of Transport and Technological Machines and Complexes» **substantially 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 educational programmes «Operation of Transport and Technological Machines and Complexes» (23.03.03), «Ground Transportation and Technological Equipment» (23.05.01), further education programme «Operation of Transport and Technological Machines and Complexes» delivered by Stolypin Ulyanovsk State Agrarian University for the period of **6 years**.

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

Time	Activity	Participants	Venue
<b>October 10, Tuesday</b>			
8.45	Arrival at the University		15a, Studencheskaya Str., Oktyabrskiy, Cherdaklinsky District, Ulyanovsk Region
09.00 – 11.00	The first meeting of the external review panel		Conference hall of the Administration Building, Room 41, 15a, Studencheskaya Str.
11.00 – 12.00	<b>Meeting of the ERP with the University administration and people responsible for accreditation</b>	Rector, Vice-Rectors, people responsible for accreditation, ERP	Conference hall of the Administration Building, Room 41, 15a, Studencheskaya Str.
12.00 – 13.00	Tour of the University (visiting classrooms, library, etc.)	ERP	Science Campus (5,9,13,15,17, 12A,19,15a,3a, Studencheskaya Str.)
13.00 – 14.00	Lunch		University Cafe, 15a, Studencheskaya Str.
14.00 – 14.30	Internal meeting of the ERP	ERP	Room 211, 9, Studencheskaya Str.
14.30 – 15.30	<b>Meeting with Institute Directors/Deans</b>	Institute Director, Deputy Directors, Heads of the Graduate Departments, ERP	Room 212, 9, Studencheskaya Str.
15.30 – 16.00	Work with documents	ERP	Room 211, 9, Studencheskaya Str.
16.00 – 17.00	<b>Meeting with Heads of Departments</b>	Heads of Departments, ERP	Room 212, 9, Studencheskaya Str.
17.00 – 17.30	Internal meeting of the ERP	ERP	Room 211, 9, Studencheskaya Str.
17.30 – 18.30	<b>Meeting with graduates</b>	Graduates, ERP	Room 212, 9, Studencheskaya Str.
18.30 – 19.00	Internal meeting of the ERP	ERP	Room 211, 9, Studencheskaya Str.

<b>October 11, Wednesday</b>			
9.45	Arrival at the University		15a, Studencheskaya Str., Oktyabrskiy, Cherdaklinskiy District, Ulyanovsk Region
10.00 – 11.00	<b>Meeting with teachers</b>	Teachers, ERP	Room 212, 9, Studencheskaya Str.
11.00 – 11.30	Internal meeting of the ERP	ERP	Room 211, 9, Studencheskaya Str.
11.30 – 12.30	<b>Meeting with students</b>	Students, ERP	Room 212, 9, Studencheskaya Str.
12.30 – 13.00	Internal meeting of the ERP	ERP	Room 211, 9, Studencheskaya Str.
13.00 – 14.00	Lunch		University Cafe, 15a, Studencheskaya Str.
14.00 – 16.30	Work with documents / Visiting classes on Metrology, Standardization and Certification; Test of Vehicles and Tractors	ERP	Room 211, 203. 427-3, 9, Studencheskaya Str.
16.30 – 17.30	<b>Meeting with representatives of professional community</b>	Employers, ERP	Room 211, 9, Studencheskaya Str.
17.30 – 18.00	Internal meeting of the ERP	ERP	Room 211, 9, Studencheskaya Str.
<b>October 12, Thursday</b>			
9.45	Arrival at the University		15a, Studencheskaya Str., Oktyabrskiy
10.00 – 13.00	Internal meeting of the ERP: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	Room 211, 9, Studencheskaya Str.
13.00 – 14.00	<b>Closing meeting of the External Review Panel with the representatives of the University</b>	ERP, University administration, Heads of the Graduate Departments, teachers, students	Activity hall, Administrative Building, 15a, Studencheskaya Str.
14.00 – 15.00	Lunch		University Cafe, 15a, Studencheskaya Str.
	Departure		