SUMMARY REPORT

on international external evaluation of
the cluster of educational programmes:

"Electronics and Nanoelectronics" (11.03.04, 11.04.04),
"Electronics, Radio Engineering and Communication Systems" (11.06.01),

delivered by the Federal State Autonomous Educational Institution of Higher Education "National Research Lobachevsky State University of Nizhny Novgorod"

2020

While preparing this Summary Report we used information from the Self-Evaluation Report and the Report on the External Review of the cluster of educational programmes in "Electronics and Nanoelectronics" (11.03.04, 11.04.04), "Electronics, Radio Engineering and Communication Systems" (11.06.01), delivered by National Research Lobachevsky State University of Nizhny Novgorod.

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

CONTENTS

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 standards13

Distribution digram of the external review outcomes.....19

Conclusion of the external review panel 20

Schedule of the site visit of the external review panel 21

GENERAL INFORMATION ON EDUCATIONAL INSTITUTION

Full name of the educational institution	*Federal State Autonomous Educational Institution of Higher Education "National Research Lobachevsky State University of Nizhny Novgorod" (here and after UNN – University of Nizhny Novgorod)*
Founders	*Ministry of Education and Science of the Russian Federation*
Year of foundation	*1916 – University of Nizhny Novgorod* *1918 – State University of Nizhny Novgorod* *1956 – Lobachevsky State University of Gorky* *2009 – Lobachevsky State University of Nizhny Novgorod (National Research University)*
Location	*603950, 23 Gagarin Ave, Nizhny Novgorod, Russian Federation*
Rector	*Evgeny Chuprunov*, *Doctor of Sciences*
License	*Series 90Л01 №8929 reg. №1897 dated 28.01.2016, permanent*
State Accreditation	*Certificate of State Accreditation, Series 90A01 № 1997, reg. №1902 dated 29.04.2016 valid till 25.06.2018*
Number of students	*22094* *among them:* *Full-time 12028* *On-site and off-site 880* *Part-time 9186*

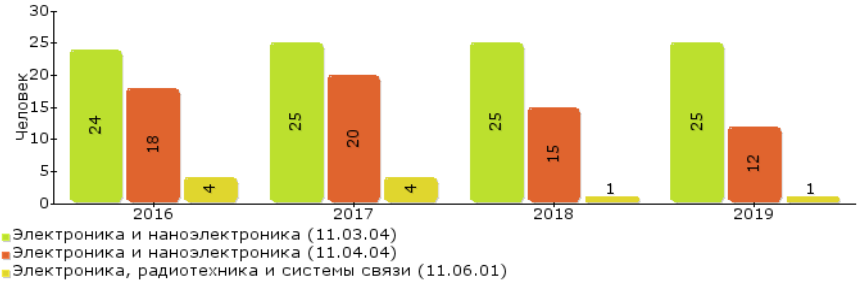
INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	*"Electronics and Nanoelectronics" (11.03.04, "Electronics and Nanoelectronics" 11.04.04), "Electronics, Radio Engineering and Communication Systems" (11.06.01),*
Level of training / Standard period of training	*Bachelor's Degree Programme / 4 years* *Master's Degree Programme / 2 years* *Post Graduate Programme / 4 years*
Structural subdivision (head)	*Physical-Technical Research Institute (Vladimir Chuvildeev, Doctor of Physics and Mathematics, Professor)* *Education Center "Physics of Solid Nanostructures" (Oleg Gorshkov, Candidate of Physics and Mathematics, Associate Professor)* *Faculty of Physics (Alexander Malyshev, Candidate of Physics and Mathematics, Associate Professor)*
Major departments (heads	*Department of Semiconductor Physics, Electronics and Nanoelectronics (Dmitry Pavlov, Doctor of Physics and Mathematics, Professor)*
Date of the site visit	*10-12 December 2019*
Persons responsible for public accreditation	*Associate Professor Olga Petrova, UNN Vice-Rector for Academic Affairs,* *Cand.Sc.(Sociology), Ilya Kolpakov, Centre for Education Quality, specialist*

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

Indicators	2020
Cluster of the educational programmes in "Electronics and Nanoelectronics" (11.03.04, 11.04.04)	
Number of the given programmes in the RF	155
Number of higher educational institutions to offer the given programmes	82
Number of programmes – winners of the project (% from total amount of these programmes offered in the RF)	31 (20%)
Nizhni Novgorod Region	
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)	2 (50%)
Number of higher educational institutions and branches in the region	26
Total number of programmes offered in the region	532
Total number of programmes – winners of the project (% from total amount of these programmes offered in the region)	90 (17%)

REFERENCE DATA ON STUDENT ENROLLEMENT FOR EDUCATIONAL PROGRAMMES



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMMES

Quality of the delivered educational programmes

Coordinated interaction between the structural units of the UNN and the Faculty of Physics facilitates the procedures of educational quality assurance.

Employers are actively involved in the implementation of the educational programmes. Strong and solid connections are established with academic and sectoral institutions with the purpose of providing practical training and subsequent employment of graduates. Active interaction with employers to provides locations for work placement and helps to develop assessment tools in the disciplines of the programme cluster, regular evaluation of the programmes, reviewing curricula and educational standards. Development and implementation of the University's own educational standards is aimed at creating a competitive system of higher education in the field of electronics and nanoelectronics that can have a significant impact on the innovative development of the region, taking into account its development strategy.

Providing up-to-date content of education

Availability and accessibility of clearly formulated, documented, approved and published objectives and expected learning outcomes of the degree programme, and their compliance with the mission, goals and objectives of the educational organization, as well as procedures for the development, approval and adjustment of the degree programmes.

Favorable environment is created for the students' continuous progress, personal growth and development while doing the degree programme is created. Employers are involved in reviewing syllabi, assessment tools and curricula with a view of meeting the requirements of professional standards. The syllabi and assessment tools, are regularly updated taking into account the experience of similar educational programmes of leading Russian and foreign universities.

Teaching staff

The teaching staff have a high level of qualification in the disciplines they teach. 40 teaching staff members are involved in the implementation of the degree programmes of the cluster "Electronics and Nanoelectronics". Of this number, 80% hold a Candidate of Sciences degree, 15% hold a Doctor of Sciences degree, 15% have the rank of Professor. The share of the teaching staff members having academic credentials is 95%. The teachers regularly participate in professional development programmes (once in three years) in the leading Russian and foreign educational and research centres. The teachers have high publication activity and scientometric indicators. Research findings are peer-reviewed. The share of the teachers with Hirsh index 5 or more is - 62% (RSCI), 54% (Scopus) and 46% (Web of Science), with Hirsh index

1 to 4 - 19%, 41% и 46%accordingly. Teacher practitioners having broad experience of work in companies and organizations of Nizhni Novgorod are involved in the implementation of the education process.

Independent assessment of knowledge

NNU takes an active part in the procedures of independent assessment of learning outcomes: Federal Internet Exam in Professional Education (2006-2011), the experiment of independent assessment of knowledge MOOC-2016 and MOOC-2017. The monitoring of opinions and levels of satisfaction of students, teachers and employers with the quality of the education process is conducted annually. Representatives of the professional community participate in the State Final Attestation Boards, supervise, evaluate and review Graduation Qualification Papers.

Educational resources

Educational resources are accessible to student on the University's website and from the electronic research and educational resources of the University's Fundamental Library. The teachers' electronic courses are placed in the system of e-learning in the Fund of electronic editions. The library stock comprises 1500000 units of storage, out of this number there are 4850 dissertations.

Research activity

Extensive research work is carried out at the Faculty of Physics departments. Department employees take part in research and educational projects, conferences and exhibitions: 31 research projects were implemented in 2015-2019; in 2016-2019 27 patents for intellectual property objects were obtained. A dissertation council functions at the UNN Faculty of Physics providing the defense of theses for the degree of Candidate of Sciences and the degree of Doctor of Sciences in the specialties 01.04.07 - Condensed Matter Physics, 01.04.10 - Physics of Semiconductors, 05.27.01 - Solid-State Electronics, Radio-Electronic Components, Micro- and Nanoelectronics, Devices Based on Quantum Effects (Dissertation Council D 212.166.01, approved by order №105 / nk, Higher Attestation Board of the Ministry of Education and Science of the Russian Federation, dated 11.04.2012).

During the period from 2015 to 2019, one thesis for the degree of Doctor of Sciences and 15 theses for the degree of Candidate of Sciences were defended.

Academic mobility of students

UNN has partnerships with more than 100 universities from 40 countries of the world. Every year post graduate students participate in mobility programmes of foreign universities and educational centres, where they study and have internships. Students have an opportunity to acquire a further education qualification «Translator in the Sphere of Professional Communication», studying the courses of English and

Italian. Language testing is organized for those who want to get a certificate. The University issues a Diploma Supplement compatible with the model developed by the European Commission, the European Council and UNESCO/CEPES. At the moment a 2nd year Master student of the Programme "Electronics and Nanoelectronics" is studying in Spain, at Oviedo University on the Erasmus Mundus programme.

Employability of graduates

The University has in place an actively developing Centre for career guidance, which collects information on the employability of graduates. The high competitiveness of the graduates is testified by a large flow of information from employers about the existing vacancies. The students are trained to be active in the labour market. The analysis of graduates' employability for the period of 2016-2019 reveals that over 60% Master Graduates get employed within 3 months after graduation; about 30% continue their education in post graduate programmes. On average 25% Bachelor programme graduates get employed in the first three months after graduation, the rest continue their education in Master programmes. The graduates are employed in the Sedakov Research Institute for Measuring Systems, Institute of Applied Physics of the Russian Academy of Sciences, Institute of Chemistry of High-Purity Substances of the Russian Academy of Sciences, Research and Production Company "Salyut".

International projects

The Faculty of Physics has research connections with the colleagues from the Universities and research centres of Europe, North and South America, and Asia. Currently, the research project in the framework of the megagrant "Comprehensive study of fluctuation phenomena in multistable systems for creating new generations of electronic neuromorphic devices and technologies of artificial intelligence based on memristive materials" is being carried out at the Faculty of Physics, UNN PTRI and the Research and Education Center "Physics of Solid State Nanostructures" under the supervision of the prominent Italian scientist Bernardo Spagnolo (Palermo University, Italy). The staff members participate in international research conferences and publish the findings of their research in international scientific journals.

EXTERNAL REVIEW PANEL

Erich Gornik (Vienna, Austria)

Review Chair, foreign expert

D.Sc., Emeritus Professor, Technical University of Vienna, President of the Austrian Society for Nano- and Microelectronics (1994-2004), President of the Society "Forschung Austria" (2004 - 2008), President of the Austrian Physical Society (2009 – 2012)

Nominated by Agency for Quality Assurance and Accreditation (AQ, Austria)

Sergei Letuta (Orenburg, Russia)

Deputy Review Chair, Russian expert

Doctor of Physical and Mathematical Sciences, Professor, Director of the Common Use Centre of Instrumentation Equipment «Institute of Micro- and Nanotechnology», Orenburg State University, member of the Guild of Experts in Higher Education

Nominated by the Guild of Experts in Higher Education

Silke Christiansen (Berlin, Germany)

Panel member, foreign expert

Dr., Professor, Institute of Experimental Physics at Free University of Berlin, Director of the Institute of Nano-Architectures for Energy Conversion at the Helmholtz Center for Materials and Energy, Distinguished Visiting Professor of Chonbuk National University (South Korea), expert in nanostructures

Nominated by the Accreditation Agency EVALAG, Germany

Vladimir Gavrilenko (Nizhni Novgorod, Russia)

Panel member, representative of professional community

Doctor of Physical and Mathematical Sciences, Professor, Deputy Director for Research, Head of the Department of Physics of Semiconductors, Institute for Physics of Microstructures, Russian Academy of Sciences – branch of the Institute of Applied Physics of the Russian Academy of Sciences

Nominated by Institute for Physics of Microstructures, Russian Academy of Sciences – branch of the Institute of Applied Physics of the Russian Academy of Sciences

Olga Spesivtceva (Nizhni Novgorod, Russia)

Panel member, representative of students

6th year student, Nizhny Novgorod State University of Architecture and Civil Engineering

Nominated by Nizhny Novgorod State University of Architecture and Civil Engineering

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMMES

Dmitry Pavlov

Doctor of Physics and Mathematics, Professor, Head of the Department of Semiconductor Physics, Electronics and Nanoelectronics, the author of monographs and 8 patents , Web of Science Researcher ID O-4965-2019; Hirsh index RSCI, Scopus и Web of Science- 9, Deputy Director of the Research and Education Center "Physics of Solid State Nanostructures", member of Dissertation Councils Д 212.166.01 и Д 212.166.07

Evgeny Demidov

Doctor of Physics and Mathematics, Professor, Honorary Worker of Higher Professional Education of the RF, Honorary Worker of NNU, patent holder, Hirsh Index: RSCI – 10, Scopus – 10, Web of Science – 9; member of Academic Councils of NNU, RIPTI.

Vladimir Chuvildeev

Doctor of Physics and Mathematics, Professor, Director of Physical-Technical Research Institute, author of 15 patents; Hirsh Index: RSCI - 19, Web of Science - 12, Scopus - 14, expert of RFBR, RRF, RAS, expert of «Rosnano», expert of Skolkovo Foundation, member of Dissertation Councils Д212.166.01, Д212.166.09, Д212.165.07, Director of REC «Nanotechnologies» of NNU, Head of the Research School «Nanotechnologies and Nanomaterials» of NNU, Head of the Department of Material Physics

Evgeny Chuprunov

Doctor of Physics and Mathematics, Professor, Head of the Department of Crystallography and Experimental Physics, awardee of the Order of Honour, Order of Friendship; Honorary Citizen of Nizhegorodsky Region, Hirsh Index: RSCI - 17, Web of Science - 11, Scopus – 9. Author of 6 text books, Presidium Member of Higher Attestation Commission, Chair of Dissertation Councils Д 212.166.01, ДМ 212.166.

Alexander Ezhevsky

Doctor of Physics and Mathematics, Professor, Hirsh Index: RSCI - 6, Web of Science - 4, Scopus - 3, member of Dissertation Councils Д 212.166.01, Д 212.166.08, Д 002.069.03, member of Scientific Council on the Chemistry of High Purity Substances of RAS.

Aleksey Kudrin

Candidate of Physics and Mathematics, Associate Professor, patent holder, Hirsh Index: RSCI– 8, Scopus – 7, Web of Science – 7.

Vladimir Burdov

Doctor of Physics and Mathematics, Associate Professor, Head of the Department of Theoretical Physics, Hirsh Index: RSCI - 12, Web of Science - 7, Scopus - 11, member of Dissertation Councils Д 212.166.01, Д 002.069.03, leading researcher of NNU.

Oleg Gorshkov

Candidate of Physics and Mathematics, Associate Professor, Director of the Research and Education Center "Physics of Solid Nanostructures", Hirsh Index: RSCI - 13, Web of Science - 8, Scopus - 10, Head of the Department of RPTI NNU, coordinator and member of the board of ERIC UNN «New Multifunctional Materials and Nanotechnologies», member of the Academic Council of the ERC «Physics and Chemistry of Solid State Structures», founder of the REC «Nanotechnologies».

Vladimir Pereverzentsev

Doctor of Physics and Mathematics, Professor, Head of the research direction «Issues of Machine building» IAM RAS, Honorary Worker of Science of the RF, Professor Emeritus of Lobachevsky State University of Nizhny Novgorod, Knight of the Order of Honour of the European Academy of Natural Sciences, member of the Intergovernmental Coordination Council on Physics of Strength and Plasticity of Materials.

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:

The key-achievement in the quality assurance policy of the educational programme is the right to design own educational standards, which guarantee UNN's involvement in the processes of innovational development of the region. The standards are designed by the administration and academic staff with the participation of students, employers and the University's partners, which provides the involvement of all the stakeholders in implementing the quality assurance policy.

The University's Academic and Methodological Office and the Centre of Quality Assurance provide the participation of all the HEI's units in timely implementation of the required procedures, which guarantee the stability of quality assurance of academic programmes. The procedures of decision making and programme management assure their high professional level. The analysis of the curricula testifies to their up-to-dateness.

The participation of employers and partners in designing the standards guarantees a wide choice of internships in Nizhny Novgorod region and beyond, which encourages all the stakeholders to take part in implementing the quality assurance policy and provides the University with high ranking in national and international top lists.

Areas for improvement:

It is advisable to improve the participation of students and employers in the evaluation of the programmes under accreditation and the development of requirements for forming graduates' competencies.

STANDARD 2. Design and approval of programmes

Compliance with the standard: **full compliance**

Good practice:

The educational programmes have clearly determined goals, objectives and expected outcomes. The procedures of development and approval of the programmes are specified. The Faculty of Physics

regularly develops and implements new requirements for the expected learning outcomes.

The goals and objectives of the educational programmes comply with the HEI's missions, goals and tasks.

The procedures of management and decision making assure the high professional level of the programmes.

The University has a wide choice of internships in Nizhny Novgorod region, other Russian cities and abroad.

Areas for improvement:

It is advisable to specify the procedures of cooperation with employers related to regular agreeing the syllabi of special courses of the Master programmes

It is recommended to involve international teachers and researchers into the process of designing programmes for the purpose of promoting the compliance of the educational programmes with international standards

STANDARD 3. Student-centered learning and assessment

Compliance with the standard: **full compliance**

Good practice:

The students are satisfied with the programmes' content and learning conditions in UNN. Different groups of students have the possibility to participate in the improvement of the educational programmes and design of individual educational paths.

Resident, off-campus and special needs students' requirements are provided for in implementing the programmes.

The curricula and syllabi are structured and guarantee the high level of fundamental training in physics, electronics and nano-technologies.

The criteria and procedures of evaluation of the expected learning outcomes are developed, approved and clear for the students. The University conducts independent evaluation of the expected learning outcomes.

Areas for improvement:

In order to improve the effectiveness of creating individual training paths it is recommended to provide the students with more time for working in laboratories of the base organizations – key employment partners.

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

Compliance with the standard: **full compliance**

Good practice:

The career guidance work is effective and systematic, which is proved by the annual growth of the passing score for applicants of the programme "Electronics and Nanoelectronics".

The rules and procedures of admission, transition of students from other educational institutions, recognition of previous training, acquired credits and qualifications are available for all the stakeholders.

The University developed a system of promoting academic progress and publishing activity.

UNN issues the Diploma Supplement according to the model, which is developed by the European Commission, the Council of Europe and UNESCO/CEPES. The Diploma Supplement is issued by the University's Centre of Quality Assurance.

Areas for improvement:

It is recommended to increase the number of students, who take internships and training courses in foreign HEIs and scientific courses. It is advisable to improve the procedures of mutual recognition for those, who take foreign internships and academic courses.

It is recommended to improve the system of student support and extend students' participation in international conferences.

STANDARD 5. Teaching staff

Compliance with the standard: **full compliance**

Good practice:

The high level of the teaching staff's qualification. High confidence of students in the training.

The conformity of the specialties, scientific degrees and titles with the profile of the educational programmes.

High scientometrical indexes of the teaching staff.

Implementation of the results of research work in the academic process.

Areas for improvement:

It is recommended to extend academic exchange and mobility.

It is advisable to increase the number of teachers and research workers from foreign educational and research institutions.

It is recommended to involve practical specialists and representatives of employers in the academic process of the programmes "Electronics and Nanoelectronics", which includes lecturing, practicums and participation in preparing evaluation materials for taking different types of internships, determined by the curricula of the cluster.

STANDARD 6. Learning resources and student support

Compliance with the standard: **substantial compliance**

Good practice:

The educational programme is provided with material and technical resources, contemporary equipment, devices and computer hardware. The library and informational resources are available and sufficient for independent work. The developed infrastructure promotes the increase of the level of the students' contentment with the conditions of educational programmes implementation.

The feedback system student – teaching staff – Faculty administration works effectively.

Information on academic mobility is available for students.

The infrastructure provides quality training for students of different capabilities and age groups.

Areas for improvement:

Some laboratory equipment needs renewal (for example, laboratories of general physics).

It is recommended to consider opportunities of allocating a part of the budget for the maintenance of the unique equipment, its routine and complete repair.

It is recommended to renew the software and consider the necessity of purchasing special licensed software.

It is advisable to improve the feedback system from students on the conditions and organization of the study process.

It is advisable to involve employers in creating special laboratories on the University's base.

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

Compliance with the standard: **substantial compliance**

Good practice:

The digital informational environment, which includes the system of monitoring and collecting information on the educational programme, is very effective.

The University created conditions for active participation of the students and teaching staff in collecting and analyzing information for the management of the educational programmes.

The HEI has the unified digital network and digital educational environment. The systems are effective due to the implementation of informational technologies in the management of the educational programmes.

Areas for improvement:

It is recommended to improve the involvement of students, employees and teachers in the collection and analysis of information for the management of the educational programmes. It is also recommended to improve the feedback system between the teaching staff, employees and students

STANDARD 8. Public information

Compliance with the standard: **full compliance**

Good practice:

The information on the educational programme "Electronics and Nanoelectronics", which is available on the Faculty's web site, is complete.

Aside from the Faculty's web site, additional information is available on the web site of the Department of Physics of Semiconductors, Electronics and Nanoelectronics.

The complete set of the approved documents on the educational programme "Electronics and Nanoelectronics" is available on the web site.

The information on the employability of the graduates is available and regularly updated.

Areas for improvement:

In order to improve foreign stakeholders' awareness, it is recommended to expand information on the educational programme, presented on the English version of the web site.

It is advisable to use social networks for informing and improving a positive attitude to the educational programmes.

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

Compliance with the standard: **substantial compliance**

Good practice:

The monitoring and evaluation of the educational programmes are performed regularly.

The educational programmes are annually analyzed and improved according to scientific achievements and pedagogical innovations. The schedules of revision of the curricula and syllabi of the academic disciplines are approved.

The mechanism of feedback "students – employers and key employment partners" is adjusted.

The graduates are satisfied with the quality of acquired knowledge. The graduates' expectations are met.

Areas for improvement:

It is recommended to enhance the involvement of employers in the monitoring and periodic review of the educational programmes.

STANDARD 10. Cyclical external quality assurance of the educational programmes

Compliance with the standard: **full compliance**

Good practice:

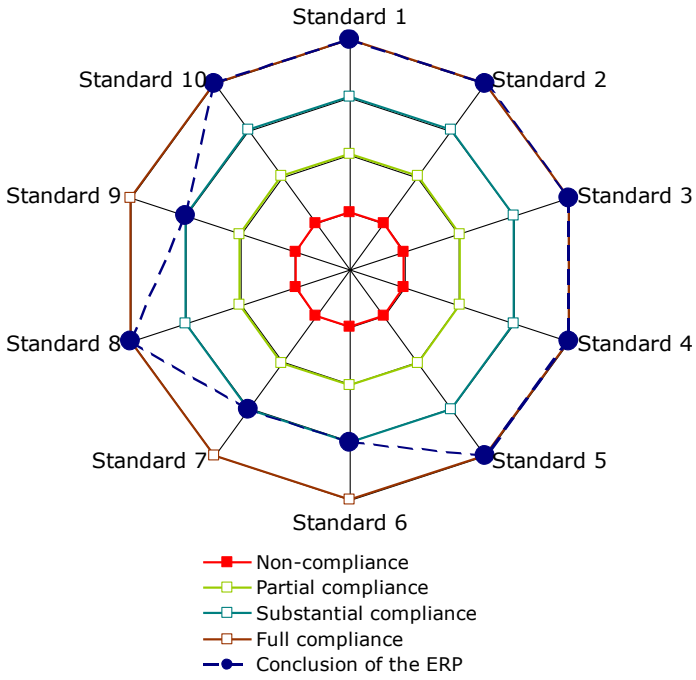
In 2018 the University successfully passed the State Accreditation of all the educational programmes and was awarded the Certificate of State Accreditation.

During 8 years UNN has participated in international and national HEI ratings with positive dynamics.

There are no instructions for improvement of the accredited educational programmes.

The University intensifies its efforts in conducting public accreditation procedures.

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 "Electronics and Nanoelectronics" (11.03.04, 11.04.04), "Electronics, Radio Engineering and Communication Systems" (11.06.01), delivered by National Research Lobachevsky State University of Nizhny Novgorod **fully comply** with the standards and criteria of public accreditation of the National Centre for Public Accreditation.

The Panel recommends that the National Accreditation Board accredit the cluster of the educational programmes "Electronics and Nanoelectronics" (11.03.04, 11.04.04), "Electronics, Radio Engineering and Communication Systems" (11.06.01), delivered by National Research Lobachevsky State University of Nizhny Novgorod delivered by Lobachevsky State University of Nizhni Novgorod for the period of **6 years**.

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Activity	Participants	Venue
December 10, Tuesday			
8.15	Arrival at the University		Building 2, 23, Gagarina Pr.
08.30 — 10.00	Training for the ERP members		Room 338, Building 2, 23, Gagarina Pr.
10.00 — 11.00	**Meeting of the ERP with the University administration and people responsible for accreditation**	Rector, Vice-Rectors, people responsible for accreditation, ERP	Scientific Demonstrations Hall, Building 2, 23, Gagarina Pr.
11.00 — 12.20	Tour of the University (visiting classrooms, library, etc.)	ERP	University campus, 23, Gagarina Pr.
12.20 — 13.00	Lunch		University food production facility, 23, Gagarina Pr.
14.00 — 15.00	**Meeting with representatives of the Institute responsible for education quality**	ERP, Institute Director, Deputy Directors, Heads of Divisions and Methodological Commission of the Institute	Room 227, Building 1, 23, Gagarina Pr.
15.00 — 15.30	Internal meeting of the Panel	ERP	Room234, Building 3, 23, Gagarina Pr.
15.30 — 16.30	**Meeting with Heads of Departments**	Heads of Departments, ERP	Room 234, Building 3, 23, Gagarina Pr.
16.30 — 17.00	Internal meeting of the Panel	ERP	Room 234, Building 3, 23, Gagarina Pr.
17.00 — 18.00	**Meeting with Graduates**	Graduates, ERP	Room 227, Building 3, 23, Gagarina Pr.
18.00 — 18.30	Internal meeting of the Panel	ERP	Room 234, Building 3, 23, Gagarina Pr.

Time	Activity	Participants	Venue
December 11, Wednesday			
11.00	Arrival at the University		Building 3, 23, Gagarina Pr.
11.00 — 12.00	**Meeting with teachers**	Teachers, ERP	Room 227, Building 3, 23, Gagarina Pr.
12.00 – 12:30	Internal meeting of the Panel		Room 234, Building 3, 23, Gagarina Pr.
12.30 — 14.30	Lunch		University food production facility, 23, Gagarina Pr.
14.30 — 15.00	**Meeting with Post Graduate students**	Post graduate students, ERP	Room 227, Building 3, 23, Gagarina Pr.
14.00 — 14.30	Internal meeting of the Panel	ERP	Room 234, Building 3, 23, Gagarina Pr.
15.00 — 17.30	Work with documents / attending classes (optional)	ERP	Room 234, Building 3, 23, Gagarina Pr.
17.30 — 18.30	**Meeting with representatives of professional community**	Employers, ERP	Room 227, Building 3, 23, Gagarina Pr.
18.30 — 19.00	Internal meeting of the Panel	ERP	Room 234, Building 3, 23, Gagarina Pr.
December 12, Thursday			
08.30	Arrival at the University		Room 338, Building 2, 23, Gagarina Pr.
08.30 — 12.00	Internal meeting of the Panel: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	Room 338, Building 2, 23, Gagarina Pr.
12.00 — 13.00	**Closing meeting of the External Review Panel with the representatives of the University**	ERP, University administration, Heads of the Graduate Departments, teachers, students	Scientific Demonstrations Hall, Building 2, 23, Gagarina Pr.
13.00 — 14.00	Lunch		University food production facility, 23, Gagarina Pr.
	Departure		