




SUMMARY REPORT OF THE EXTERNAL EVALUATION

of the educational programmes in
“Applied Mathematics and
Information Science”,
“Information Technologies
(Fundamental Information Science
and Information Technologies)”,

Delivered by
M. K. Ammosov
North-Eastern Federal University



2013

While preparing this presentation we used information from the Self-Evaluation Report and the Report on the External Review of the study programmes "Applied Mathematics and Information Science" (010500.62), "Information Technologies (Fundamental Information Science and Information Technologies)" (010400.62), offered at M. K. Ammosov North-Eastern Federal University.

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

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GENERAL INFORMATION ON EDUCATIONAL INSTITUTION

Full name of the educational institution: *Federal State Autonomous Educational Institution of Higher Professional Education "M. K. Ammosov North-Eastern Federal University"*

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

Year of foundation *1934 – Yakutsk State Teacher-Training Institute
1956 – Yakutsk State University
1990 – M.K. Ammosov State University in Yakutsk
2010 – M. K. Ammosov North-Eastern Federal University*

Current state accreditation status:

Type *Educational Institution of Higher Professional Education*

Kind *University*

Location *Republic of Sakha (Yakutia), Yakutsk, 58, Belinsky St.*

Rector *Doctor of Pedagogical Sciences , Candidate of Psychological Sciences, Corresponding Member of Russian Academy of Education Yevgenia Isayevna Mikhailova*

License *Series 90L01 No.0000425 registered No.0388 of October 08, 2012; permanent*

Public Accreditation *Certificate of public accreditation No.1585 issued December 26, 2011 valid till December 15, 2014*

Number of students *21,179*

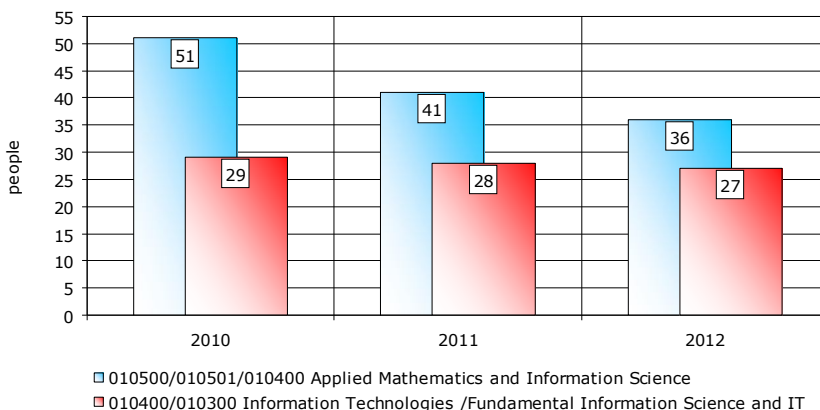
INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Study programmes	<i>Applied Mathematics and Information Science (010500.62)</i> <i>Information technologies (Fundamental Information Science and Information technologies) (010400.62)</i>
Level of training / Standard period of training	<i>Bachelor-degree studies /4 years</i>
Structural subdivision (head)	<i>Institute of Mathematics and Information Science (Candidate of physical and mathematical sciences, Associate Professor Vera Ilyinichna Afanasyeva)</i>
Major departments (heads of major departments)	<i>Department of Applied Mathematics (Doctor of physical and mathematical sciences, Professor Vasily Ivanovich Vasilyev)</i> <i>Department of Information Technologies (Doctor of technical sciences Sergey Denisovich Mordovskoy)</i>
Date of the site visit	<i>February 19 – 21, 2013</i>
Person responsible for public accreditation of the study programme	<i>Head of Organisation Provision of Quality Management Department Nadezhda Alexandrovna Nelakirova,</i> <i>Department Deputy Head Irina Germanovna Larionova</i>

SAMPLING RESULTS OF THE PROJECT 'THE BEST STUDY PROGRAMMES OF INNOVATIVE RUSSIA'

Indicators	2012
Study programmes Applied Mathematics and Information Science, Information Technologies (Fundamental Information Science and Information Technologies)	
Number of such programmes delivered in RF	274
Number of higher educational institutions delivering such programmes	183
Number of programmes – winners of the project (% from the total number of these programmes delivered in RF)	87 (31.8%)
Republic of Sakha (Yakutia)	
Number of such programmes delivered in the region	5
Number of programmes – winners of the project (% from total amount of these programmes delivered in the region)	2 (40%)
Number of higher educational institutions and branches in the region	35
Total number of programmes delivered in the region	245
Total number of programmes – winners of the project (% from the total number of these programmes delivered in the region)	15 (6.1%)

REFERENCE DATA ON STIDENT ENROLLMENT FOR THE PROGRAMMES IN APPLIED MATHEMATICS AND INFORMATION SCIENCE, INFORMATION TECHNOLOGIES (FUNDAMENTAL INFORMATION SCIENCE AND INFORMATION TECHNOLOGIES)



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMME

Programme of fundamental mathematical training approved by the Academic Teaching Council for mathematics and mechanics of Academic and Teaching Association of RF classical university education was developed and affirmed. The goal of this programme is to select and attract applicants having excellent results in the National Examinations in mathematics and to provide conditions for giving the students advanced fundamental training in Mathematics, to enhance rating and establish an image of the university as the centre of training personnel in the field of fundamental mathematics. The university performs large-scale work with gifted school children conducting city and regional Olympiads for school children.

The teaching staff of the university provides training of highly skilled staff in the field of fundamental mathematics confirmed by the students' achievements in All-Russia and international contests, scientific conferences. Computation Technologies Centre, Research and Training Centre 'Theoretical fundamentals and application of mathematical simulation' allow us to implement study programmes, there is also a school of thought.

Establishing Smaller Computer Academy gave the students the opportunity to study in addition robotics using designer-robots Roborobo, Lego Mindstorms, programming using mobile robot ED, robot-platforms CRX10, android robot Robobuilder, etc. Students take an active part in winter and summer international schools of information technologies and robotics, exchange experience with their peers from South Korea, improve their communication skills due to using project and training through entertainment.

The Institute possesses 2 computation clusters. One being the most powerful of 50 clusters in CIS, Arian Kuzmin (a supercomputer) consists of 160 server units, its disk massive is 100 terabytes, its maximum theoretical 50 teraflops. The cluster has supplementary engineering equipment – a system of autonomous continuous power and conditioning.

There is a mutually beneficial international communication in information technologies with some foreign countries and cooperation with South Korea universities.

Irrespective of the chosen major graduates always have good command of mathematics, they are highly-skilled experts in the field on information science and information technologies.

EXTERNAL REVIEW PANEL



Aigul Shrapieвна Kurmangalieva (Astana, Kazakhstan)

Review Chair, a foreign expert

Director of Education Development Institute of the International Business Academy, a certified external expert of the National Accreditation Centre of Ministry of Education and Science of the Republic of Kazakhstan. Certified expert of NAAR, Certified expert of CAMAN

A nominee of the National Accreditation Centre of Ministry of Education and Science of the republic of Kazakhstan (Astana, Kazakhstan)

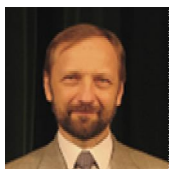


Dmitry Petrovich Goloskokov (Saint Petersburg , Russia)

Deputy Review Chair

Doctor of Technical Sciences, Professor, Head of Applied Mathematics Department of State University of Marine and Inland Water Transport, named after Admiral S.O. Makarov

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



Peter Normak (Tallinn, Estonia)

Panel member, foreign expert

Doctor of Mathematical Sciences, Information Science teacher, Director of Information Science Institute of Tallinn University, member of Estonia Association of Information Technologies, Chairperson of Euroscience Organisation in Estonia, Deputy Head of Tallinn Association of Scientists, reviewer of international journal Zentralblatt für Mathematik und Ihre Grenzgebiete

A nominee of Estonian Agency for Higher Education Quality Assurance EKKA (Tallinn, Estonia)



Vladimir Vladimirovich Ptitsyn (Yakutsk, Russia)

Panel member, employer's representative

Head of Information Technologies Development Department of Republican Centre of Information Technologies

A nominee of GBU of Republic of Sakha (Yakutia) Republican Centre of Infocommunication Technologies



Mikhail Yevgenyevich Shabanov (Yakutsk, Russia)

Panel member, student representative

Post graduate of Management Department of the subsidiary of FGBOU VPO Baikal State University of Economics and Law

A nominee of National Centre for Public Accreditation

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

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

Compliance with the standard: **partial compliance**

Good practice

The strategy of the university development for 2010-2015 positions the university as research and training education complex which provides training personnel for innovation economy and information society.

The institute and university administration defined goals of development of the university and study programmes, teachers and administrative staff being participants of this activity.

Methods to achieve and correct goals of the study programmes and also the system of quality assurance of the study programmes providing participation of organization structures of the university in general meet the standards and criteria of the National Centre for Accreditation.

Areas for improvement

With the view of mission and vision clear development strategies of study programmes being accredited are to be defined for the general vector of their effective implementation and sound positioning in the market of Russia's educational services.

It is essential to develop specialized indicators to measure quality and effectiveness of the study programmes to set up data bases for systematic monitoring of Mathematics and Information Science Institute dynamic indicators.

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

Compliance with the standard: **substantial compliance**

Good practice

When curricula are prepared coordination of the contents of the study subjects are taken into consideration and logical consistency of their studying is formed. Study subjects and elective courses in each cycle substantially add federal component subjects.

A strong point of the study programmes is periodic review of study programmes and curricula in accordance with the approved by the university procedure.

Permanent survey of study material availability, training quality and course contents are performed at the institute. However the Panel did not see how the survey results work.

Areas for improvement

As a mechanism of present-date and effective improvement and renewal of the study programmes contents it is necessary to establish permanent Consulting Council consisting of professional community representatives, employers and graduates with the Institute of Mathematics and Information Science.

As an in-house experiment it is necessary to develop and implement student individual study programmes and subsequently to spread this experience for all university programmes.

STANDARD 3. Assessment of student learning outcomes / competencies

Compliance with the standard: **substantial compliance**

Good practice

Conclusions on training quality can be made based on the outcomes students' learning and research activities.

In compliance with the report on self-evaluation the assessment of students' learning and competencies is performed by the teachers of the adequate professional qualification.

Students take part in university, republican, All-Russia and international conferences and Olympiads. They can participate in exchange programmes and study in India at the University of Bangalore, in Sweden at the University of Linnaeus (Lulea).

Students won grants of RF President, post graduates won grants to study abroad (Strasbourg University), Government of China to study for Master's degree in Jiamussi University.

Bachelor-degree graduates can continue with the studies for Master degree Saint Petersburg University and at North-Eastern Federal University for 05.13.18 major Mathematical Simulation, Numeric Methods and Programme Complexes. Post graduate students successfully defend their Candidate degree dissertations in physical and mathematical sciences.

Areas for improvement

Introducing subject Research Conduction Methods into the curricula would allow to early identify students' research potential to enhance their participation in research and their research vision. North-Eastern Federal University being a recognized leader in the region can be also positioned in the world educational community. The obstacle here is insufficient command of foreign languages both students and teachers of the university.

STANDARD 4. Quality assurance of teaching staff

Compliance with the standard: **substantial compliance**

Good practice

Competencies of the teaching staff in the fields covered by the study programme are sufficient.

University teachers take an active part in grant and contract research work, including internal grants of North-Eastern Federal University to enhance educational activities in majors provided.

Teachers regularly publish the results of their scientific researches in recognized journals, beside that the University publishes its own journals included in the list of State Commission for Academic Degrees and Titles: Bulletin of North-Eastern Federal University and Mathematical Notes of Yakutsk State University where department teachers regularly publish their papers.

Research activities are backed by RF President's grants for young scientists, FTsPRO scientific, research and teaching personnel of innovation Russia for 2009-2013.

Teaching staff take an active part in the work of international, All-Russia and university conferences, seminars and exhibitions.

Areas for improvement

It is important to have administration's support to provide high-quality translation of the publications in English in the high-impact journals to promote scientific papers of teachers.

It is necessary to develop mechanisms to promote and stimulate teachers for their participation in international and academic projects with foreign partners through personal relations and through specialized grant programmes (TEMPUS, Erasmus Mundus, etc.).

INFORMATION ON THE LEADING TEACHERS OF THE STUDY PROGRAMME

Petr Nikolaevich Vabishchevich

Doctor of Physical and Mathematical Sciences, Professor, Head of Applied Software Department of Secure Nuclear Power Engineering Institute of the Russian Academy of Sciences.

Vasily Ivanovich Basilyev

Doctor of physical and mathematical sciences, Professor, Head of Applied Mathematics Department, First Pro-Rector of North-Eastern Federal University, member of Physics and Mathematics Association Council 'Lensky Krai', member of the presidium of Academic and Teaching Board in applied mathematics and Information science of Academic and Teaching Association of Russia's Universities, Chairperson of the Dissertation Board D 212.306.04 for Doctor's degree of physical, mathematical and technical sciences in Major 05.13.18 Mathematical Simulation and Numeric Methods and Programme Complexes in North-Eastern Federal University awarded with the Diploma of the President of Sakha Republic (Yakutia), prize-winner of the State Premium of Sakha Republic (Yakutia) in the field of science and engineering, honorary worker of RF VPO.

Yevgeny Leonidovich Gusev

Doctor of physical and mathematical sciences, Professor, leading worker of Oil and Gas Institute of the Siberian branch of the Russian Academy of Sciences (IPGN SO RAN), member of the Academic Board of IPGN CO RAN, member of the Dissertation Board of North-Eastern Federal University D 212.306.04 for Doctor's degree of physical, mathematical and technical sciences in Major 05.13.18 – Mathematical Simulation and Numeric Methods and Programme Complexes. Member of Programme Committee of the international conference Machine-building and Technosphere on the 21st century, head of Simulation and Computation of Sophisticated Engineering Systems Workshop. Member of International Association of Machine builders. Academician of the International Academy of Informatisation. Awarded with honorary badge of 'Silver Sigma', diplomas, of SO RAN, IPNG SO RAN, international conferences.

Sergey Denisovich Mordovskoy

Doctor of Technical Sciences, Professor, Head of Information Technologies Department of Mathematics and Information Science Institute. Research staff member of Research Institute of North-Eastern Federal University. Member of the Dissertation Board of North-Eastern Federal University D 212.306.04 for Doctor's degree of physical, mathematical and technical sciences in Major 05.13.18 – Mathematical Simulation and Numeric Methods and Programme Complexes. Member of the Dissertation Board DM 003.020.01 of North Mining University named after H.V. Cherskoy of the Siberian Branch of the Russian Academy of Sciences in major 25.00.20 – Geomechanics, destruction of rock, mine aerogasdynamics and mine thermal physics (in technical sciences) and Major 25.00.22 – Geotechnology (underground, open-air and construction) (in technical sciences). Expert of RFFI of the Russian Accreditation Agency.

Nokolai Mikhailovich Okhlopkov

Candidate of physical and mathematical sciences, Professor, Supervisor of applied Mathematics Department of Mathematics and Information Science Institute. Winner of socialist competition of years 1974 and 1977, the 10th five-year plan winner. Awarded with Labour Veteran medal, badges for Success in Work, Teacher's Teacher of Sakha Republic (Yakutia), Honorary badge For Long, Conscientious Work in Yakutsk State University, gratitude ov Vice President of Sakha Republic (Yakutia) for contribution for Republic's development.

Yegor Yegorovich Petrov

Doctor of Technical Sciences, Professor, Academician of Sakha Republic (Yakutia) Academy of Sciences, Professor of Information Technologies Department of Mathematics and Information Science Institute. Member of the Dissertation Board of North-Eastern Federal University D 212.306.04 for Doctor's degree of physical, mathematical and technical sciences in Major 05.13.18 – Mathematical Simulation and Numeric Methods and Programme Complexes. Member of the Dissertation Board DM 003.020.01 of North Mining University named after H.V. Cherskoy of the Siberian Branch of the Russian Academy of Sciences in major 25.00.20 – Geomechanics, destruction of rock, mine aerogasdynamics and mine thermal physics (in technical sciences) and Major 25.00.22 – Geotechnology (underground, open-air and construction) (in technical sciences). Member of Unified Scientific Board of Sakha Republic (Yakutia) Academy of Sciences for Earth, physical and technical sciences. Guardian of Kuokuy secondary school of Kobysky district

Vladimir Viktorovich Shaidurov

Doctor of physical and mathematical sciences, Professor, Director of Computation Simulation Institute of Siberian Branch of the Russian Academy of Sciences, Head of Computation and Information Technologies Department of Siberian Federal University. Corresponding member of the Russian academy of Sciences. Member of American Association of mechanical engineers. Member of European Academy of Sciences. Chairperson of Doctor degree Dissertation Board. Member of editorial board of seven scientific journals. Awarded with medal For Labour Valour. Winner of the RF State Premium in the field of science and technology. Awarded for the contribution in development of academic science in Siberia, awarded with Friendship Order. Awarded by the Russian Federation of Cosmonautics with the medal of the first cosmonaut Yu.A. Gagarin. Awarded with the RF State Premium in the field of science and technology for fundamental papers in creating and introducing high efficiency multinetwork method of numeric solving a wide range of mathematical physics problems.

STANDARD 5. Learning resources and student support

Compliance with the standard: **substantial compliance**

Good practice

Study programmes are provided with the adequate lecture rooms, laboratories and equipment. To improve academic process multimedia facilities, Internet resources where student's assignments are located are actively used.

Supply of compulsory literature conforms to standard federal requirements. Free electronic versions of textbooks are available in many subjects and also electronic study programme complexes and materials developed in Yakutsk State University and North-Eastern Federal University.

Electronic study programme complexes of subjects, academic and reference materials created by department teachers are located at the server of training management system Moodle North-Eastern Federal University, RSTs Universum.

All subject are provided with required electronic training resources larger amount of those is located in the educational servers of the university.

Students' individual works is backed by library reading rooms in the Training and Laboratory Building of North-Eastern Federal University.

The university possesses social infrastructure which provides availability of high-quality training for all age and income students.

Various subdivisions of the university take part in setting up training, social and cultural environment. Student governing authorities are being developed. Primary Trade Union of students, headquarters of student teams, law-enforcement student team, student intellectual board with the Scientific Board of the University, board for student's creating development are developing.

Areas for improvement

Low Internet speed is an obstacle for successful mastering of the study programmes. Activities of the university to improve Internet access are to be supported at the federal level.

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

Compliance with the standard: **substantial compliance**

Good practice

Provision of information is performed by ISUSS, student personnel department, graduates employment department.

Most of the study programmes are provided with electronic study materials available in the local network of the university and at the departments.

The administration of the university regularly collects information on students and teachers' participation in conferences and Olympiads. Student's academic attendance is assessed in database with records for every student.

Information on the students' participation results in conferences and Olympiads is given on the web-site of the university.

Information system of Mathematics and Information Science Institute has been consecutively set up for a long time and it is not finished yet.

Computation Technologies Centre is equipped with a supercomputer being among top supercomputers of Russia.

Areas for improvement

The university is able to attract scientific resources to solve own problems. The potential of the study programme teaching staff working in the field of information science and applied mathematics is not used in the full scale. Thus, the administration is to place an order with the teaching staff to develop a system Automatic Control System – University using supercomputer facilities.

Capacities of the supercomputer are used in average for 6-10% which is economically pointless. Supercomputer can be used as an additional source of funds. Thus, it is necessary to inform public of the region on the supercomputer capacities and to establish orders base from the entrepreneurs.

STANDARD 7. PUBLIC INFORMATION

Compliance with the standard: **full compliance**

Good practice

Public information is performed through the web-site of the university, institute and departments, media, reference books for applicants.

Teachers conduct career-guidance meetings, Republic's contest 'A step into Future', university Olympiads in mathematics and information science, consultations on the National Examination, etc.

Career-guidance work in the institute and in the departments is conducted in accordance with the annual schedule.

Public information is performed at the annual Open Door meetings in the departments and in the institute.

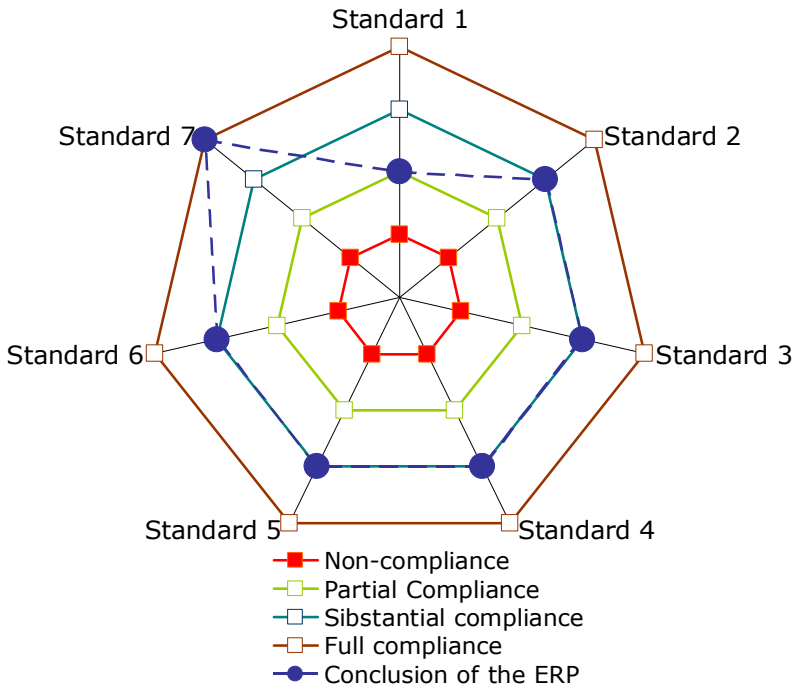
Monitoring research on employment of graduates and demand for them in the labour market is fulfilled.

Publication of real data on employment and demand of the graduates is carried out by Graduate Work Department and Marketing Department. Information on employment is also displayed in the internal resources of the university. Employment analysis outcomes are studied at the meetings at the rector's office and then published in the report.

Areas for improvement

Enhancing relations of Mathematics and Information Sciences Institute with its graduates would bring mutual benefit for both parties.

DISTRIBUTION DIGRAM OF THE EXTERNAL REVIEW OUTCOMES



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

CONCLUSION OF THE EXTERNAL REVIEW PANEL

Based on the self-evaluation report analysis, documents and data submitted, interviews with the representatives of the professional communities, students, post graduates, doctor-degree students, staff and administration of the educational institution the External Review Panel came to the conclusion that study programme Applied Mathematics and Information Science, Information technologies (Fundamental Information Science and Information Technologies) offered at FSAEI HPE "M.K. Ammosov North-Eastern Federal University" to a larger degree complies with standards and criteria of public accreditation on the National Centre for Public Accreditation. However, there fields that require improvement. Recommendations of the External review Panel are given in Chapter 5 of the given report.

Among the main strong points of the programmes under accreditation the Panel would like to stress a high level of information system development providing effective implementation of the study programmes, development of social infrastructure comfortable for heterogeneous student body; availability of present-day library and information resources.

Besides, the Panel want to stress good corporate spirit seen in the staff loyalty to North-Eastern Federal University values, mission and principles and in the students' awareness of their affiliation with the university.

The Panel recommends the National Accreditation Board **to accredit study programme Applied Mathematics and Information Science (010500.62), Information Technologies (Fundamental Information Science and Information Technologies) (010400.62) for the period of 6 years on the conditions to correct the drawbacks indicated.**

LIST OF THE PARTICIPANTS OF THE MEETINGS

People responsible for conducting accreditation:

Item No.	Surname, First Name, Patronymic Name	Position
1	Pavlova Natalya Vasilyevna	Senior teacher of Information Technologies Department
2	Larionova Irina Germanovna	Senior teacher of Applied Mathematics and Information Science Department, Deputy Head of Applied Mathematics Department

Teachers:

Item No.	Surname, First Name, Patronymic Name	Position
1	Pavlov Nikifor Nikitich	Associate Professor of Information, Candidate of physical and mathematical sciences
2	Pavlov Alexander Viktorovich	Associate Professor of Information Technologies Department, Candidate of physical and mathematical sciences
3	Leveryeve Vladimir Semyonovich	Senior teacher of Information Technologies Department
4	Kylatchanov Roman Mikhailovich	0.5 Associate Professor of Information Technologies Department, Candidate of technical sciences
5	Everstov Vladimir Vasilyevich	Senior teacher of Information Technologies Department
6	Danilova Dina Petrovna	Senior teacher of Information Technologies Department
7	Petrova Yevgenia Anatolyevna	Senior teacher of Information Technologies Department
8	Troeve Marianna Stepanovna	Associate Professor of Applied Mathematics and Information Science Department
9	Tikhonova Olga Alexandrovna	Associate Professor of Applied Mathematics and Information Science Department
10	Uvarovskaya Maria Ivanovna	Associate Professor of Applied Mathematics and Information Science Department
11	Yegorova Elena Revolyevna	Associate Professor of Applied Mathematics and Information Science Department
12	Yegorov Dmitry Vladimirovich	Associate Professor of Applied Mathematics and Information Science Department
13	Popov Oleg Nikolaevich	Associate Professor of Algebra and Geometry Department
14	Shimaev Ellei Ivanovich	Associate Professor of Algebra and Geometry Department
15	Yegorova Alena Andreevna	Associate Professor of Mathematical Analysis Department

Heads of Major Departments:

No.	Surname, First Name, Patronymic Name	Position
1	Mordovskoy Sergey Denisovich	Head of Information Technologies Department of IMI, North-Eastern Federal University, Doctor of technical sciences
2	Vasilyev Vasily Ivanovich	I Pro-rector of North-Eastern Federal University, Head of Applied Mathematics and Information Science Department, Doctor of physical and mathematical sciences, Professor
3	Yegorov Ivan Yegorovich	Doctor of physical and mathematical sciences, Professor, Head of Differential Equations Department
4	Naberezhnaya Anna Timofeevna	Candidate of economic sciences, Associate Professor, Head of Mathematical Economics and Applied Information Science Department
5	Nikitina Yekaterina Semyonovna	Candidate of physical and mathematical sciences, Professor, Head of Algebra and Geometry Department
6	Maximov Vasily Vasilyevich	Doctor of physical and mathematical sciences, Professor, Head of, Associate Professor, Head of Information Science Theory and Teaching Techniques
7	Popov Sergey Vyacheslavovich	Doctor of physical and mathematical sciences, Professor, Head of Mathematical Analysis Department
8	Matveeva Oksana Izotovna	Candidate of physical and mathematical sciences, Associate Professor, Head of Higher Mathematics Department
9	Yefremov Valentin Pavlovich	Candidate of pedagogical sciences, Associate Professor, Head of Mathematics Teaching Techniques Department

Graduates:

No.	Surname, First Name, Patronymic Name	Place of work	Position
1	Nazarova Tuyara Vasilyevna	LLC SulugusGames	Programmer
2	Nikolaev Afanasiy Yegorovich	JSC ROSTELECOM	Technical support engineer
3	Sivtsev Nikolai Viktorovich	State Assembly of Sakha Republic (Yakutia)	Chief specialist of Analytical Administrative Office
4	Tikhonov Maxim Nikolaevich	Central Admission Commission of North-Eastern Federal University	Expert
5	Androsov Michil Ignatyevich	EI Department North-Eastern Federal University	1 st year Master-degree student
6	Gavrilyev Ivan Igorevich	ZAO Fivetronics	Programmer
7	Okoneshnikov Vasily Vasilyevich	LLC Advertising Agency Yakutia's News	Deputy Director
8	Vasilyeva Maria Vasilyevna	TsVT of NEFU	Head of Parallel Processing Department
9	Grogoryev Alexander Vissarionovich	TsVT of North-Eastern Federal University	Chief engineer of the department of technical support
10	Borisov Viktor Svetoslavovich	TsVT of NEFU	Research officer
11	Pavlov Mikhail Nikiforovich	National Bank	First-class Programmer
12	Nikolaskin Yuriy Semyonovich	RF Pension Fund	Programmer
13	Nogovitsyn Yevgenye Alexeevich	State Committee for Innovations	Head of Department
14	Lukin Vasily Semyonovich	National Bank	First-class Programmer

Representatives of professional community:

Item No.	Surname, First Name, Patronymic Name	Position
1	Tomsky Arsen Grigoryevich	Director General LLC "Sakha-Internet"
2	Surikov Yuri Vladimirovich	Acting as Head of TsSPD JSC ROSTELECOM
3	Fedotov Sergey Fyoderovich	Director of GBY Yakutsk Republican Medical Information and Analytical Centre
4	Grishchenko Alexander Igorevich	Deputy Director of LLC Axiom
5	Soloninka Vladimir Ivanovich	Director of LLC Altercom
6	Khristoforov Sergey Valeryevich	Director of ZAO Fivetronics
7	Ushnitsky Alexey Alexeevich	Director LLC "Sulusgames"
8	Pavlov Boris Nikiforovich	Deputy head of IT Department of Pension Fund of RF for Sakha Republic (Yakutia)
9	Permyakov Pyotr	Doctor of physical and mathematical sciences, IFPTS SO RAN
10	Starostin Nikolay Pavlovich	Doctor of technical sciences, Head of Climatic Testing of Laboratory of IPNG SO RAN

Students:

Item No.	Surname, First Name, Patronymic Name	Major	Year of study
1	Stepanov Yegor Ivanovich	Fundamental Information Science and Information Technologies	1
2	Okhlopkov Anatoly Anatolyevich	Fundamental Information Science and Information Technologies	2
3	Popov Konstantin Andreevich	Information Technologies	3
4	Popov Nikolay Leonidovich	Information Technologies	3
5	Leonchuk Valeria Antonovna	Applied Mathematics and Information Science	1
6	Prokopyev Grigoriy Anatolyevich	Applied Mathematics and Information Science	2
7	Ptitsyn Eduard Petrovich	Applied Mathematics and Information Science	3
8	Gerasimova Yevgenuia Eduardovna	Applied Mathematics and Information Science	3
9	Belolyubsky Ivan Anatolyevich	Information Technologies	4
10	Brodnikova Aiyyna Andreevna	Information Technologies	4
11	Kuniyazov Timofey Khavaskhanovich	Information Technologies	4
12	Maximov Maxim Vasilyevich	Fundamental Information Science and Information Technologies (Master-degree student)	5
13	Fyodorov Archylan Anatolyevich	Applied Mathematics and Information Science	4
14	Sysoyev Alexey Sergeevich	Applied Mathematics and Information Science	4
15	Ignatyev Sakhey Valeryevich	Applied Mathematics and Information Science	4

Postgraduate/doctoral students:

Item No.	Surname, First Name, Patronymic Name
1	Zakharov Pyotr Yegorovich
2	Fyodorov Ivan Konstantinovich
3	Yeremeeva Maya Semyonovna
4	Yeremeev Innokenty Spartakovich
5	Vasilyev Alexander Olegovich
6	Innokentyev Bair Yevgenyevich
7	Nikiforova Tuyaara Semyonovna
8	Bogarytova Alyona Ageevna
9	Malyshev Valery Valeryevich
11	Mikhailova Maria Panteleymonovna
10	Krylova Yekaterina Anatolyevna