



# UKHTA STATE TECHNICAL UNIVERSITY

## CLASSROOM AND LABORATORY COMPLEX









# Higher education

## Institute of geology, oil and gas production and pipeline transport:

- Mechanical engineering
- Technosphere safety
- Oil and gas engineering
- Land-utilization and cadastral register
- Applied geology
- Technology of geological exploring
- Standardization and metrology

## Institute of civil building and engineering:

- Architecture
- Construction
- Technology of timber cutting and timber processing industrie
- Power and electrical engineering

## Institute of economy, management and information technologies:

- Ecology and management of natural resources
- Computer science and engineering
- Information systems and technologies
- Economy
- Management
- Advertising and public relations
- Document studies and archives
- Physical training

# Secondary and primary professional education

## Industrial institute (SPE):

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>- Economy and accounting (according to speciality)</li><li>- Drilling of oil and gas wells - Technical operation and service of electric and electromechanical equipment (according to speciality)</li><li>- Construction and operation of oil and gas pipelines and gas and oil storages</li><li>- Protection in emergency situations</li><li>- Oil and gas refining</li><li>- Development and operation of oil and gas fields</li><li>- Information systems (according to speciality)</li><li>- Documentary ensuring management and archive science</li><li>- Installation and technical operation of the industrile quipment</li><li>- Maintenance and repair of automobile transport</li><li>- Technology of logging</li><li>- Technological operation of handling, constrection and road cars and equipment (according to speciality)</li><li>- Technology of woodworking</li><li>- Construction and operation of buildings and constructions</li><li>- Water supply and water disposal</li><li>- Welding production</li></ul> | <ul style="list-style-type: none"><li>- Secretary</li><li>- Seller, cashier</li><li>- Welder (electrical welding and gas welding works)</li><li>- Driller of operational and prospecting wells</li><li>- The driver on drilling rigs</li><li>- Operator of oil and gas wells</li><li>- Mechanic</li><li>- Laboratory assistant-ecologist</li><li>- Pastry chef</li><li>- Wireman of electric networks of electric equipment</li><li>- Drywall construction specialist</li></ul> |
|---|---|



Dear colleagues!

In the National Research and Educational Innovation and Technology Consortium of mineral and fuel and energy university complexes, each participant is valuable and inimitable, each has its own identity, is a special, unique side of our association. With Ukhta State Technical University, we associate primarily a northern, arctic area, which is promising in the development of fuel and energy complex of Russia. Following this development thrust requires concentration of scientific and educational potential, which is inconceivable without appropriate laboratory facilities – a prerequisite for high-quality engineering training, development of applied science and technology effect. Such concentration, one of the obvious manifestations of which is the creation of a powerful classroom and laboratory complex, we see in Ukhta University. It is not a coincidence: almost sixty-year-long history of USTU has proved the consistency of the university, which deserved holding itself out as the northern outpost of the Russian oil and gas formation. On the one hand, we see a strongly pronounced oil and gas dominant, on the other hand, the university within large oil and gas areas intensively diversifying its educational programs in accordance with the requirements of the modern economy. And the efforts being made by USTU staff for the creation of the most modern laboratory facilities, and the multifaceted support provided by the leading enterprise partners of the university will undoubtedly be a powerful factor in the dynamic development of the university, strengthen its position in the educational and economic sphere of Russia.

**Council chair of the Consortium  
of mineral and fuel and energy  
university complexes,  
rector of National  
Mineral Resources University**

**V. S. Litvinenko**





# University property

**The TOTAL AREA of PROPERTY is 199 683,74 sq.m**

including:

**EDUCATIONAL AND LABORATORY FACILITY is 95 452,96 sq.m**

- Study hall «A» 5907,2 sq.m
- Study hall «B» 2851,7 sq.m
- Study hall «D» 2309,9 sq.m
- Study hall «V» 4883,2 sq.m
- Study hall «G» 2604,9 sq.m
- Study hall «L» 11221,7 sq.m
- Study hall «K» 5025,3 sq.m
- Study hall «N» 1225,6 sq.m
- Study hall «E» 7575,5 sq.m
- Study hall «P» 761,4 sq.m
- Industrial institute 33 108 sq.m
- USTU branch in Vorkuta 10 049,2 sq.m
- USTU branch to Usinsk 3 198,3 sq.m
- Hall of industrial practice occupations (Industrial practice center) 1942,55 sq.m
- Hall of industrial practice occupations (Industrial practice center) 2788,11 sq.m

**DORMITORIES: 56 760,81 sq.m**

**SPORTS FACILITY: 11 666,5 sq.m**

- Sports complex «Burevestnik» 4768 sq.m
- Educational and geodetic base «Krokhal» 1961,2 sq.m
- Ski and sports facility «Shine of the North» 1197,9 sq.m
- Sanatorium «Krokhal» 3281,5 sq.m
- Krokhal skiing lodge 457,9 sq.m

**OTHER BUILDINGS AND CONSTRUCTIONS: 35 803,47 sq.m**

# USTU directions of scientific researches

- Actual scientific and technical problems of geological and geophysical and exploration in Timan-Pechora province
- Improvement of production and transport of oil and gas
- Development of technical means and drilling technology of deep and superdeep wells in the European North
- Development and improvement of life support systems, control and environmental protection in the Far North
- Development of new effective materials, calculation of design production and technologies of construction in the Far North
- Development and improvement of technological means and technologies of rational development of forest resources in the Far North
- Social and economic problems of regional development
- Theoretical fundamentals of organic and inorganic chemistry
- Physics of the earth, solid body, plasma
- Problems of the higher school





USTU Rector, chairman  
of the board of higher  
education institutions  
rectors in KR, professor  
N. D. Tskhadaya

Dear partners  
Of Ukhta State Technical University! Dear friends!

Ukhta State Technical University is a young higher educational institution. It is 55 years old and for higher education institution it isn't enough. But during its not a long history it grew up in the powerful educational, research and cultural center, a large university complex which influence is notable not only the Komi Republic. Today USTU is a northern outpost of the Russian oil and gas education, the largest versatile technical university in the European North of Russia and higher education institution of transregional value as well.

Of course, the University couldn't become as it is without the aid of economic entities, production and commercial structures. All our achievements, all our victories are the property of our partners. Firstly, because this progress is either a condition, or the purpose, or the result of educational process at University; they influence the level of our graduates' training who soon become working at the enterprises, USTU partners. And secondly, the considerable part of our achievements would be simply impossible without effective participation, without generous friendly aid of partners in many our undertakings, without the versatile cooperation.

There are a lot of directions and headings of this partnership; from the organization by the enterprises of all types of students' practice to support of the movement of labor student's groups; from the joint scientific projects to mutual participation in cultural and sporting events... But the most obvious of our cooperation is the complex of the nominal audiences and laboratories equipped with enterprises and partners. JSC Gazprom, JSC Transneft, JSC NK Rosneft, JSC Lukoil and other large companies of the Komi Republic and Russia took part in its creation.

Audiences and laboratories which will be presented on pages of the magazine, serve as a subject of our pride. In audiences we have lectures and seminar classes, conferences, round tables, meetings with representatives of production companies. Here you can see the latest scientific literature including joint development of university scientists and the partner enterprises. Laboratories are equipped with the most modern and expensive equipment which would be impossible for University to buy it. The new furniture, excellent repair is pleasing for the eye, trains taste, creates the atmosphere of order, efficiency, enthusiasm for business and, undoubtedly, training process. The results are obvious: our partners who participate in State Certifying Commission are convinced that quality of course and degree design significantly increased, so very competent experts come to enterprises to work there. It is our common goal.

We accept the support of our enterprises and partners with deep appreciation who promote achievement of this purpose. Systematicity, constructability, efficiency of our relations forms the strong basis for new joint achievements. We highly appreciate your trustee care and we warmly thank you, dear friends, for the versatile contribution to development of our University. It allows us to speak about a strategic importance of our higher education institution.

## CONTENT:

COMMONWEALTH OF HIGHER EDUCATIONAL INSTITUTIONS OF

JSC GAZPROM

JSC TRANSNEFT

JSC NK ROSNEFT

JSC LUKOIL

OTHER COMPANIES AND OBJECTS



COMMONWEALTH  
OF HIGHER  
EDUCATIONAL  
INSTITUTIONS

Ukhta State Technical University closely cooperates with the largest oil and gas universities of Russia. One of the important directions of National scientific and educational technological consortium of higher educational institutions of mineral and raw, fuel and energy complexes is to develop educational potential of university students of the commonwealth and promote a healthy lifestyle and student's sport in the country.





# JSC GAZPROM





«Laboratory of drilling and grouting solutions named after I. T. Glinskiy»  
(101 «D»)

LLC Gazprom Burenie Ukhta Drilling branch

Year of opening is 2008

Specialties and directions:

- Drilling of oil and gas wells
- Oil and gas engineering

The laboratory is equipped with equipment to carry out scientific researches in the field of drilling technologies including the Arctic shelf. It also has the camera for endurance of cement mortar at high pressure and high temperature and the autoclave as well; the equipment to determine the durability of a cement stone at a bend.



Press tested Ma 1ez1



The test car to determine the break point of cements at a bend MII-100



The camera for cement mortar aging



Lecture hall  
LLC Gazprom transgaz Ukhta  
(105 «L»)

Year of opening is 2010

The hall is for giving lectures. There is a special equipment to give lectures in it (a powerful projector, the screen, the computer, a microphone, the speaker system). On the walls there are devices, which show the work of «Gazprom transgaz Ukhta».







«Laboratory of computer modeling of technological processes of the main gas transport» (202 «K»)

**JSC Gazpromgeofizika**  
**LLC Vuktylgazgeofizika**

Year of opening: 2013

**Specialties and directions:**

- Geology and survey of mineral resources
- Geophysical methods to search and investigate minerals on the fields
- Geophysical methods of well survey

The laboratory is equipped with the system sets (Internet simulators) to develop training programs for GIS data processing.



LLC Gazprom transgaz Ukhta

Year of opening: 2010

**Specialties and directions:**

- The automated system of information processing and management
- Information systems and technologies



The hall is equipped with information-computer facilities for working off the skills of software development, network administration, skills in 3D-modeling, BARR.



«Modeling of business processes in gas industry»  
(203 «K»)



LLC Gazprom transgaz Ukhta

Year of opening: 2010

- Specialties and directions:**
- Automated information processing systems and management
  - Information systems and technologies

The hall is equipped with information equipment for working off the skills of software development, network administration, skills in 3D-modeling, BARR



«Educational and scientific computer class of the geophysical processing systems named after S. V. Sokolov»  
(204 «B»)



JSC Severgeofizika

Year of opening: 2004

- Specialties and directions:**
- Geology and investigation of minerals»
  - Geophysical methods of searches and investigation of mineral deposit
  - Geophysical methods of well survey

The hall is equipped with system sets for training in computer technologies and development of training programs on processing and interpretation in geophysics.





# Hall from «JSC Giprogaztsentr» (207 «A»)



# Hall named after Pitirim Sorokin (205 «L»)

LLC Gazprom transgaz Ukhta

Year of opening: 2014



Year of opening: 2011

## Specialties and directions:

Electrification and automation of technological processes

The hall is equipped with computers for modeling the compressor shop work of compressor station.



The lecture audience is for giving humanitarian disciplines to students of various specialties and for arranging meetings of academic councils of Institute of fundamental preparation as well.





Hall from LLC  
«GAZPROM VNIIGAZ»  
(216 «A»)

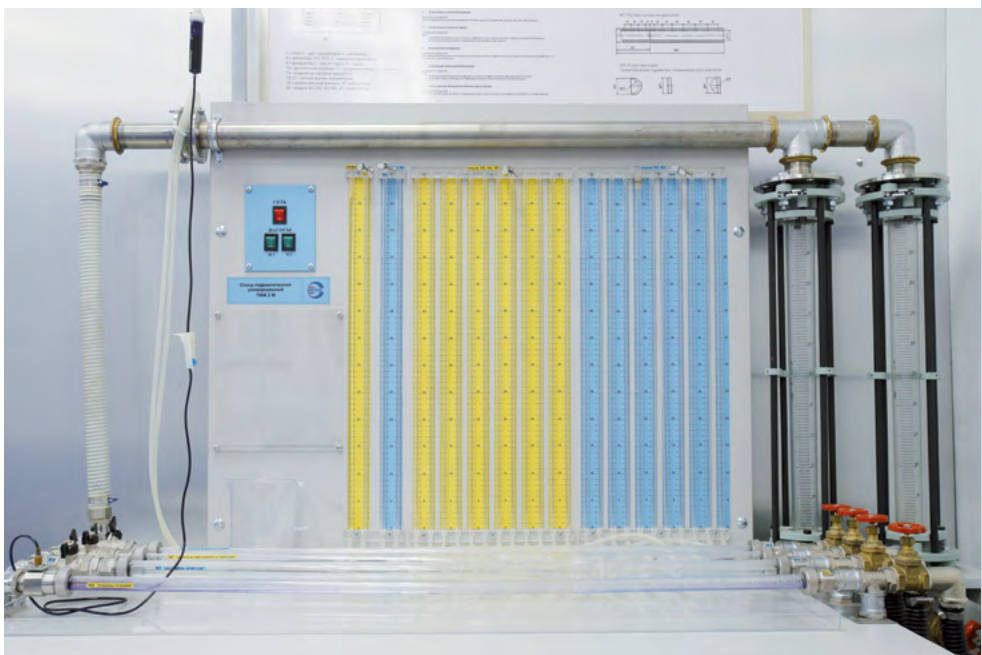
Year of opening: 2009

- Specialties and directions:**
- Development and operation of oil and gas wells
  - Drilling of oil and gas wells
  - Design, construction and operation of oil and gas lines and oil and gas storages
  - Machines and equipment of oil and gas fields

The hall is equipped with information devices, laboratory device «Gidrostatika GS»; hydraulic universal device TMZh 2M.

Hydraulic universal device TMZh 2M

Laboratory device «Gidrostatika GS»



Hall from LLC  
Severgazprom  
(314 «A»)

Year of opening: 2003

- Specialties and directions:**
- Development and exploitation of oil and gas fields
  - Drilling of oil and gas wells
  - Design, construction and exploitation of oil and gas lines and oil and gas storages
  - Machines and equipment of oil and gas fields

The hall is equipped the document camera, information equipment for training in computer technologies and development of training programs.





Hall from LLC Gazprompererabotka  
(401 «B»)

Year of opening: 2011

Specialties and directions:  
Oil and gas geology



LLC Gazprom pererabotka

Year of opening: 2014

Specialties and directions:  
Oil and gas refining

The laboratory is equipped with installations for practical studying of rectifying column and also for studying a multileveled filtration. By means of the equipment they make a registration of phase transitions in a column, take temperature, pressure and a consumption of cooling liquid, define thermal balance of fractional column, study the processes of suspension division on mechanical and adsorptive filters, define the effectiveness of filters and their hydraulic resistance.

Laboratory installations according to rectification and multileveled filtration.

«Laboratory of oil and gas refining»  
(Mining and oil college, hall No. 415)







## Laboratory of chemistry (Mining and Oil College, hall No. 416)

LLC Gazprom pererabotka

Year of opening: 2014

**Specialties and directions:**  
Oil and gas refining

The laboratory is equipped with specialized furniture to carrying out laboratory works on chemistry and information devices.

## The laboratory from LLC «Gazprom processing» (Mining and Oil College, hall No. 417)

**Specialties and directions:**  
Oil and gas refining

Opening goal: 2014

The laboratory is equipped with installations to study the hydrodynamics of fluidized layers, to test various designs of heat exchangers, to determine hydraulic resistance, to survey the combined heat transfer of horizontal pipe with environment in the conditions of free convection. In the hall there is a desk laboratory set to study the main hydraulic processes.

Installations to study hydrodynamics of fluidized layers





«Laboratory of 3D-modeling and prototyping»  
(Center of collective use of scientific resources)



Camera of vacuum molding  
equipment HVC -1

The objects made in laboratory



3D-printe Tier Time Inspire d290



Year of opening: 2014

**Specialties and directions:**  
Oil and gas refining

The laboratory has the  
equipment which allows to  
create full-color models from  
mix of plaster powder and  
special liquid.  
In laboratory there are systems  
of atmospheric and vacuum  
molding.

3D - printer Projet 660 pro



Line of equipment of vacuum  
molding of two-component  
polyurethane



# JSC TRANSNEFT





# Laboratory on research of rheological oil properties (4 «A»)

JSC Severnye magistralnye nefteprovody

It was reconstructed in 2010

The laboratory is equipped with devices to work in reflective and passing light. In the hall there are tables about electrochemical protection, the device to determine the stressed - deformed state.



# Hall to have practical trainings (311 «A»)

JSC Severnye magistralnye nefteprovody

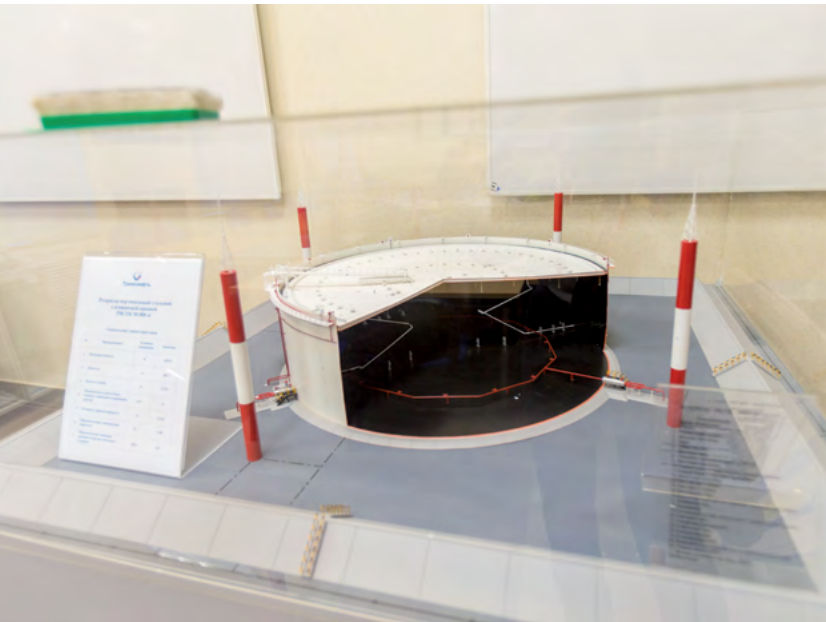
Year of opening: 2002

## Specialties and directions:

- Design, construction and operation of the main gas and oil pipelines and oil and gas storage
- Construction and repair of gas and oil pipelines and oil and gas storage
- Operation and service of objects of transport, oil and gas storage and processing products
- Reliability of gas and oil pipelines and their storage
- Reliability of pipeline systems of the Arctic shelf

In the hall there are:

1. Functional simulator-N PS «Ukhta-1»
2. Model of main and support facilities N PS «Ukhta-1»
3. Model of tank with floating roof



- 1 - Heating mantle;
- 2 - Magnetic mixer;
- 3 - Thermostat.



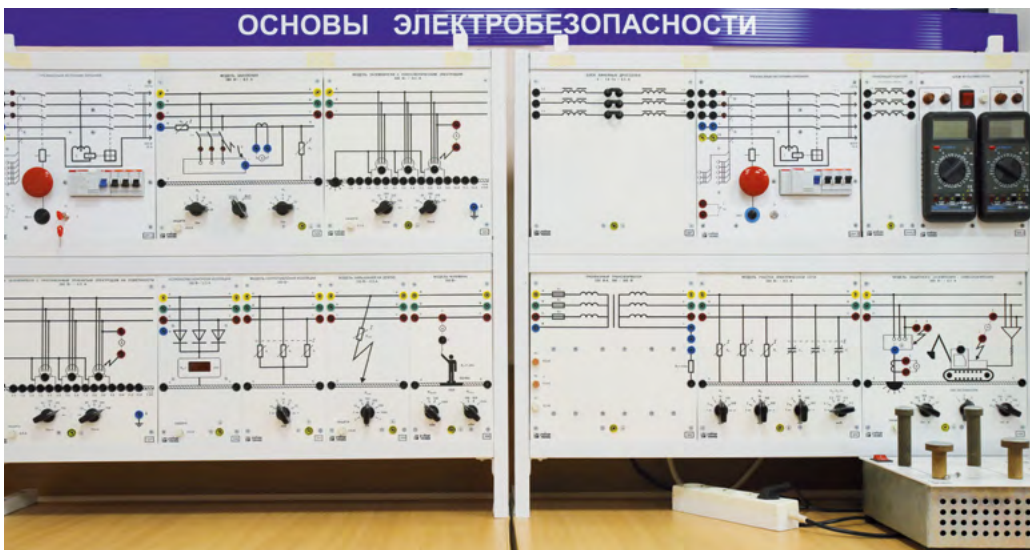
Laboratory  
«Electrification  
of the industrial  
enterprises» (102  
«A»)

JSC Severnye magistralnye  
nefteprovody

Year of opening: 2006

Specialties and directions:  
Power industry and electrical  
equipment

The laboratory is equipped with  
the standard equipment OEB1-S-R  
«ELECTRICAL SAFETY BASIS», the  
complex distributing device, ShGS  
management station.



Комплексные распределитель-  
ные устройства серии K-104M



Laboratory «Automation  
and systems of electric  
drives management»  
(103 «A»)

JSC Severnye magistralnye  
nefteprovody

Year of opening: 2007

Specialties and directions:  
Power industry and electrical  
equipment

In the hall there is a laboratory  
device «TOE NTTs-07», a standard  
set of the educational equipment  
«Automation Equipment and  
Management — MAKС.», a set of  
standard laboratory equipment  
«Relay and contactor control  
of asynchronous engines with a  
short-circuited rotor», laboratory  
equipment «Electric drive-MPSU»  
NTTs-24 (1 device, 2 machine units),  
laboratory device «Bases of Electric  
Drive and Converting Equipment  
with MPSU» NTTs-25.





Laboratory  
«Electrical  
machines and  
power supply»  
(104 «A»)

JSC Severnye magistralnye  
nefteprovody

Year of opening: 2005

**Specialties and directions:**  
Power industry and electrical  
equipment

The laboratory is equipped with  
a set of standard laboratory  
equipment EMP1-S-K «ELECTRICAL  
MACHINES AND DRIVE», a set of a  
standard laboratory equipment EE2-  
B-N-K «POWER INDUSTRY».

Laboratory device «Electrical  
machines and power electronics»

Laboratory device «Electrical  
machines and electric drive»



Laboratory of  
modes modeling  
to transfer the main  
oil pipeline  
(209 «A»)

JSC Severnye magistralnye  
nefteprovody

Year of opening: 2010

**Specialties and directions:**

- Design, construction and operation of the main gas and oil pipelines and gas and oil storage
- Construction and repair of gas and oil pipelines and gas and oil storage
- Operation and service of objects of transport, oil and gas storage and processing products

The laboratory is equipped with  
devices to model the modes to  
transfer the main oil pipeline.







## Hall of thesis and degree research (305 «A»)



### JSC Severnye magistralnye nefteprovody

Year of opening: 2003

#### Specialties and directions:

- Design, construction and operation of the main gas and oil pipelines and gas and oil storage
- Construction and repair of gas and oil pipelines and gas and oil storage
- Operation and service of objects of transport, oil and gas storage and processing products
  - Reliability of gas and oil pipelines and their storage
- Reliability of pipeline systems of the Arctic shelf



The hall is equipped with computer facilities and information devices with the examples of computer-aided technological drawings.

## Lecture audience (307 «A»)

### JSC Severnye magistralnye nefteprovody

Year of opening: 2002

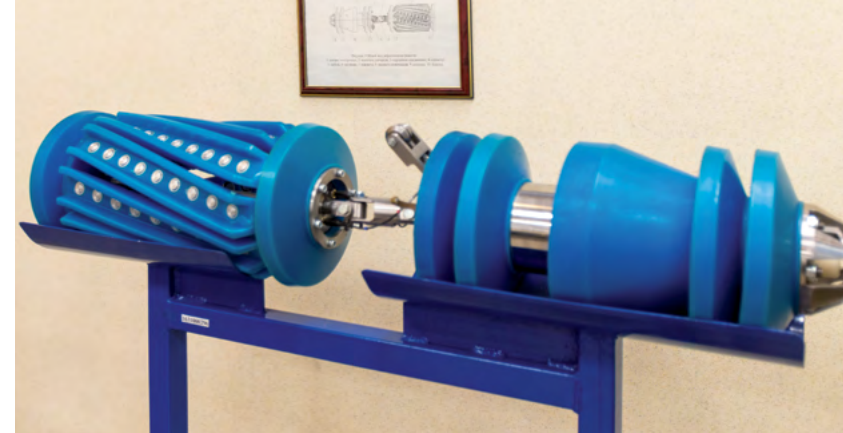
#### Specialties and directions:

- Design, construction and operation of the main gas and oil pipelines and gas and oil storage
- Construction and repair of gas and oil pipelines and gas and oil storage
- Operation and service of objects of transport, oil and gas storage and processing products
- Reliability of gas and oil pipelines and storage
- Reliability of pipeline systems of the Arctic shelf

The hall is equipped with modern computers, information devices illustrating a production activity at oil transport. In the hall there is a model «Ultrasonic intrapipe defectoscope».



Defectoscope intrapipeline ultra-audible ultrascan WM 48.





# Laboratory of metrological provision of transport of oil and oil products (16 «G»)

JSC Transneft

Year of opening: 2013

**Specialties and directions:**

- Metrology, standardization and certification
- Electrical technology, electromechanics and electrotechnology
- Electric drive and automatic equipment of plants and technological complexes
- Machines and equipment for oil and gas fields
- Technological machines and equipment
- Automated information processing systems and management
- Technosphere safety

The laboratory is equipped with assemblies to use skills to install sensors on the measured object, control and adjust a measuring complex with the calculator, measuring temperatures of various objects with registration of temperature dependences to process them subsequently by third-party means, to check and calibrate glass and manometrical thermometers and temperature converters as well. The hall is also instrumented to use skills to fulfill the analysis of a studied signal form, check and graduate thermoconverters of resistance.





# JSC NK Rosneft







## Hall for laboratory researches of the chair of industrial safety and environment protection (224 «A»)

JSC RN-Severnaya Neft

Year of opening: 2012

**Specialties and directions:**

- Safety of technological processes and productions
- Technosphere safety



## Computer class of chair of industrial safety and environment protection (226 «A»)

JSC RN-Severnaya Neft

Year of opening: 2012

**Specialties and directions:**

- Safety of technological processes and productions
- Technosphere safety

The hall is equipped with the modern information equipment





Laboratory  
of geological  
technological  
modeling  
407 «B»

JSC NK Rosneft

Year of opening: 2005

Specialties and directions:  
Oil and gas geology



Computer class (409 «B»)

JSC NK Rosneft

Year of opening: 2005

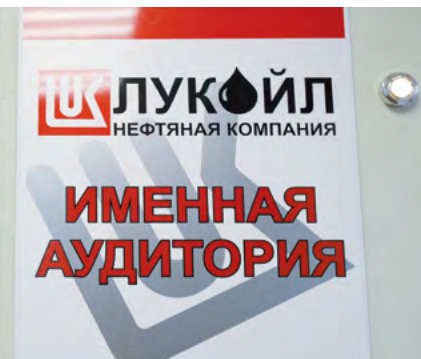
Specialties and directions:  
Oil and gas geology

The laboratory is equipped with  
system sets to develop training  
programs on mathematical  
modeling in the sciences about  
Earth.





# JSC LUKOIL





# Educational and scientific laboratory of diagnostics and nondestructive control (105 «D»)

LLC LUKOIL-Komi

Year of opening: 2013

## Specialties and directions:

- Machines and equipment of oil and gas industry
- Technological machines and equipment
- Machines, units and processes.

The laboratory is equipped with the equipment for the analysis of chemical composition of metals, alloys and other materials, for nondestructive control of production if there are defects like violation of solid and uniformity of material in metal wares and plastic, for definition and control of tribotechnical characteristics of various materials and lubricant structures, for control of convex and concave surfaces of difficult geometry, pipes with a diameter from 60 mm, bending and also for work in the pipes.



# «Scientific and educational informatical-technological laboratory» (203 «B»)

LLC LUKOIL-Komi

Year of opening: 2006

## Specialties and directions:

- Geology and investigation of minerals
- Geophysical methods of searches and investigation of mineral deposits
- Geophysical methods of well research

The laboratory is equipped with the screen to demonstrate educational video records, and system sets «Arbate» to develop training programs on mathematical modeling in sciences about Earth.





«Class of practical training named after the Hero of socialist labour  
A. P. Yakimov» (215 «D»)

LLC LUKOIL-Perm

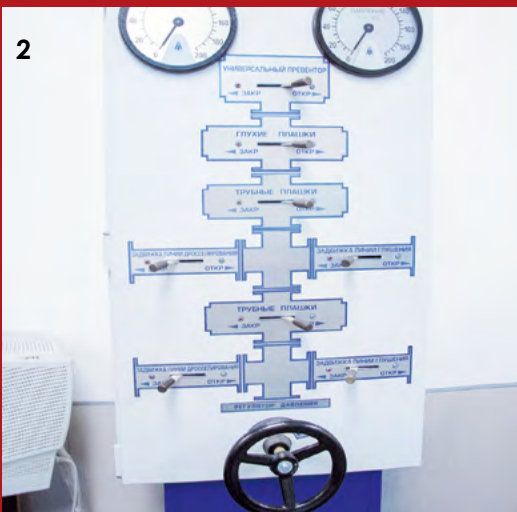
Year of opening: 2002

Specialties and directions:

- Drilling of oil and gas wells
- Oil and gas engineering

The hall is equipped with machines to train experts including technology of prevention and elimination of oil and gas and water seepage when drilling wells.

- 1 - Pumps control panel
- 2 - Preventers panel
- 3 - Drilling simulator



Laboratory of borehole oil production  
(220 «A»)

JSC Lukoil

Year of opening: 2007

Specialties and directions:

- Development and operation of oil and gas fields
- Drilling of oil and gas wells
- Design, construction and exploitation of gas and oil pipelines and gas and oil storage
- Machines and equipment of oil and gas fields

Laboratory is equipped with models of gas-lift elevator, deep well pump, sector model of layer



Model of gaslift



Reservoir sektor model



Model of rod well pump



# Interdepartmental petrophysical laboratory (412 «V»)

LLC LUKOIL-Komi

Year of opening: 2012

**Specialties and directions:**

- Geology and investigation of minerals
- Geophysical methods of searches and investigation of mineral deposits
- Geophysical methods of well research



Device for porosity measurement Porometer



Darsimeter



Petroom



The laboratory is equipped with devices to determine passing speed of elastic acoustic waves «Ultrasound»;

determine coefficient of open porosity of borehole core samples of gasometric densimeter Poromer;

determine permeability of rocks (core samples) on gas Darsimetr;

measure electric properties of rocks Petroom.



# OTHER COMPANIES AND FACILITIES





# EDUCATIONAL AND PRACTICAL FIELD







# EDUCATIONAL AND PRACTICAL FIELD

Site of JSC Severnye  
magistralnye  
nefteprovody

Main pump NM

Two-section clearing device,  
type ICR 2



Rotor of the main pump



Device «Diogen-700»



Electric motor STD-2500



# EDUCATIONAL AND PRACTICAL FIELD

## Site of JSC Lukoil

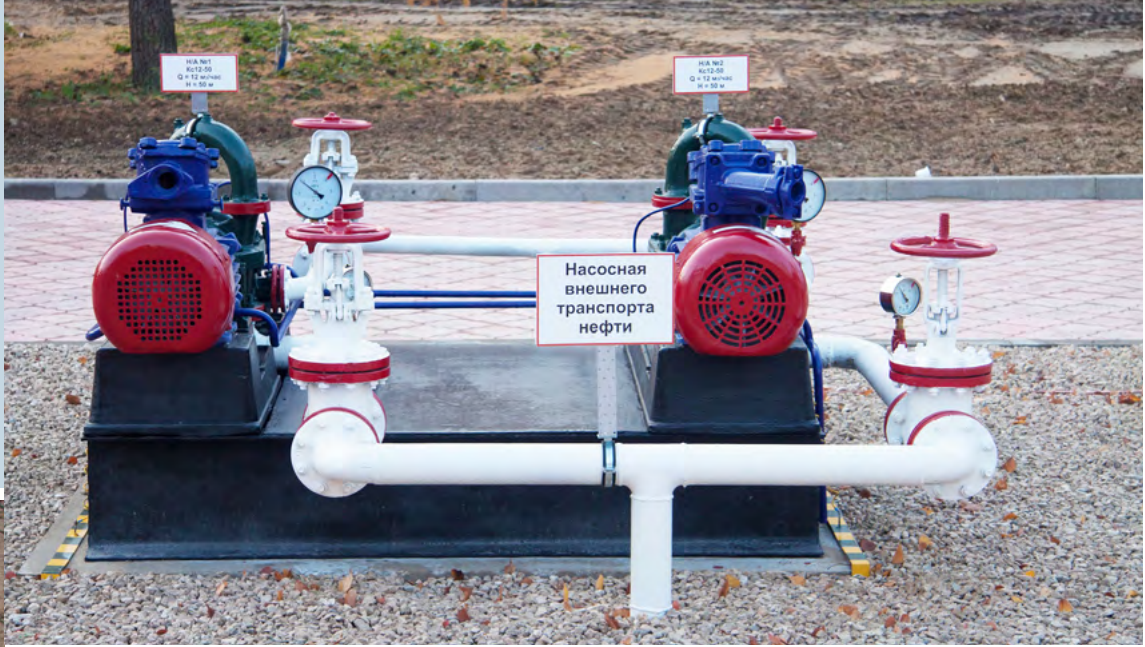


Production well

Capacity separation 1 Delivery well

Production well, used by ESP unit by the free-flow production method

Injection well



Pump station of external oil transport



Pump station of fossil water



Complex device



# CONGRESS HALL

Year of opening: 2010  
Capacity is 400 people

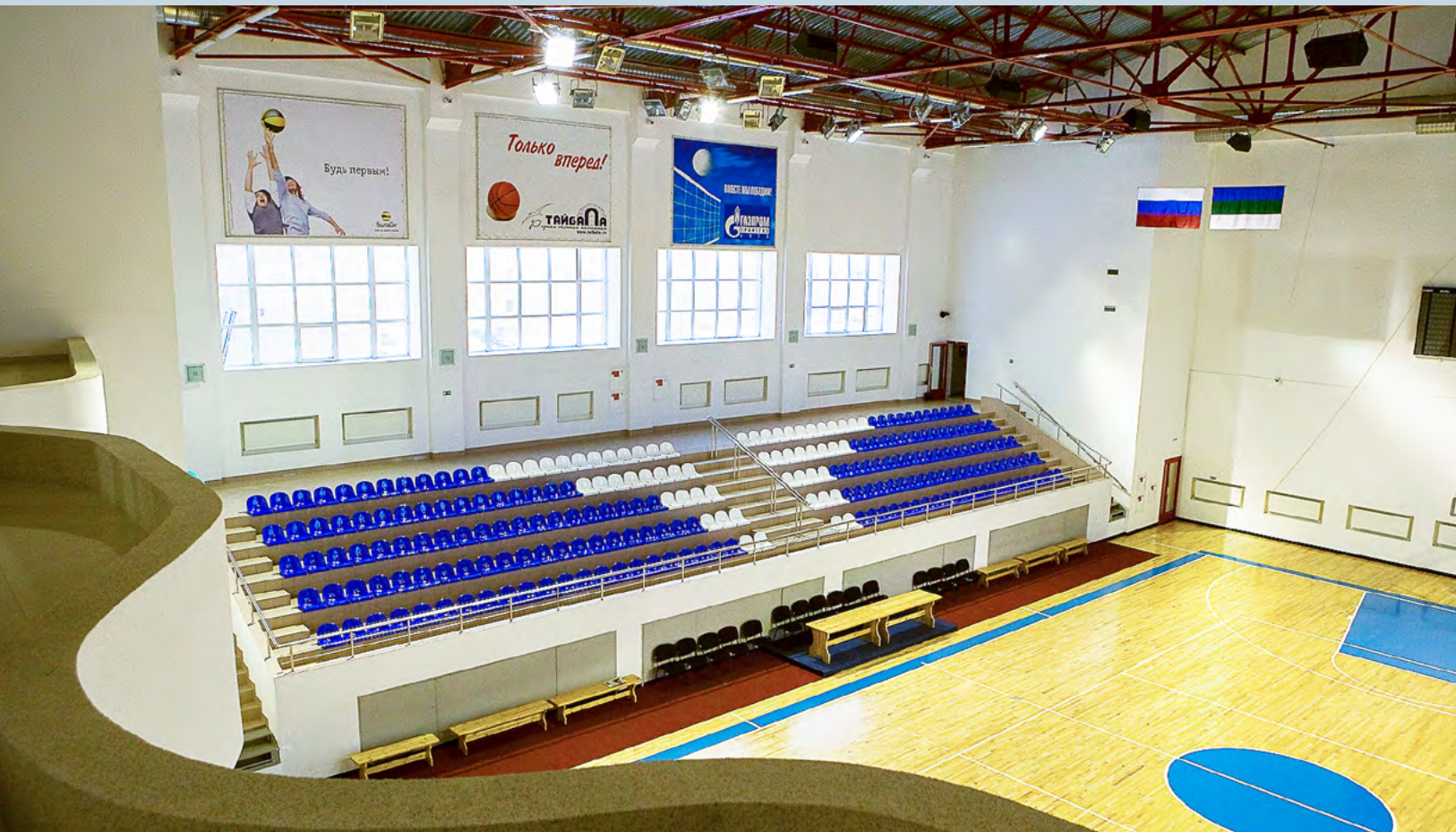


## LARGE PHYSICAL HALL

The hall is to give lectures for all courses. The special lecture equipment is installed there (a powerful projector, the screen, the computer, a microphone, the speaker system).



UNIVERSAL SPORTS COMPLEX  
«BUREVESTNIK»



Year of opening: 2007

USC «Burevestnik» is for educational trainings with students of higher educational institution, mass health, sports and sporting events with students, graduate students, teachers and USTU staff, members of their families, pupils of sports and comprehensive schools, other educational institutions, children and teenagers, for competitions and spectacular actions.



# «Laboratory of oil recovery increase»

Year of opening: 2014

The laboratory is equipped with the equipment which investigates the impact of temperature, physical and chemical factors on the examples of oil-bearing breeds from the real fields.



# Hall of JSC GEOTEK HOLDING

Year of opening: 2014

The hall is equipped with information equipment to develop educational programs.



# Laboratory of inorganic and analytical chemistry (410 «L»)



The laboratory is equipped with devices to execute analytical works in air environment, normalization and metal softening, residual torques, heat treatments of plastic and other materials in stationary conditions.



# Laboratory of physical and colloidal chemistry (417 «L»)



The laboratory is instrumented for carrying out bacteriological, microbiological, sanitary and bacteriological, virologic and other types of researches.





Hall of LLC Taybala (709 «E»)

Year of opening: 2009

- Specialties and directions:
- Management
  - Economics
  - Finance and credit



Hall of JSC Sberbank (813 «E»)

Year of opening: 2008

- Specialties and directions:
- Management
  - Economics
  - Finance and credit





«Laboratory of directional drilling to monitor and manage well construction named after V. F. Buslaev» (104 «D»)

LLC Burservis

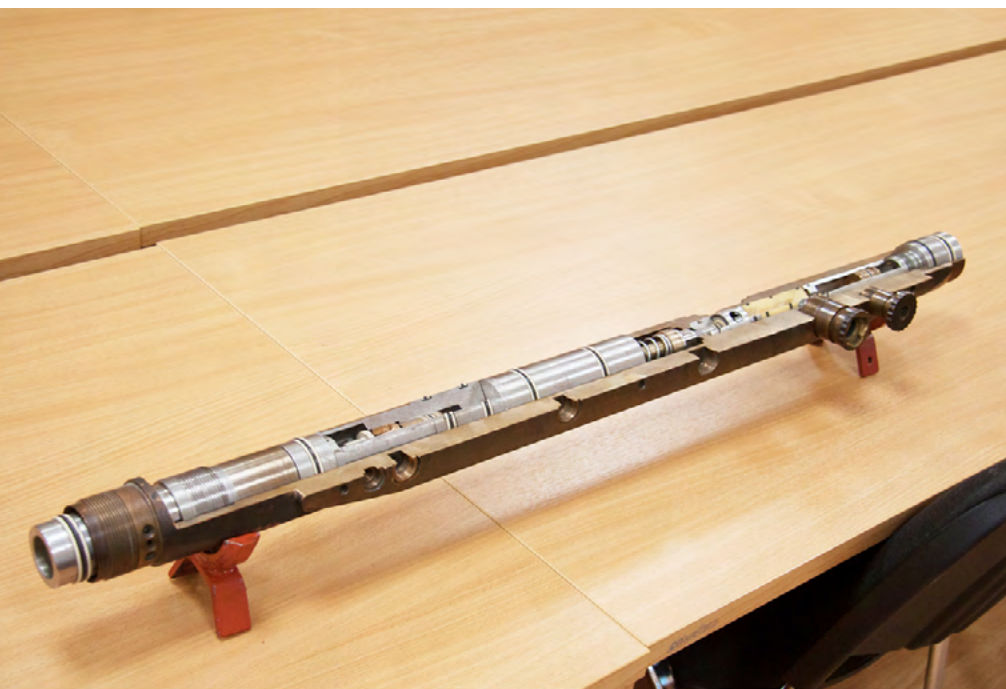
Year of opening: 2011

- Specialties and directions:
- Drilling of oil and gas wells
  - Oil and gas engineering

The laboratory is equipped with the devices to apply scientific researches in the field of boring technologies including the Arctic shelf, to monitor the process of drilling in the real time mode



Control panel of telesystem GNOME



Tester of longitudinal swelling of clays in the dynamic mode with a compactor



«Laboratory of boring solutions named after B. N. Klempet» (102 «D»)

JSC EkoArktika

Year of opening: 2009

- Specialties and directions:
- Drilling of oil and gas wells
  - Oil and gas engineering

The laboratory is equipped with the equipment to carry out scientific researches in the field of drilling technologies including the Arctic shelf, researches of rheological properties of boring flushing liquids, a tester of longitudinal swelling in the dynamic mode with a compactor, a tamp tester of permeability p.p.т оП 171 - 84, the device for definition of water return of solution at mixing (version 2.0).



# «Classroom of information technologies in drilling named after A.S. Dyusushe» (221 «D»)

JSC Usinskgeoneft

Year of opening: 2007

- Specialties and directions:**
- Drilling of oil and gas wells
  - Oil and gas engineering

The laboratory is equipped with the equipment for carrying out the scientific researches in the field of drilling technologies including the Arctic shelf.



# Hall «G», department of industrial and civil engineering

Year of opening: 2007

The floor is repaired at the expense of the graduate of PGS-2-80 group of Ull construction faculty, the founder of «The town-planning company «New House» Vitaliy Anatolevich Gabuev.





Laboratory Design  
Testing (7 «G»)

JSC Flint – Evraziya

Year of opening: 2010

- Specialties and directions:
- Industrial and civil engineering

The laboratory is equipped with the equipment for carrying out laboratory researches according to programs to teach experts and bachelors, carrying out researches on master theses.



Specialized lecture hall (46 «G»)

PGS Graduates

Year of opening: 2008

- Specialties and directions:
- Industrial and civil engineering

The hall is equipped with equipment for giving lectures with presentations, course design with the use of modern technical means and settlement programs of industrial and civil engineering department.

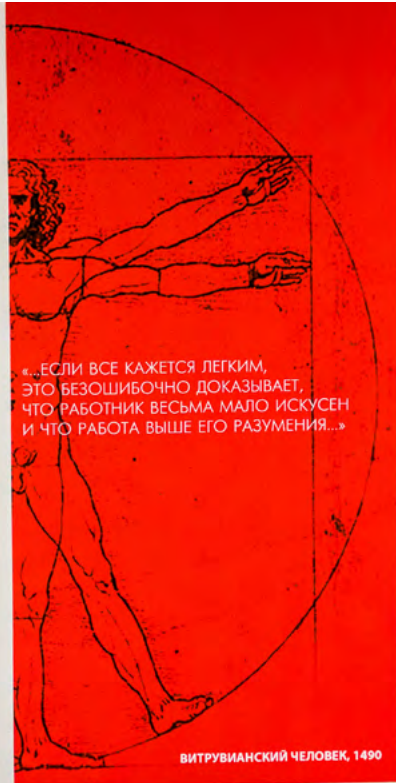
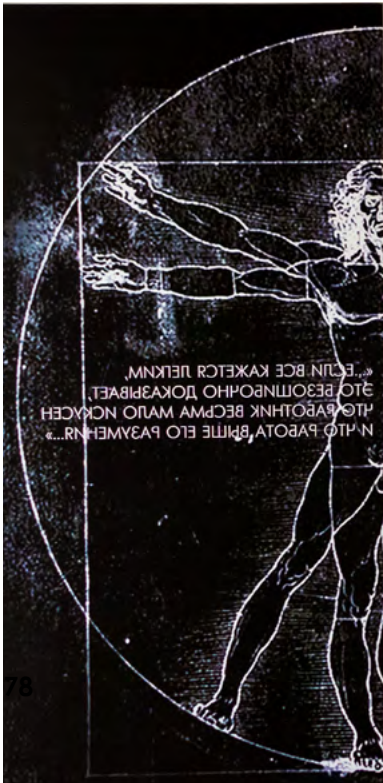




Hall «G»,  
floor of  
Architecture department

LLC Komistroymost

Year of opening: 2014





# Museum of USTU history

*Year of opening: 2009*

The ceremonial opening of museum halls of USTU history took place during the days when University celebrated the 10th anniversary of having its status of the university. The museum consists of 8 halls which expositions cover a time period from 1692 to present days and tell about the history of University and the city, about development of oil and gas, construction, forest and energy industries and computer facilities as well.





«Sidorov's hut»,  
«Gaysberg's Storeroom»  
and «Radiyevy Deadlock»  
is in the settlement  
«Vodny»

In the first hall there is the  
exposition of history of the  
pre-revolutionary period of  
oil Ukhta and Radium field. In  
the hall there are the following  
expositions: «Pryadunov's  
plant» (1746), «Sidorov's hut»  
(the middle of the XIX century),  
«Gansberg's Storeroom» (the  
beginning of the XX century)  
and «Radiyevy Deadlock» in the  
settlement «Vodny» (1930-1950).

## Museum of USTU history





From  
«Ukhta-GULAG» to  
«Ukhta-University»:  
geology, oil, gas



Museum of USTU  
history



In the second hall the first half of it is devoted to the history of Ukhta camp, the second one is devoted to the development of oil and gas industry, formation of Ukhta State Technical University and oil and gas and prospecting faculties.







Museum of USTU history

From «Ukhta-GULAG» to  
«Ukhta-University: underground  
technologies and overground  
mechanics



НЕФТЕШАХТА №1



The third hall shows the history of  
the unique enterprises of our city,  
Yarega oil mines (1932-2009) and  
Ukhta mechanical plant  
(1929-2009).



Museum of USTU history

From «Ukhta-GULAG»  
to «Ukhta - University»:  
forestry, construction,  
architecture

In the fourth hall the part of the  
exposition is devoted to the  
history of development of the  
forest industry in Ukhta area  
and activity of timber faculty.  
Another part is devoted to  
the architecture and the city  
construction from 1930th and  
architectural construction  
faculty.





Museum of USTU history

From «Ukhta - GULAG»  
to «Ukhta - University»:  
physics and lyric poets

In the fifth hall with the name  
«Physics and Lyrics» there are  
the departments of general  
education profile and its main  
ornament is A.S. Pushkin's bust.







From «Ukhta - GULAG» to «Ukhta-University»: «a free wind» of the Ukhta theater and «a live voice» of a museum drawing room



The sixth hall has the theatrical drawing room created on the contrast of the history of camp theater in Ukhta and creativity of USTU modern groups.



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