

210
years



Ministry of Transport of
the Russian Federation



Russian University of Transport
RUT (MIIT)

RUSSIAN UNIVERSITY OF TRANSPORT RUT (MIIT)





Russian University of Transport
RUT (MIIT)

**Russian University of Transport RUT (MIIT)
is a leading transport educational institution and the biggest
university complex in Russia.**

**From July 1st, 2017 RUT is under the governance of
the Ministry of Transport of the Russian Federation.**



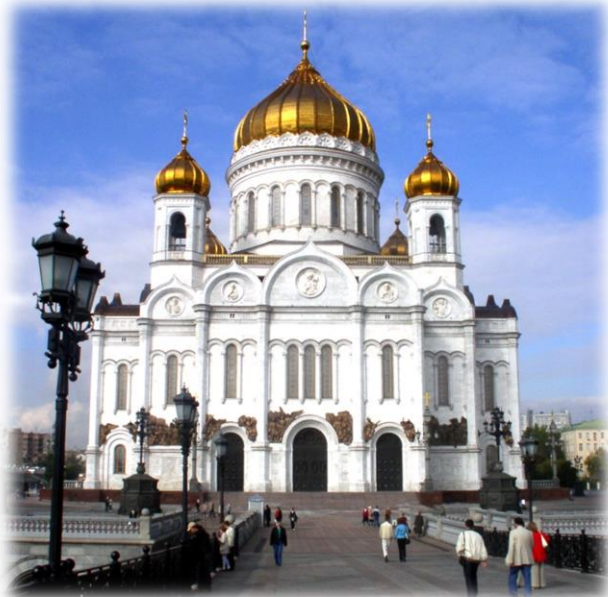
***Ministry of Transport of
the Russian Federation***





Russian University of Transport
RUT (MIIT)

WELL-KNOWN BUILDING PROJECTS IN MOSCOW DESIGNED AND BUILT BY RUT(MIIT) ALUMNI





Russian University of Transport
RUT (MIIT)



PRESIDENT OF THE RUSSIAN FEDERATION
VLADIMIR PUTIN
AT THE UNIVERSITY





Russian University of Transport
RUT (MIIT)

The University was founded as the
Moscow Imperial College of
Engineering (IMIU)
by the Decree of Emperor Nicholas
the Second on May 23rd (June 4th),
1896

Classes started on September 12th,
1896



**Inauguration of the monument
to Nicholas II
September 26th, 2016**





Russian University of Transport
RUT (MIIT)



For over 120 years of history, more than 650,000 highly qualified specialists with higher and secondary vocational education have graduated from the university's walls. They successfully work in transport and in other various fields in Russia and 83 countries of the world.





8 Institutes



2 Academies



A research institute
of Transport
Constructions



Doctoral programs
Ph. D. programs
Mater programs



3 training centers
3 colleges
1 high school



The University complex consists of 189 buildings with total gross space of 364 753,7 m²

It has a total of 39 land properties with total gross space of 436 725,0 m²



Russian University of Transport RUT (MIIT)



Institute of Management
and Information Technologies



Institute of Law



Research Institute of
Transport and Transport
Construction



Institute of Track,
Construction and Structures



Institute of
Transport Engineering and
Control Systems



Humanitarian Institute



Institute of Economics and
Finance



Institute of International
Transport Communications



Russian University of Transport
RUT (MIIT)

Russian Open Transport Academy



The main activities of the Academy:

Realization of educational programs of higher education - bachelor's programs, specialty, magistracy, training programs for scientific and pedagogical staff in postgraduate study, including correspondence courses.



Russian Academy of Railways



The main activities of the Academy:

Implementation of additional educational programs (advanced training and retraining) of managers and specialists in various fields of professional activity.



Russian University of Transport
RUT (MIIT)

FIELD OF STUDY

Some of the Bachelor, Master and Specialist degree programs carried out at the university

- Transport operation and management
- Transport construction and civil engineering
- Railway rolling stock
- Automatics, Telemechanics and communications
- Logistics
- Innovations
- Transport and industrial technologies
- Electrical engineering
- Power engineering and energy supply
- IT studies and programming
- Mathematics and mathematical modeling
- Economics and finance
- Transport Law
- MBA





TRAINING CENTERS:

- «Before University»
- Higher School of Pedagogical Excellence
- Branch center of training of scientific and pedagogical staff of the highest qualification





SPORT CENTER

- 41 sport clubs
- Swimming pool (25 m)
- Fitness center with modern sports equipment
- Fitness centers in residence halls № 4, 5, 6, 7





Russian University of Transport
RUT (MIIT)



Two-time Paralympic swimming champion Olesya Vladykina
– graduate of “Sports management department”, Ph.D.
student of MIIT



Russian University of Transport
RUT (MIIT)



SPORT EVENTS





Russian University of Transport
RUT (MIIT)



RUT-MIIT CULTURAL CENTER

20 courses of art and culture





Russian University of Transport
RUT (MIIT)



ANNUAL FESTIVAL "WIDER CIRCLE"





Russian University of Transport
RUT (MIIT)



SPRING CARNIVAL





Russian University of Transport
RUT (MIIT)



MOSCOW CITY TOUR





Russian University of Transport
RUT (MIIT)



CAMPING





Russian University of Transport
RUT (MIIT)



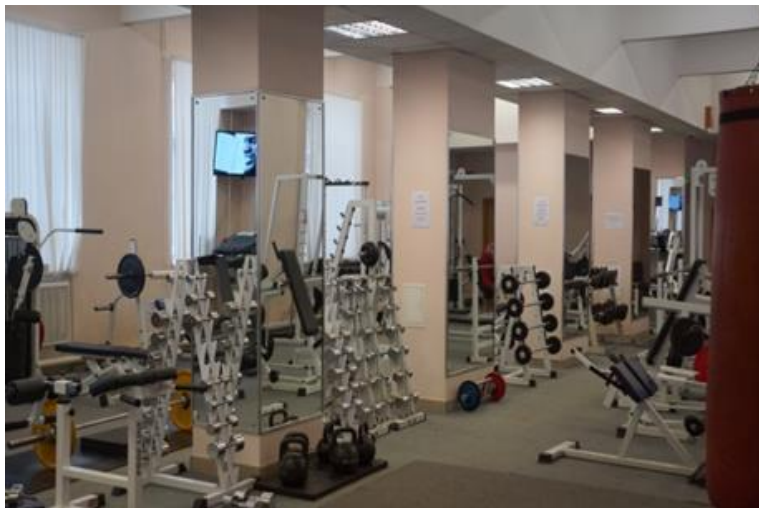
GRADUATION CEREMONY





Russian University of Transport
RUT (MIIT)

STUDENT RESIDENCE HALLS





LIBRARY

The fund of the Library exceeds 4.4 million units.
It holds more than 300 000 units in electronic form.
30 000 units in e-books (27 000 course books and 11 000 teacher editions)





AMOUNT OF STUDENTS

More than 93 000 students in total



- Over 30 000 higher professional training programs students
- Over 19 000 secondary professional training programs students





Russian University of Transport
RUT (MIIT)



WORKFORCE

- 1400 academic staff members including:
- Doctor of Science more than 210 people
- Candidates of Science more than 780 people
- Professors more than 170 people
- Associate Professors over 540 people
- 270 teachers of colleges and gymnasium





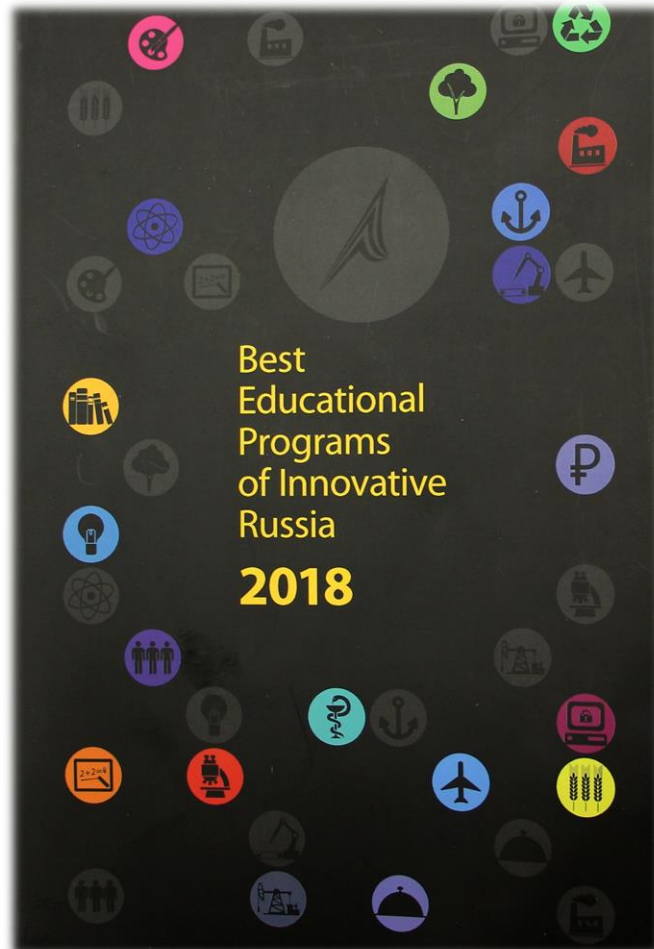
SPECIALITIES

- Specialist degree (5-year course) – 11 specialties
- Bachelor degree – 37 study programs
- Master degree – 21 study programs
- Students of secondary professional training programs – 18 specialties
- Scientific and pedagogical staff (doctoral, postgraduate) in 19 specialties
- Training and retraining of labor – 134 specialties





BEST EDUCATIONAL PROGRAMS OF INNOVATIVE RUSSIA



BACHELOR DEGREE (4 years):

- Civil Engineering
- Informatics and Computer Engineering
- Heat Power Engineering and Heat Engineering
- Technology of transport processes
- Innovations

SPECIALIST (5 years):

- Applied Informatics
- Overland Transport Technology
- Railway Rolling stock
- Railway operations
- Railway Traffic Control Systems
- Construction of Railway, Bridges and Transport Tunnels



Russian University of Transport
RUT (MIIT)



LEADING POSITIONS IN THE SCIENTIFIC SUPPORT OF INNOVATIVE DEVELOPMENT OF RUSSIAN TRANSPORT

24 scientific schools with national and international authority

162 patents in force (including 11 international patents)

Unique educational centers, including the
Multimodal Training Center

Innovative educational technologies and
advanced personnel training

The Supercomputer (64 nodes, 128 CPU,
512 cores, 1 Terabyte of RAM, 4.5 trillion
operations per second)





INTERNATIONAL ACTIVITY IN FIGURES:

1587 international students from **33** countries

172 partner universities and organizations from **53** countries

325 students in the framework of academic mobility

18 joint educational programs with international partner universities

90 delegations from **33** countries yearly

350 employees and students sent on official business every year



EDUCATIONAL PROGRAMS

Institute of Transport Engineering and Operation Systems

SPECIALIST'S DEGREE COURSES

- Computer security
- Ground transportation and technological means
- Rolling stock of railways
- Train support systems

BACHELOR DEGREE COURSES

- Thermal engineering
- Electricity and electrical engineering
- Mechanical Engineering
- Industrial engineering
- Technosphere safety
- Operation of transport machinery
- Standardization and Metrology
- Management in technical systems
- Innovations
- Human Resource Management

MASTER DEGREE COURSES

- Thermal engineering
- Power Engineering and Electrical Engineering
- Mechanical Engineering
- Mechatronics and Robotics
- Technosphere safety
- Ground transportation and technological complexes
- Standardization and Metrology
- Management in technical systems
- Innovations
- Human Resource Management

Institute of Railway Track, Construction and Structures

SPECIALIST'S DEGREE COURSES

- Construction of railways, bridges and transport tunnels

BACHELOR DEGREE COURSES

- Construction
- Informatics and computer engineering
- Land Management and Cadasters
- Quality management
- Management

MASTER DEGREE COURSES

- Construction
- Informatics and computer engineering
- Quality management

Institute of Operation and Digital Technologies

SPECIALIST'S DEGREE COURSES

- Operation of railways

BACHELOR DEGREE COURSES

- Applied mathematics and computer science
- Informatics and computer engineering
- Information systems and technologies
- Information security
- Technosphere safety
- Technology of transport processes
- Management

MASTER DEGREE COURSES

- Applied mathematics and computer science
- Informatics and computer engineering
- Technosphere safety
- Ground transportation and technological complexes
- Management



EDUCATIONAL PROGRAMS

Institute of Economics and Finance

SPECIALIST'S DEGREE COURSES

- Economic security

BACHELOR DEGREE COURSES

- Applied Informatics
- Economics
- Management
- Business Informatics
- Commerce
- Linguistics

MASTER DEGREE COURSES

- Applied Informatics
- Economics
- Management
- Business Informatics
- The human resources

Law Institute

SPECIALIST'S DEGREE COURSES

- Customs
- Legal Support for National Security
- Law Enforcement
- Forensic Expertise

BACHELOR DEGREE COURSES

- Law

MASTER DEGREE COURSE

- Jurisprudence

Humanities Institute

BACHELOR DEGREE COURSES

- Psychology
- Management
- State and municipal administration
- Sociology
- Advertising and public relations
- Journalism
- Tourism
- Hospitality

MASTER DEGREE COURSES

- Psychology
- Management
- State and municipal administration
- Advertising and public relations

Institute of International Transport Communications

BACHELOR DEGREE COURSES

- Management
- International relations
- Documentation and archival science

MASTER DEGREE COURSES

- Management
- International relations

EDUCATION FOR INTERNATIONAL STUDENTS

As of today, RUT (MIIT) is hosting more than 1578 international students from 33 countries who are carrying out their studies within Bachelor, Master and Post-graduate degree programs, as well as vocational and extended training. In 2019 the number of international students has increased by 40% comparing to 2018.





RUT(MIIT) ACADEMIC STAFF AND STUDENT MOBILITY

There are various international academic mobility programs.

Every student and staff member of RUT (MIIT) has the chance to go by the existing academic mobility programs, which are carried out with partner universities.



Key programs:

Erasmus+, EU program for education

German Academic Exchange Service (DAAD)

International corporation scholarships

Double diploma programs

Short-time educational exchanges

1 semester educational exchanges





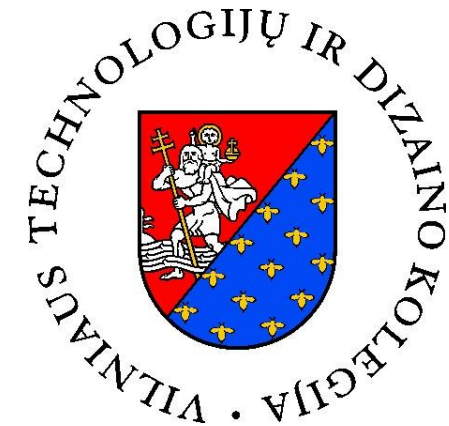
Russian University of Transport
RUT (MIIT)



**ERASMUS+ (KA 107)
STUDENT AND STAFF MOBILITY**



**POLITECNICO
DI TORINO**





Russian University of Transport
RUT (MIIT)



EUROPEAN PARTNERS in students mobility and joint programs

- Ecole Supérieure Cadres Infrastructure SNCF (France),
- Conservatoire national des arts et métiers, CNAM (France)
- Todor Kableshkov University of Transport, Sofia (Bulgaria)
- Dresden University of Applied Sciences (Germany)
- Technische Universität Dresden (Germany)
- Hochschule Mannheim University of Applied Sciences (Germany)
- Augsburg University of Applied Sciences (Germany)
- Bochum University of Applied Sciences (Germany)
- University of Pardubice (Czech Republic)
- Polytechnic University of Turin (Italy)
- University of Trento (Italy)
- Sapienza University of Rome (Italy)
- University of Wrocław (Poland)
- University of Vienna (Austria)
- University of Applied Sciences (St. Pölten, Austria)
- Lappeenranta University of Technology (Finland)

le cnam



Hochschule Augsburg
University of Applied Sciences



POLITECNICO
DI TORINO





SUMMER SCHOOLS

RUT (MIIT) is successfully carrying out summer schools for international students and applicants. Summer schools usually last from 2 to 8 weeks.

During this time students learn Russian language and get acquainted with the university and the city.

The intensive classes are organized in small groups. Classes can be eligible for both beginners and those who are familiar with Russian language. The program usually contains Russian history and culture lectures.





RUSSIAN LANGUAGE STUDY COURSE FOR INTERNATIONAL STUDENTS



For those who do not speak Russian or would like to enhance it the university has a special course where students can prepare for the further education at RUT (MIIT).

The Russian language study course lasts for 1 year or for year and a half. During this time, the students learn about Russian capital, culture and mentality.








RUT (MIIT) JOINT EDUCATIONAL PROGRAMS

Institute	Programs	Partner University
 <p>Institute of Economics and Finance</p>	<p><i>Master's Degree Program «International business»</i></p>	<p><i>Dresden University of Applied Sciences, Germany</i></p>
	<p><i>Bachelor's and Master's Degree Program «Finance and banking»</i></p>	<p><i>University of Portsmouth, Great Britain</i></p>
	<p><i>Bachelor's Degree Program «Theory and practice of intercultural communication»</i></p>	<p><i>Dalian Neusoft University of Information, China</i></p>
 <p>The Institute of Track, Construction and Structures</p>	<p><i>Bachelor's Degree Program :</i></p> <ul style="list-style-type: none"> • <i>Railway construction</i> • <i>Modern methods and techniques of underground building constructions</i> • <i>Construction of bridges and highways</i> 	<p><i>Shijiazhuang institute of railway technology, China</i></p>






RUT (MIIT) JOINT EDUCATIONAL PROGRAMS

Institute	Programs	Partner University
 <p>Institute of Transport Technologies and Control Systems</p>	<p><i>Master's Degree Program in Global Innovation and Technology</i></p>	<p><i>Lappeenranta University of Technology, Finland</i></p>
	<p><i>Bachelor's Degree Programs :</i></p> <ul style="list-style-type: none"> <i>• Electrification of railways</i> <i>• Signalization and control on railway transport</i> <i>• Electrical public rail transport</i> 	<p><i>Shijiazhuang institute of railway technology, China</i></p>
 <p>Institute of Management and Digital Technologies</p>	<p><i>Programs:</i></p> <p><i>Bachelor's Double Degree Program in Logistic</i></p>	<p><i>Dalian Neusoft University of Information (Dalian, China)</i></p>
	<p><i>Bachelor's Double Degree Program in Technology of transportation process</i></p>	<p><i>University of Applied Sciences (St. Pölten, Austria)</i></p>
	<p><i>Bachelor's Degree Program "Railway operation"</i></p>	<p><i>Shijiazhuang institute of railway technology, China</i></p>
 <p>Institute of International Transport Communications</p>	<p><i>Russian-French Master's program in International management of logistics systems</i></p>	<p><i>Nantes University, (Nantes, France)</i></p>
	<p><i>Bachelor's Double Degree Program with German University</i></p>	<p><i>Ruhr University Bochum, Germany</i></p>





RUT (MIIT) JOINT EDUCATIONAL PROGRAMS WITH CHINA

Partner University	Programs	Institute
Beijing Jiaotong University 	<i>Bachelor's Double Degree Program :</i> <ul style="list-style-type: none"> • Logistics • Railway operation 	<i>Institute of Management and Digital Technologies</i>
Dalian Jiaotong University 	<i>Bachelor's Degree Programs :</i>	
	<ul style="list-style-type: none"> • Mechanical engineering • Railway car and rolling stock 	<i>Institute of Transport Engineering and Control Systems</i>
	<ul style="list-style-type: none"> • Tunnel and underground constructions 	<i>Institute of Track, Construction and Structures</i>
Nanjing Institute of Railway Technology 	<ul style="list-style-type: none"> • Logistic of transport process 	<i>The Institute of Management and Digital Technologies</i>
	<i>Bachelor's Degree Programs :</i>	
	<ul style="list-style-type: none"> • Railway construction 	<i>Institute of Track, Construction and Structures</i>
	<ul style="list-style-type: none"> • Rolling stock of railways • Carriage building 	<i>Institute of Transport Engineering and Control Systems</i>
	<ul style="list-style-type: none"> • Electrification of railways 	
	<ul style="list-style-type: none"> • Logistic 	<i>Institute of Management and Digital Technologies</i>



RUT (MIIT) JOINT EDUCATIONAL PROGRAMS WITH CHINA

Partner University	Programs	Institute
<p>Shijiazhuang institute of railway technology</p> 	<p><i>Joint Bachelor's Degree Programs in framework of project «Russian-Chinese transport Institute»:</i></p> <ul style="list-style-type: none"> • <i>Railway construction</i> • <i>Modern methods and techniques of underground building constructions</i> • <i>Construction of bridges and highways</i> • <i>Electrification of railways</i> • <i>Signalization and control on railway transport</i> • <i>Electrical public rail transport</i> • <i>Railway operation</i> 	<p><i>Institute of Track, Construction and Structures</i></p> <p><i>Institute of Transport Technologies and Control Systems</i></p> <p><i>Institute of Management and Digital Technologies</i></p>
<p>Liuzhou railway vocational technical college</p> 	<p><i>Cooperation in realization of joint educational programs</i></p>	<p><i>Institute of Track, Construction and Structures, The Institute of Transport Technologies and Control Systems</i></p>



DIPLOMA SUPPLEMENT

Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended.

RUT-MIIT issues Diploma Supplement (DS) from 2013, it was delivered more than 300 DS to MIIT graduates.



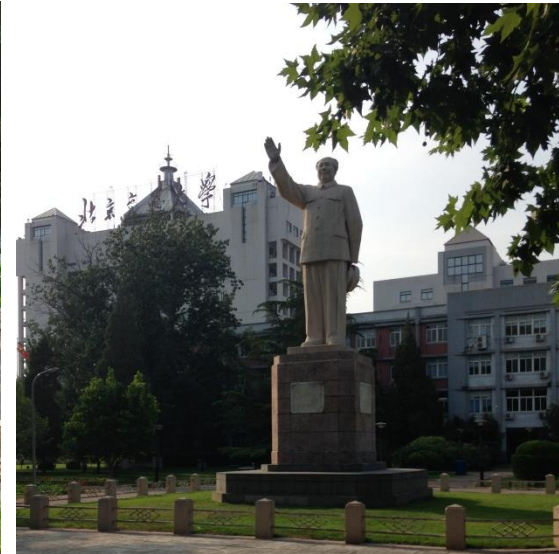
Russian University of Transport
RUT (MIIT)



COOPERATION WITH BEIJING JIAOTONG UNIVERSITY

20 scholarships for Master's degree:

- *Logistics*
- *Electrical engineering*
- *Civil engineering*
- *Vehicle operation (theory of reliability and operation practice)*
- *Theory and practice of management*



In 2015 under the editorship of MIIT rector, Prof. B.A. Levin and BJTU rector, Prof. Ning Bin a book "Way to the future" was published



LECTURES OF THE WORLD'S PROMINENT EXPERTS AND SCIENTISTS

RUT (MIT) regularly organizes public lectures, seminars and workshops with the participation of outstanding scientists and experts from all over the world.





COOPERATION WITH SIEMENS AG

SIEMENS

In 2019 in the framework of St. Petersburg International Economic Forum RUT (MIIT) and Siemens Company signed an agreement for developing the “Pavel Melnikov” scholarship program of the German Academic Exchange Service (DAAD).

In 2018 Siemens granted the university 365 academic licenses for PLM software.

In addition, exclusively for RUT (MIIT) students Siemens regularly carries out lectures, workshops and field trips at company sites.





Russian University of Transport
RUT (MIIT)

COOPERATION WITH INTERNATIONAL UNION OF RAILWAYS (UIC)



Memorandum of Understanding was signed March 26th, 2013

Development of cooperation is conducted in the following areas:

- **Organization of regional workshops and scientific conferences to promote research in the field of railway transport**
- **Lectures by UIC leading experts for academic staff of the University**





Russian University of Transport
RUT (MIIT)



PARTICIPATION OF RUT (MIIT) IN THE WORK OF INTERGOVERNMENTAL COMMISSIONS (IGC)

- At the IGC meetings, the parties consider relevant proposals and issues of the improvement of Russia's foreign economic relations with partner countries
- Participation of RUT (MIIT) in the meetings allows to discuss and reflect the issues of transport education in the IPC protocols
- Representatives of RUT (MIIT) took part in the work of the following IGC: France, China, Indonesia, India, Laos, Greece, Afghanistan, the Philippines



The 14th meeting of the sub-commission on transport of the Intergovernmental Commission on Cooperation between Russia and Kazakhstan



Russian University of Transport
RUT (MIIT)



JOINT EDUCATIONAL PROJECT IN THE FIELD OF HIGHER EDUCATION

The project is implemented
jointly with the Elite&Alliance
Group Limited



As part of the project:

- Professional development for teachers of Zhengzhou Railway Vocational & Technical College (China)
- Summer Russian language courses for Chinese students
- 26 students of the Zhengzhou Railway Vocational & Technical College enrolled in RUT (MIIT)

During the international exhibition Transport Logistic China in Shanghai, June 2016, the joint educational project was presented and received support from the leadership of the Ministry of Transport of the Russian Federation and JSC Russian Railways



Russian University of Transport
RUT (MIIT)

COOPERATION WITH INTERNATIONAL UNION OF RAILWAYS (UIC)



Memorandum of Understanding was signed March 26th, 2013

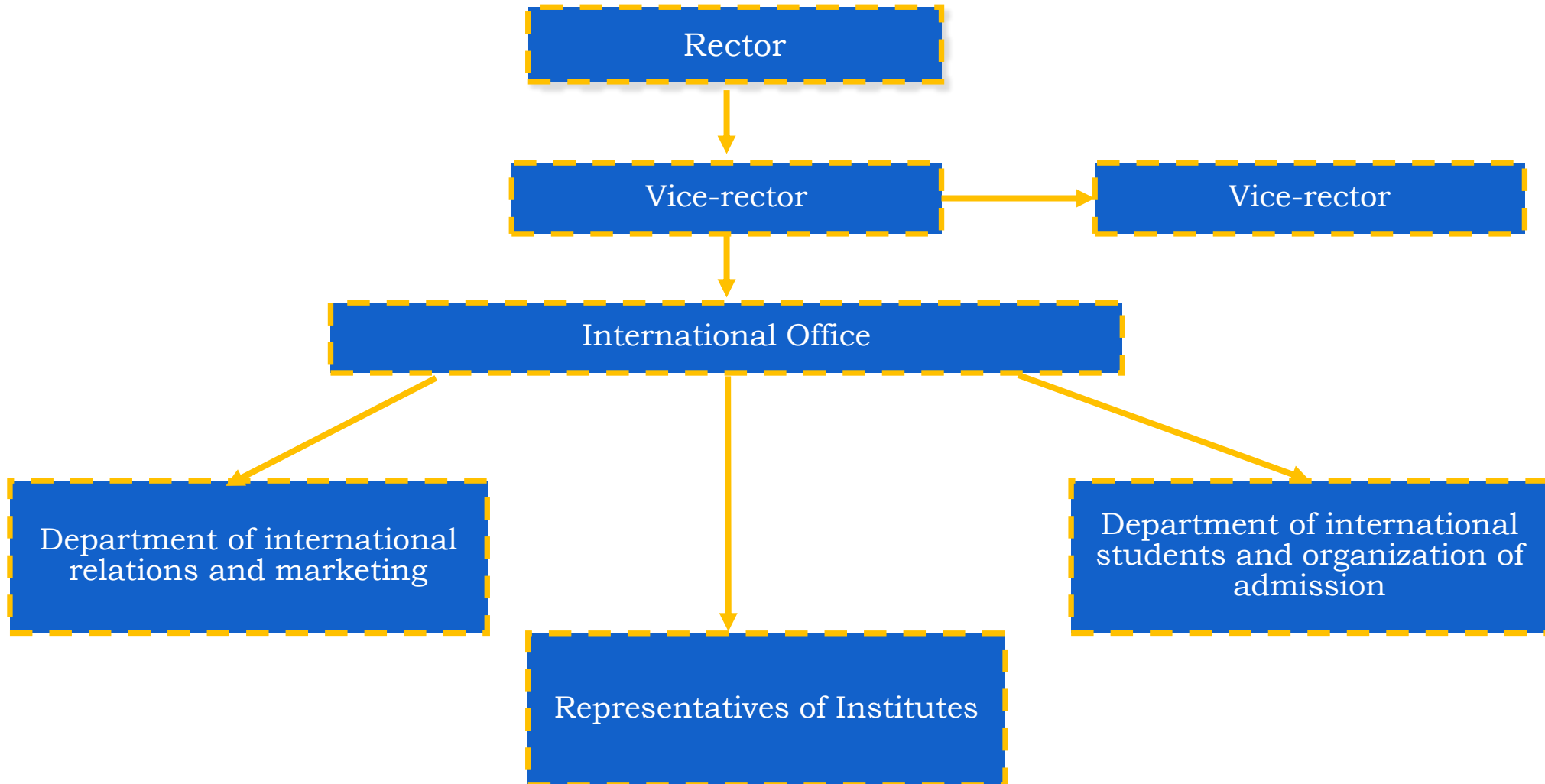
Development of cooperation is conducted in the following areas:

- **Organization of regional workshops and scientific conferences to promote research in the field of railway transport**
- **Lectures by UIC leading experts for academic staff of the University**





INTERNATIONAL OFFICE OF RUT (MIIT)





Russian University of Transport
RUT (MIIT)



Thank you for attention!

Contact us:

miitums@mail.ru

facebook.com/msure.miiit