



**Penza State University**







# WELCOME

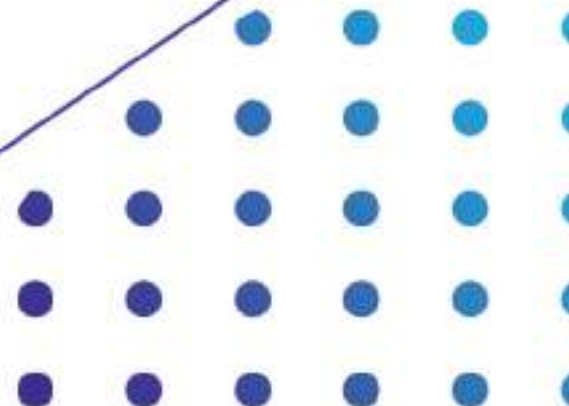
**Dear students, teachers, staff and guests of Penza State University,**

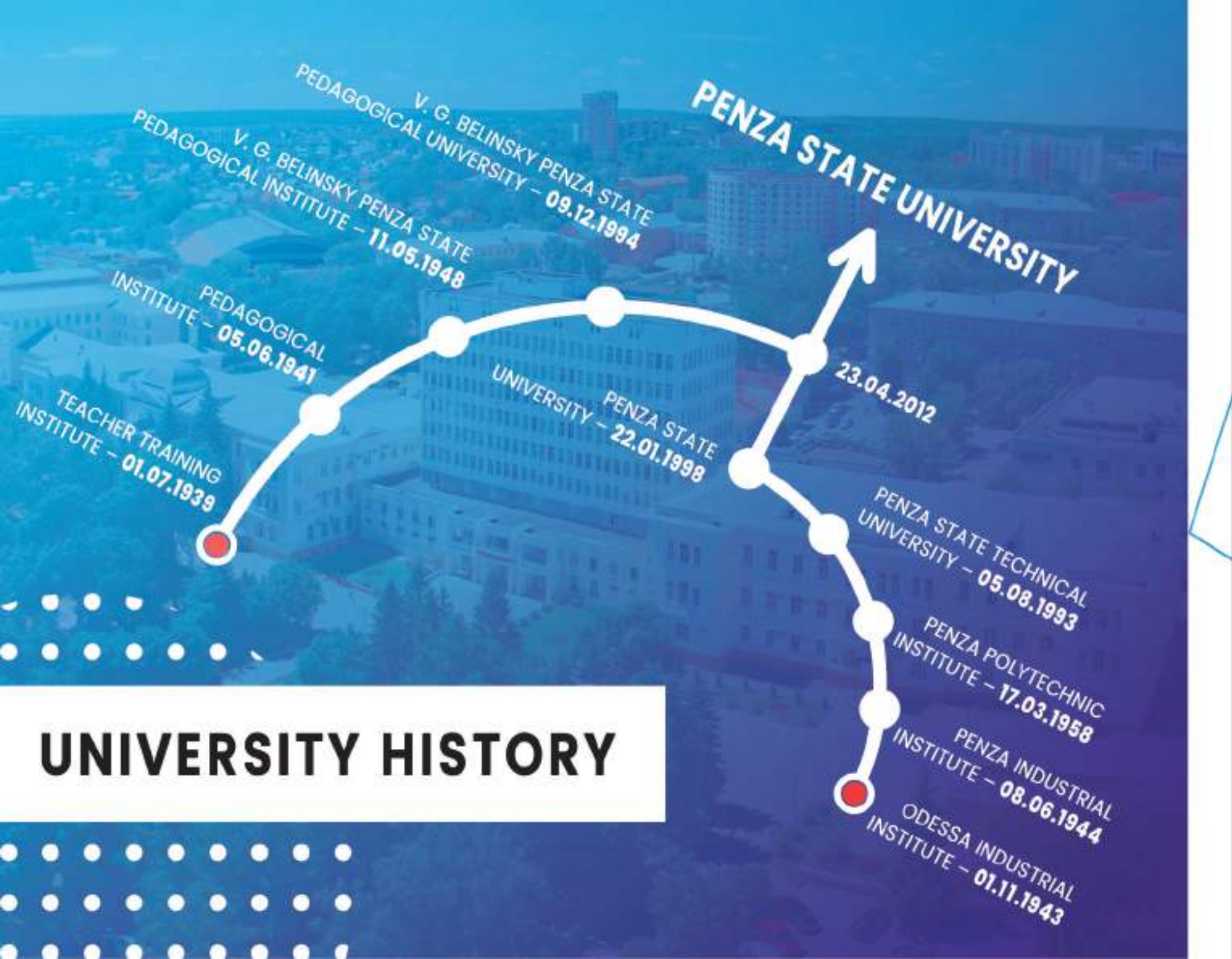
Counting the eighth decade of its glorious history, PSU is rightfully the flagship of higher education in Penza Region. We have created a solid material, educational, methodological and scientific foundation, engaged the best teaching staff in the region and applied the most advanced educational technologies. We train young people in a wide and most versatile range of modern training areas in demand on the labour market.

Penza State University is a prestigious educational institution where young people can get a profession that will allow them to fulfil all their dreams and plans. Within the walls of the university, they not only gain their vocation – they can also engage in science, lead an active social life, and go out for sports and art. It is here that they are met by wise mentors and bright, interesting classmates who will become friends for life.

I wish the university staff, students and all those associated with Penza State University creative success, good health, strength and desire to make the world a better place!

**Aleksandr Guliakov**  
Rector of Penza State University





# PENZA STATE UNIVERSITY



## UNIVERSITY HISTORY



# MISSION AND VISION

Being the leading multidisciplinary educational, research and consulting hub in Penza Region, Penza State University enables its students to experience an once-in-a-lifetime educational journey. Through purposeful interaction between teaching staff and students, PSU emphasises the improvement and application of knowledge, skills, and abilities for promoting educational excellence, driving regional and national economy, encouraging research, educating next generations, enabling sustainable social and economic development and supporting civil society.

## **STUDENT SUCCESS:**

- encouraging inquisitive spirits and shaping their creative thinking
- creating favourable educational and research environment
- broadening students' experience through participation in various sport and cultural activities

## **STAFF EXCELLENCE:**

- promoting career development for teaching and administrative staff
- providing a collaborative environment open to free exchange of ideas

## **COMMUNITY ADVANCEMENT:**

- satisfying regional and national workforce needs
- contributing to society through the pursuit, dissemination, and application of knowledge
- fostering relations between education, research, and industry
- incentivising innovative partnership with business, healthcare, and other institutions

## **NATIONAL AND WORLDWIDE RECOGNITION:**

- initiating global impactful projects and programmes to contribute to the social, cultural and economic vitality of Penza Region
- strengthening international presence through engaging foreigners in studying and teaching at PSU

# EDUCATION

Penza State University offers a wide range of efficient study programmes, which provide engineers, doctors, teachers, entrepreneurs, scientists, lawyers, and plenty of other professionals with knowledge and skills sufficient to facilitate lifelong learning and capacities for effective citizenship. PSU creates multidisciplinary learning and research environment conducive to intellectual pursuits, free-thinking, theory and practice convergence, collaboration and diversity promotion.







**10** INSTITUTES  
**9** FACULTIES

**91** DEPARTMENTS

**100+** BACHELOR'S DEGREE PROGRAMMES

**20+** SPECIALIST'S DEGREE PROGRAMMES

**50+** MASTER'S DEGREE PROGRAMMES

**50+** POST-GRADUATE PROGRAMMES

**20+** CLINICAL RESIDENCY PROGRAMMES

**10+** INTERNSHIP PROGRAMMES

**20000+** STUDENTS

**2500+** CONTINUING EDUCATION STUDENTS

**1700+** INTERNATIONAL STUDENTS

**40+** COUNTRIES

**2000+** LECTURERS

**200+** DOCTORS OF SCIENCES, PROFESSORS

POLYTECHNIC INSTITUTE

# FACULTY OF INDUSTRIAL TECHNOLOGIES, POWER ENGINEERING AND TRANSPORT



Being practice-oriented the Faculty of Industrial Technologies, Power Engineering and Transport offers training in an impressive variety of professional spheres – the automobile industry, machine building, chemical industry, welding and foundry engineering. Well-organized research programmes elaborated at the faculty by both researchers and students meet intellectual challenges and often lead to significant discoveries and inventions.

## DEPARTMENTS:

- Theoretical and Applied Mechanics and Graphic Design
- Welding and Foundry Engineering, Materials Science
- Machine Building Technologies and Equipment
- Power and Electrical Engineering
- Instrument Engineering
- Technosphere Safety
- Transport Vehicles
- Chemistry





## BACHELOR'S DEGREE

- ENGINEERING SUPPORT FOR MACHINE BUILDING
- MACHINE BUILDING:
  - WELDING TECHNOLOGIES AND EQUIPMENT
  - FOUNDRY ENGINEERING TECHNOLOGIES AND MACHINERY
- MATERIALS SCIENCE AND METAL TECHNOLOGIES
- TRANSPORT PROCESSES TECHNOLOGIES
- TECHNOSPHERE SAFETY
- ENGINEERING MACHINES AND EQUIPMENT
- DEVICES AND EQUIPMENT FOR OIL-AND-GAS INDUSTRY
- POWER SYSTEMS AND NETWORKS

## MASTER'S DEGREE

- ENGINEERING SUPPORT FOR MACHINE BUILDING:
  - MACHINE BUILDING TECHNOLOGIES
  - METALWORKING MACHINES
- MATERIALS SCIENCE AND NEW METAL TECHNOLOGIES
- LAND VEHICLES AND MACHINES (AUTOMOBILES)
- DEVICES AND EQUIPMENT FOR OIL-AND-GAS INDUSTRY
- DATA MEASURING TECHNOLOGY
- POWER SYSTEMS AND NETWORKS: OPERATION, STABILITY, RELIABILITY AND QUALITY

## POST-GRADUATE

- MACHINE BUILDING TECHNOLOGIES
- MATERIALS SCIENCE (MACHINE BUILDING)
- TECHNOLOGY OF ELECTROCHEMICAL PROCESSES AND CORROSION PROTECTION
- INSTRUMENT ENGINEERING TECHNOLOGY
- DATA MEASURING AND MANAGEMENT SYSTEMS

POLYTECHNIC INSTITUTE

# FACULTY OF INFORMATION TECHNOLOGIES AND ELECTRONICS



The Faculty of Information Technologies and Electronics was founded as a result of merging two faculties with a long history – the Faculty of Instrument Engineering and the Faculty of Automation and Information Technology, thus combining the best traditions in education and social development of the youth. The faculty opens great perspectives for students' employment in prestigious sectors of modern science-intensive and computerised economy and production.

## DEPARTMENTS:

- Information and Measuring Equipment and Metrology
- Information Security of Systems and Technologies
- Radioengineering and Radioelectronic Systems
- Independent Information and Control Systems
- Radio Equipment Engineering and Production
- Nanoelectronics and Microelectronics
- Automation and Remote Control
- Physics





## BACHELOR'S DEGREE

- MECHATRONICS AND ROBOTICS
- CONTROL IN TECHNICAL SYSTEMS
- ENGINEERING AND TECHNOLOGIES OF ELECTRONIC EQUIPMENT
- PHYSICS:
  - CONDENSED MATTER PHYSICS
  - MANAGEMENT IN RESEARCH AND HIGH-TECH
- ELECTRONICS AND NANOELECTRONICS
- STANDARDIZATION AND METROLOGY

## MASTER'S DEGREE

- CONTROL IN TECHNICAL SYSTEMS
- DESIGN AND PRODUCTION ENGINEERING OF RADIO ELECTRONIC DEVICES
- PHYSICS:
  - CONDENSED MATTER PHYSICS
- NANOELECTRONICS AND MICROELECTRONICS
- QUALITY CONTROL

## POST-GRADUATE

- SYSTEM ANALYSIS, MANAGEMENT AND PROCESSING OF INFORMATION (BY SECTORS)
- METHODS AND MEANS OF INFORMATION PROTECTION, INFORMATION SECURITY

POLYTECHNIC INSTITUTE

# FACULTY OF COMPUTER ENGINEERING



The Faculty of Computer Engineering is notable for its competitive position and quality of the educational and scientific process, which corresponds to the needs of educational programme requestors in the field of informatics, computer engineering, intelligence systems, information technologies, document management, meeting the requirements of Russian and international educational standards.

#### DEPARTMENTS:

- Information Support for Management and Production
- Mathematical Support and Computer Application
- Mathematics and Supercomputer Simulation
- Information and Computation Systems
- Computer Automated Design Systems
- Higher and Applied Mathematics
- Computer Technologies
- Computer Engineering





## BACHELOR'S DEGREE

- COMPUTER AUTOMATED DESIGN SYSTEMS
- COMPUTERS, COMPUTER SYSTEMS, COMPLEXES, NETWORKS
- DOCUMENT MANAGEMENT AND ARCHIVAL SCIENCE
- INFORMATION SYSTEMS AND TECHNOLOGIES
- SOFTWARE ENGINEERING
- MATHEMATICAL SUPPORT AND ADMINISTRATION OF INFORMATION SYSTEMS
- APPLIED MATHEMATICS AND INFORMATICS
- APPLIED MATHEMATICS
- MATHEMATICS
- APPLIED INFORMATICS IN ECONOMICS

## MASTER'S DEGREE

- APPLIED INFORMATICS IN ECONOMICS
- DOCUMENT MANAGEMENT AND ARCHIVAL SCIENCE - RECORDS MANAGEMENT IN E-GOVERNMENT
- COMPUTER AUTOMATED DESIGN SYSTEMS
- COMPUTERS, COMPUTER SYSTEMS, COMPLEXES, NETWORKS
- APPLIED MATHEMATICS AND INFORMATICS:
  - MATHEMATICAL SIMULATION IN ECONOMICS AND ENGINEERING
  - INFORMATION SYSTEMS ADMINISTRATION
  - MATHEMATICAL SUPPORT AND SOFTWARE FOR COMPUTERS
- SOFTWARE ENGINEERING: SOFTWARE ENGINEERING FOR COMPUTERS AND AUTOMATED SYSTEMS
- INFORMATION SYSTEMS AND TECHNOLOGIES

## POST-GRADUATE

- ELEMENTS AND DEVICES OF COMPUTERS AND CONTROL SYSTEMS
- COMPUTERS, COMPLEXES AND NETWORKS
- SYSTEM ANALYSIS, INFORMATION MANAGEMENT AND PROCESSING
- MANAGEMENT IN SOCIAL AND ECONOMIC SYSTEMS
- MATHEMATICAL SIMULATION, NUMERICAL METHODS AND PROGRAMME SYSTEMS
- DIFFERENTIAL EQUATIONS, DYNAMICAL SYSTEMS AND OPTIMAL CONTROL
- THEORY OF INFORMATICS

INSTITUTE OF TEACHER EDUCATION

# FACULTY OF HISTORY, LANGUAGES AND LITERATURE



Harmonising three units (the Faculty of History, the Faculty of Russian Language and Literature, and the Faculty of Foreign Languages), the Faculty of History, Languages and Literature has absorbed the best traditions of cultivating students' intellectual curiosity, increasing their language proficiency, fostering their critical thinking and effective writing. Many generations of lecturers and students have been creating a solid foundation for classical education in the humanities.

## DEPARTMENTS:

- Foreign Languages and Methods of Teaching Foreign Languages
- Russian Language and Methods of Teaching Russian Language
- History of Russia and Methods of Teaching History
- Literature and Methods of Teaching Literature
- Translation and Translation Theory
- World History and Social Studies
- Russian as a Foreign Language
- Romano-Germanic Languages
- Foreign Languages
- English Language
- Journalism





## BACHELOR'S DEGREE

- JOURNALISM
- LINGUISTICS
- TEACHER TRAINING:
  - ENGLISH LANGUAGE
  - GERMAN LANGUAGE, FRENCH LANGUAGE
  - HISTORY
  - HISTORY AND SOCIAL STUDIES
  - RUSSIAN LANGUAGE, LITERATURE

## MASTER'S DEGREE

- LINGUISTICS:
  - TRANSLATION STUDIES AND PRACTICE
  - RUSSIAN LANGUAGE AS A FOREIGN LANGUAGE
  - LANGUAGES, CULTURE AND MEDIA
- TEACHER TRAINING:
  - LANGUAGE STUDIES
  - RUSSIAN LANGUAGE
  - HISTORY AND EDUCATION
  - SOCIAL STUDIES
  - LITERATURE AND EDUCATION

## POST-GRADUATE

- RUSSIAN HISTORY
- JOURNALISM
- THEORY OF LANGUAGE

INSTITUTE OF TEACHER EDUCATION

# FACULTY OF PEDAGOGY, PSYCHOLOGY AND SOCIAL SCIENCES



The Faculty of Pedagogy, Psychology and Social Sciences contributes to the advancement of the most significant fields of the humanities and education of individuals, who will be capable of responding to professional and social needs. The synthesis of pedagogy, psychology and social sciences provides a sound basis for transmitting knowledge into evidence-based practices.

#### DEPARTMENTS:

- Theory and Methods of Pre-School and Primary School Education
- Methodology of Science, Social Theories and Technologies
- Music and Methods of Teaching Music
- Pre-School Education and Defectology
- Theory and Practice of Social Work
- Fine Art and Culture Studies
- Pedagogy and Psychology
- General Psychology
- Applied Psychology





## BACHELOR'S DEGREE

- SPECIAL EDUCATION (DEFECTOLOGY)
- PSYCHOLOGY
- PSYCHOLOGICAL AND PEDAGOGICAL EDUCATION
- SOCIAL WORK
- TEACHER TRAINING:
  - PRIMARY EDUCATION
  - PRE-SCHOOL EDUCATION
  - MUSIC
  - MUSIC. FINE ART

## MASTER'S DEGREE

- PSYCHOLOGY – SOCIAL PSYCHOLOGY OF INDIVIDUAL
- SOCIAL WORK
- SOCIAL PSYCHOLOGY IN EDUCATION
- TEACHER TRAINING:
  - PRIMARY EDUCATION
  - PEDAGOGY AND PSYCHOLOGY OF EDUCATION
  - SOCIAL PEDAGOGY

## POST-GRADUATE

- HISTORY AND THEORY OF CULTURE
- SOCIAL PSYCHOLOGY
- THEORY AND METHODS OF PROFESSIONAL EDUCATION
- SOCIAL PHILOSOPHY
- GENERAL PEDAGOGY, HISTORY OF PEDAGOGY AND EDUCATION

INSTITUTE OF TEACHER EDUCATION

# FACULTY OF PHYSICS, MATHEMATICS AND NATURAL SCIENCES



The Faculty of Physics, Mathematics and Natural Sciences is an integrated unit that provides its training in two major branches – physical and mathematical sciences and natural sciences. Through its history it has been dedicated to delivering fundamental knowledge, fostering scientific literacy among students and giving them unique hands-on experience in the chosen field of study.

## DEPARTMENTS:

- Informatics and Methods of Teaching Informatics and Mathematics
- Chemistry, Theory and Methods of Teaching Chemistry
- General Physics and Methods of Teaching Physics
- General Biology and Biochemistry
- Mathematical Education
- Zoology and Ecology
- Geography





## BACHELOR'S DEGREE

- BIOLOGY
- CHEMISTRY
- TEACHER TRAINING:
  - MATHEMATICS
  - INFORMATICS
  - GEOGRAPHY
  - GEOGRAPHY, LIFE SAFETY
  - BIOLOGY, CHEMISTRY
  - PHYSICS, TECHNOLOGY

## MASTER'S DEGREE

- BIOLOGY - ECOLOGY
- BIOCHEMISTRY
- MOLECULAR BIOLOGY AND GENETICS
- BOTANY
- PLANT PHYSIOLOGY
- TEACHER TRAINING:
  - MATHEMATICS AND EDUCATION
  - PHYSICS AND EDUCATION
  - CHEMISTRY AND EDUCATION
  - GEOGRAPHY AND EDUCATION
  - BIOLOGY AND EDUCATION
  - INFORMATION TECHNOLOGIES FOR EDUCATION

## POST-GRADUATE

- PHYSIOLOGY AND PLANT BIOCHEMISTRY
- BIOCHEMISTRY
- ZOOLOGY
- ECOLOGY

MEDICAL INSTITUTE

# FACULTY OF GENERAL MEDICINE



The Faculty of General Medicine trains medical specialists, who shape the future of healthcare. It combines advanced technology and up-to-date teaching and learning methods to ensure students' academic and professional excellence. It is a research-driven faculty aimed at transferring research into new therapies and products.

## DEPARTMENTS:

- Clinical Morphology and Forensic Medicine with Oncology Basics
- Traumatology, Orthopaedics, Military and Emergency Medicine
- Microbiology, Epidemiology and Infectious Diseases
- Neurology, Neurosurgery and Psychiatry
- Medical Cybernetics and Informatics
- General and Clinical Pharmacology
- Obstetrics and Gynaecology
- Human Physiology
- Human Anatomy
- Internal Medicine
- Paediatrics
- Therapy
- Surgery





## SPECIALIST'S DEGREE

- GENERAL MEDICINE
- PAEDIATRICS
- MEDICAL CYBERNETICS
- PHARMACY

## BACHELOR'S DEGREE

- BIOENGINEERING SYSTEMS AND TECHNOLOGIES

## CLINICAL RESIDENCY

- OBSTETRICS AND GYNAECOLOGY
- GENERAL PRACTITIONER
- CARDIOLOGY
- TRAUMATOLOGY AND ORTHOPAEDICS
- PATHOLOGICAL ANATOMY
- ONCOLOGY
- DERMATOVENEROLOGY
- INFECTIOUS DISEASES
- PAEDIATRICS
- ULTRASONIC DIAGNOSIS
- SURGERY
- EPIDEMIOLOGY
- NEUROLOGY
- PSYCHIATRY

## POST-GRADUATE

- CARDIOLOGY
- PATHOLOGICAL PHYSIOLOGY
- INTERNAL MEDICINE

MEDICAL INSTITUTE

# FACULTY OF DENTISTRY



The Faculty of Dentistry is committed to promoting oral health and quality of life in the whole population through the excellence in education, research and innovation. Its staff and students challenge existing knowledge to foster problem-solving and new discovery in dentistry.

## DEPARTMENTS:

- Hygiene, Public Health and Healthcare
- Paediatric Dentistry and Orthodontics
- Maxillo-Facial Surgery
- Dentistry





## SPECIALIST'S DEGREE

- DENTISTRY

## CLINICAL RESIDENCY

- OPERATIVE DENTISTRY
- SURGICAL DENTISTRY
- ORTHOPAEDIC DENTISTRY
- PAEDIATRIC DENTISTRY
- ORTHODONTICS
- ORAL SURGERY
- OPHTHALMOLOGY
- OTORHINOLARYNGOLOGY
- RADIOLOGY

## POST-GRADUATE

- DENTISTRY

# INSTITUTE OF SPORT AND PHYSICAL TRAINING



The Institute of Sport and Physical Training concentrates on providing training and education of professional and academic qualifications in sport, fitness and recreation sectors. Thanks to experienced teaching and coaching staff it contributes to educating outstanding athletes who can successfully compete in the Olympic Games, World and European Championships.

## DEPARTMENTS:

- Theoretical Foundations of Physical Education and Sports
- Physical Education
- Gymnastics and Sport Games
- Cyclic Sports
- Sport and Physical Training





## BACHELOR'S DEGREE

- TEACHER TRAINING:
  - PHYSICAL TRAINING
- PHYSICAL EDUCATION
- PHYSICAL EDUCATION FOR LEARNERS WITH DISABILITIES (ADAPTED PHYSICAL EDUCATION)

## MASTER'S DEGREE

- TEACHER TRAINING:
  - PHYSICAL TRAINING

# INSTITUTE OF ECONOMICS AND ADMINISTRATION



The Institute of Economics and Administration offers advanced training in various economic disciplines. It qualifies graduates, who will have a profound impact on diverse fields of economy. In addition to top-quality education, it focuses on conducting fundamental and applied research and disseminating economic data to society through mass communications and publications.

## DEPARTMENTS:

- Economic Theory and International Relations
- State Management and Regional Sociology
- Management and Economic Security
- Marketing, Commerce and Service
- Sociology and Staff Management
- Accounting, Taxation and Audit
- Economics and Finance
- Digital Economy





## BACHELOR'S DEGREE

- ECONOMICS:
  - ACCOUNTING, AUDITING AND ANALYSIS
  - GLOBAL ECONOMY
  - FINANCE AND CREDIT
  - ENTERPRISE AND ORGANISATION ECONOMY
  - BANKING
- MANAGEMENT:
  - MARKETING
  - CORPORATE MANAGEMENT
  - FINANCIAL MANAGEMENT
- PERSONNEL MANAGEMENT
- STATE AND MUNICIPAL ADMINISTRATION
- BUSINESS INFORMATICS
- COMMERCE
- INTERNATIONAL RELATIONS
- TOURISM

## MASTER'S DEGREE

- ECONOMICS:
  - INTERNATIONAL ECONOMY
  - CORPORATE FINANCE
  - ECONOMY OF THE FIRM
  - ACCOUNTING, TAXATION AND AUDITING
- MANAGEMENT:
  - FINANCIAL MANAGEMENT
  - CORPORATE MANAGEMENT
  - MARKETING
- PERSONNEL MANAGEMENT IN BUSINESS ORGANISATIONS AND STATE ADMINISTRATION
- STATE AND MUNICIPAL ADMINISTRATION

## POST-GRADUATE

- ECONOMICS AND MANAGEMENT OF THE NATIONAL ECONOMY (IN SECTORS AND SPHERES OF ACTIVITY: MARKETING, MANAGEMENT, INDUSTRY)
- FINANCE, MONEY CIRCULATION AND CREDIT
- ECONOMIC SOCIOLOGY AND DEMOGRAPHY
- SOCIAL STRUCTURE, INSTITUTES AND PROCESSES

# INSTITUTE OF LAW



Solid theoretical framework, professional knowledge in specific spheres and unique practical skills – these are the hallmarks of training at the Institute of Law, enabling its graduates to occupy their niche in the professional world. While studying young people become aware of the responsibility of their profession, i.e. upholding and enforcing law, fostering justice, and serving the public.

## DEPARTMENTS:

- Theory of State and Law and Political Studies
- Philosophy and Social Communication
- History of Russia, State and Law
- Law Enforcement Activities
- Private and Public Law
- Legal Disciplines
- Criminal Law
- Justice





## SPECIALIST'S DEGREE

- LAW ENFORCEMENT ACTIVITIES

## BACHELOR'S DEGREE

- LAW
- ADVERTISING AND PUBLIC RELATIONS

## MASTER'S DEGREE

- LAW:
  - CONSTITUTIONAL LAW. MUNICIPAL LAW
  - LEGAL POLICY IN THE RF AND EU COUNTRIES
  - CRIMINAL LAW
  - CIVIL LAW. ENTREPRENEURIAL LAW
  - COURT, PROSECUTOR AND LAWYER DEFENCE
- ADVERTISING AND PUBLIC RELATIONS:
  - ADVERTISING AND PUBLIC RELATIONS IN BUSINESS AND PUBLIC ADMINISTRATION

## POST-GRADUATE

- THEORY AND HISTORY OF STATE AND LAW. HISTORY OF STATE AND LAW STUDIES
- CONSTITUTIONAL LAW. CONSTITUTIONAL JUDICIARY PROCEEDINGS. MUNICIPAL LAW
- JUDICIARY, PROSECUTION, ADVOCACY AND LAW ENFORCEMENT

# RESEARCH AND INNOVATION

Penza State University undertakes impactful research and innovation, graduates brilliant scientists and scholars, and makes academic, scientific and technological advances. PSU contributes to the national research landscape through launching initiatives, designing inventions and establishing sustainable research and innovation partnerships.







**6** TECHNOLOGICAL PLATFORMS

**4** INNOVATION ENTERPRISES

**7** STUDENT DESIGN CENTRES

**114** STUDENT RESEARCH GROUPS

**10** STUDENT RESEARCH SOCIETIES

**10** THESIS COMMITTEES

**15** PEER REVIEWED JOURNALS

**50+** RESEARCH PROJECTS

**90+** RESEARCH CONFERENCES ANNUALLY





# RESEARCH INSTITUTE OF FUNDAMENTAL AND APPLIED STUDIES (RIFAS)

The strategic goal of the institute is to conduct fundamental and applied research on the topical issues in the development of interdisciplinary scientific fields (Information Technology, Biomedical Technology, Integrated Safety and Security, Regional Aspects in Russian Nation Building, Legal Linguistics).

## THE KEY OBJECTIVES ARE:

- conducting and coordinating fundamental and applied research aimed at acquiring new knowledge of major patterns in the performance and development of science and technology in the Russian Federation
- developing scientific fundamentals of management and seeking for new principles of addressing applied social and economic challenges
- organising research in fundamentally new fields specific to the institute
- holding and participating in scientific and practical events on topical scientific issues to exchange best practices and to gain experience

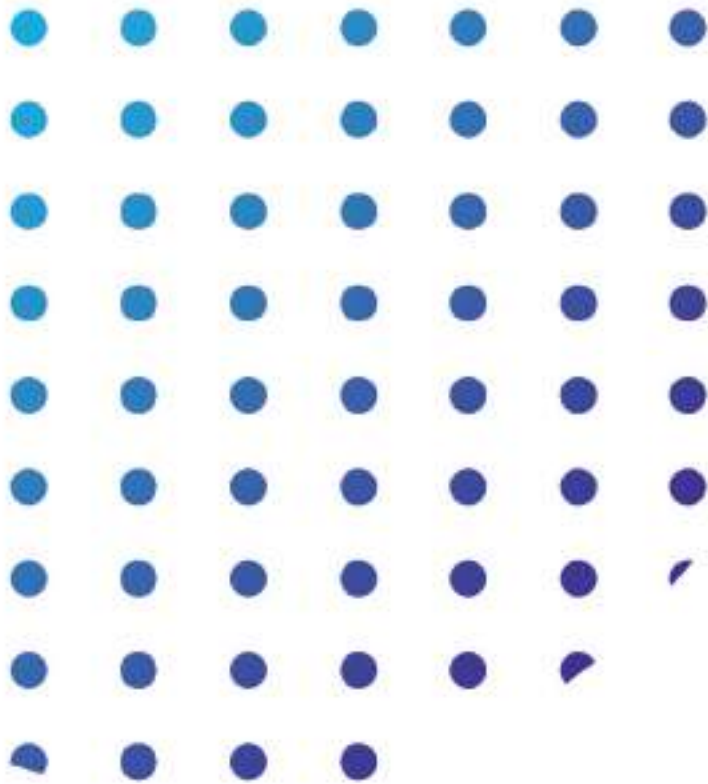
## RESEARCH PRIORITIES:

- INFORMATION TECHNOLOGY
- INTEGRATED SAFETY AND SECURITY
- APPLIED AND THEORETICAL LINGUISTICS
- BIOMEDICAL AND COGNITIVE TECHNOLOGIES
- VORTEX PROCESSES AND TECHNOLOGIES
- ARCHAEOLOGY
- NANOENGINEERING
- CONTEMPORARY JOURNALISM
- ECOLOGY AND TAXONOMY
- DATA MEASURING TECHNOLOGY
- LAW AND POLICY
- ROBOTICS
- MARKETING AND MANAGEMENT
- NATIONAL HISTORY

## THE RESEARCH INSTITUTE OF FUNDAMENTAL AND APPLIED STUDIES COMPRISES:

- Technology Transfer Centre
- Research Centres
- Multiple Access Centre
- Student Research and Production Business Incubator

and many others



### RESEARCH CENTRES

- Nanoengineering of Mechanical Engineering Products Surface
- Nonlinear and Adaptive Systems of Information Processing and Control
- Supercomputer Simulation in Electrodynamics
- Studies on Modern Federalism

### STUDENT RESEARCH AND PRODUCTION BUSINESS INCUBATOR

The incubator comprises 6 laboratories:

- Rapid Prototyping Laboratory
- Biomedical Technology Laboratory
- Information Technology Laboratory
- Physical Measurement Laboratory
- Energy-Efficient Technology Laboratory
- Transport Machine-Building Laboratory

The core activities of the incubator include production, scientific and innovative, information and educational, field-specific ones.





### **TECHNOLOGY TRANSFER CENTRE**

Founded in 2006, the Centre coordinates research, technological and innovative activity of the departments and research teams at the university and enterprises in Penza Region.

The primary goal of the centre is to facilitate rapid uptake of ideas in products and services through installing and implementing research and development results and their simultaneous application.

### **MULTIPLE ACCESS CENTRE "BIOMEDICAL TECHNOLOGY"**

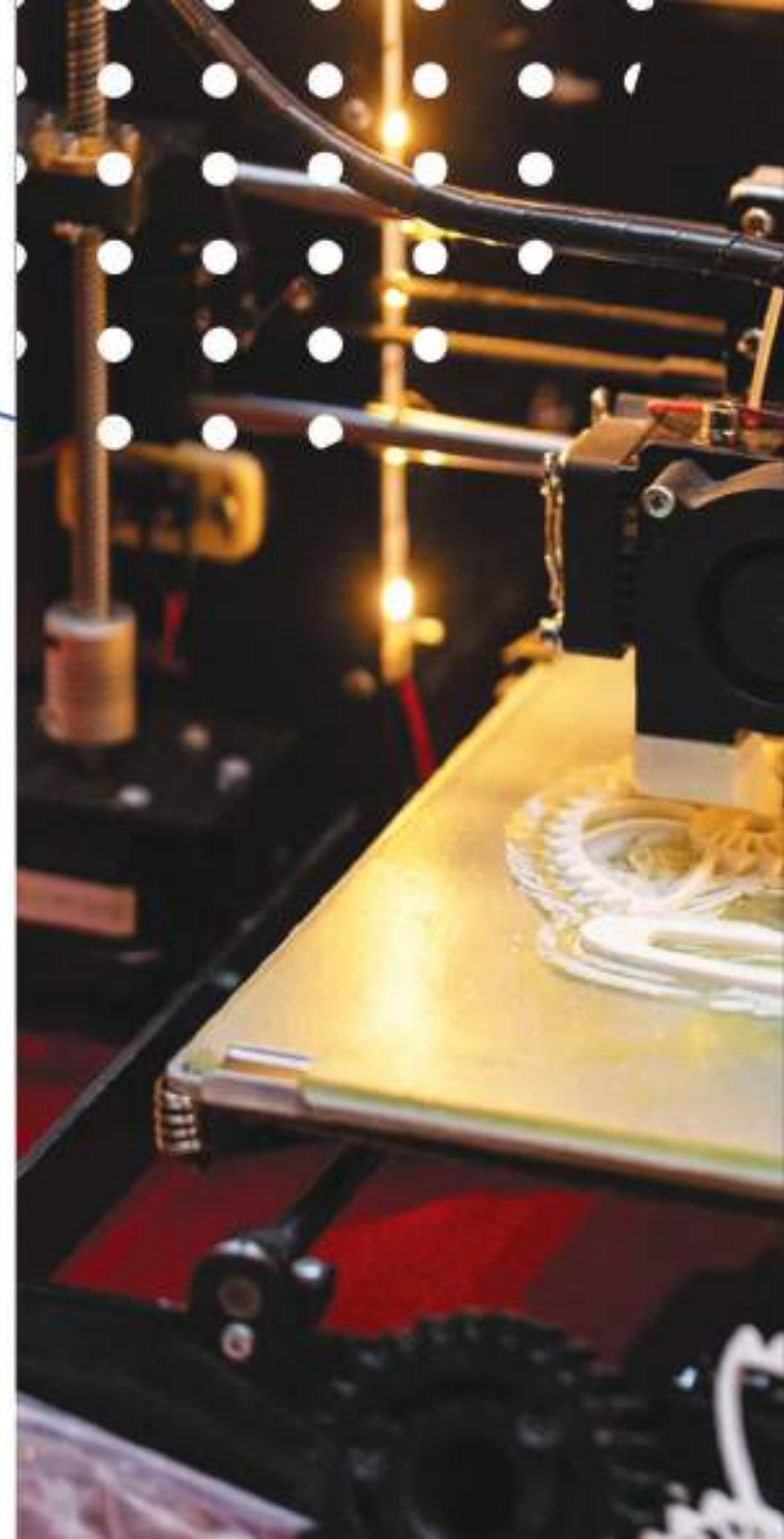
The centre is mainly focused on:

- conducting research in the priority fields of science, engineering and technology on the equipment available;
- providing services to scientists and research teams (e.g. rapid prototyping, supercomputer simulation, biochemical analysis, etc.).

Within the project "Modern Research Infrastructure of the Russian Federation", the centre entered the Russian network for multiple accesses to scientific equipment.

# TECHNOLOGICAL PLATFORMS

Penza State University is engaged in stimulating the innovative economy in Russia through its participation in the technological platforms, which are a form of public-private partnership, way of mobilising stakeholders (government, business, and academic community) and a tool for establishing research, technology and innovation policy.







**Medicine of the future** is targeted mainly at healthcare, chemical, pharmaceutical and microbiological industry, instrument engineering and electronics. It promotes the manufacturing of new high-tech products and services.



The platform "**Technologies of mechatronics, embedded control systems, radio-frequency identification, and robotics**" promotes the collaboration of its participants in joint research and products commercialisation.



**National supercomputer technological platform** focuses on high-performance computing, developing strategic research programmes, creating new products and services, increasing their competitiveness, and training personnel in high-performance computing, access and communication networks.



**Technological platform BioTech 2030** establishes the bio resources base and facilitates interaction between bio and other industries, and integrates biotechnological advances into various economic sectors.



**National space technological platform** coordinates space research and its further application in other industries, improves space technologies and creates necessary academic and innovative infrastructure.

# LIBRARY

PSU Library opens up excellent opportunities for success in learning, research and discovery to its visitors. It stimulates the aspiration to gain, extend, preserve, and disseminate knowledge.

The circulation departments, reading halls, digital resources room and an e-reading hall feature literature on:

- Natural sciences
  - Linguistics
  - Machine building
  - Russian language and literature
  - Instrument engineering
  - Pedagogy and psychology
  - Physics and mathematics
  - IT and electronics
  - Medicine
  - History
  - Social sciences
- and many other fields







**1300000+**

BOOKS AND OTHER LIBRARY  
MATERIALS COLLECTED

**900000+**

DIGITAL ITEMS

**1007700+**

STUDY AND RESEARCH ITEMS  
BORROWED BY READERS

**56000+**

READERS ANNUALLY

**75**

STAFF MEMBERS

**8**

CIRCULATION DEPARTMENTS

**6**

READING HALLS

**350+**

STUDY SEATS

**9**

DIGITAL LIBRARY SYSTEMS AVAILABLE

**200+**

EXHIBITIONS ANNUALLY

# INTERNATIONAL ACTIVITY

Penza State University is gradually intensifying its international activity in the field of education and research, mainly in terms of participating in joint research programmes and projects. PSU prioritises academic exchanges of students and staff and encourages their international activities and achievements. PSU's study programmes with international components and foreign language-taught courses attract students from around the world.

**40+** PARTNER COUNTRIES

**110+** PARTNER ORGANISATIONS

**160+** AGREEMENTS

## PSU IS LISTED IN THE FOLLOWING INTERNATIONAL RANKINGS:

- QUACQUARELLI SYMONDS UNIVERSITY RANKING IN EMERGING EUROPE AND CENTRAL ASIA
- GREEN METRIC WORLD UNIVERSITY RANKING
- QUACQUARELLI SYMONDS UNIVERSITY RANKING IN BRICS
- WEBOMETRICS RANKING OF WORLD UNIVERSITIES
- ACADEMIC RANKING OF WORLD UNIVERSITIES – EUROPEAN STANDARD
- TRANSPARENT RANKING: TOP UNIVERSITIES BY GOOGLE SCHOLAR CITATIONS



SMART

Official visit of the delegation from  
Hadhramout University (Yemen)

27.09.2019





# ERASMUS+ PROJECTS

## KA-2 STRATEGIC PARTNERSHIPS:

### **Professional Teacher Education through University Schools (PROTEUS) (2015 – 2017)**

The goal of PROTEUS is to enable key stakeholders to better integrate the academic and practical elements of teaching and learning through introducing the initiatives that promote university-school collaboration, such as university schools. This enables teacher educators, teacher mentors, and schoolchildren teachers to develop an understanding of 'new professionalism' through research and teaching practice.

### **School Adoption in Teacher Education (SATE) (2016 – 2018)**

SATE project is targeted at bridging the gap between schools and teacher education by developing an innovative model for internships that strengthens collaboration within the academic community. School adoption is a win-win situation. Being guided by a mentor, student teachers take over a school for a week and apply their academic knowledge to practice. School teachers can participate in professional development classes during this week to strengthen their skills and competences.

## KA-2 CAPACITY BUILDING IN THE FIELD OF HIGHER EDUCATION:

### **Development of Approaches to Harmonization of a Comprehensive Internationalization Strategies in Higher Education, Research and Innovation in EU and Russia, Belarus, Armenia (HARMONY) (2016 – 2018)**

Harmony project aims at contributing to the development of comprehensive internationalization strategies and their harmonization in EU and Partner Countries (Armenia, Belarus, Russia) within the framework of HEA under the main provisions of the Bologna Process through modernizing international relation management of the partner country universities and promoting academic mobility.

### **Enhancing Teaching Practice in Higher Education in RUSSIA and CHINA (ENTEP) (2018 – 2021)**

The project wider objective is to contribute to the higher education reform in Russia and China through establishing a system of sustainable professional development in higher education based on the best EU teaching practices and through the application of contemporary innovative teaching methodologies and pedagogical approaches with an emphasis on quality and regulation.





Funded by the  
Erasmus+ Programme  
of the European Union

# OTHER PROJECTS

## DISCOURSE AND PRESENTATION OF THE EUROPEAN PAST IN ONLINE MEDIA (DISKURSE UND REPRÄSENTATIONEN DER VERGANGENHEIT EUROPAS IN ONLINE-MEDIEN - DIREPA)

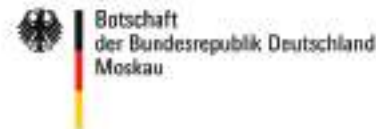
PSU implements the project together with Europa-Universität Flensburg (Germany) and University of Cergy-Pontoise (France). It is aimed at analysing the media discourse:

- Exploring the representation of Europe and its eastern neighbouring states in European online media from a science perspective
- Creating a bank of articles annually collected from European online media, which will broaden empirical knowledge of the discourse "Europe" in European journalism
- Comparing and classifying these discourses in cultural and historical aspect within the held master-classes and summer schools

## GREEN CAMPUS – GREEN CITY

PSU runs the project "Automatic system for controlling the spectral composition of light in greenhouses (a case study of the Botanical Garden at Penza State University)" with the grant support of the Embassy of Germany in Russia and under the guidance of Flensburg University of Applied Sciences (Germany). It envisages:

- Designing and implementing a system to control the growth of plants in greenhouses
- Simulating weather conditions (such as humidity, temperature, lighting) of different climatic zones employing this system
- Introducing the created system into various agricultural enterprises to operate greenhouses



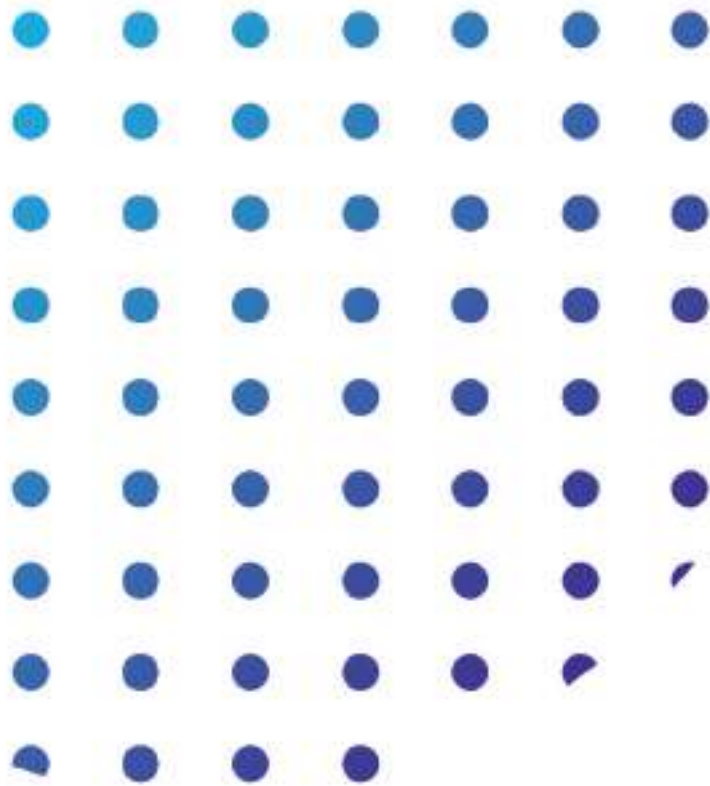




**ROSA  
LUXEMBURG  
FOUNDATION**

**ROSA LUXEMBURG FOUNDATION SUPPORTED THE FOLLOWING PROJECTS AT PSU:**

- Discrimination Potential and Mechanisms of Reproducing Gender Stereotypes
- Russian Woman between Stereotypes and Reality
- Extra-Economic Factors in the Development of the Region
- Welfare State: Current Condition, Problems and Prospects of Development
- State Policy in Education



### JOINT EDUCATIONAL PROGRAMMES

- Bachelor's degree programme "Music and Teaching Music" in cooperation with Gannan Normal University (China)
- Post-graduate programme "Computers, Computer Systems and Networks" in cooperation with Luleå University of Technology (Sweden)
- Master's degree programme "Languages, Culture, Media" in cooperation with Europa-Universität Flensburg (Germany)
- Master's degree programme "International Economics" in cooperation with Lanzhou City University (China)





## INTERNATIONAL CREDIT MOBILITY

Scholarship programmes for students include:

- Erasmus+ scholarships
- scholarship of the President of the Russian Federation to study abroad
- DAAD, PAD, Campus France scholarships to take summer language courses
- scholarships of foreign governments to attract international students
- scholarships of partner-universities and others

# INTERNATIONAL LANGUAGE EXAMS

## RUSSIAN LANGUAGE TEST CENTRE

PSU has the right to administer:

- Exam on the Russian language, Russian history, and basic Russian laws for foreign nationals who apply for work licence/work permit (the certificate is valid on the territory of Penza Region only)
- Complex exam on the Russian language, Russian history, and basic Russian laws for foreign nationals who apply for:
  - work licence/work permit
  - temporary residence permit
  - permanent residence permit
- Russian Language Test for foreign nationals applying for citizenship of the Russian Federation
- Tests of Russian as a Foreign Language to assess the level of language proficiency (elementary, basic, intermediate, advanced, proficiency, and fluency)







## ■ TESTING CENTRES IN ENGLISH, GERMAN AND FRENCH

### **English Language Test Centre (Pearson)**



The centre offers services in training for and taking the international language exam Pearson Tests of English. The developed testing materials allow assessing the English proficiency level of children (Pearson English International Certificate – Young Learners) and adults (Pearson English International Certificate).



### **German Language Test Centre (Goethe Institut)**

The centre partners with Goethe German Cultural Centre (Goethe Institut). It focuses on organising and conducting the international exam to confirm the German language proficiency level of pupils, teachers, students, academics and other applicants.



### **German Language Test Centre (TestDaF)**

PSU administers TestDaF, which is a globally recognised language proficiency exam designed primarily for those who wish to study at higher education institutions in Germany. A prerequisite for participating in the exam is proficiency in German at a level not lower than B2.



### **French Language Test Centre (DEL F, DAL F)**

The centre functions under the supervision of the Embassy of France in the Russian Federation. It offers an opportunity to assess the level of language, social and cultural competences required for communication in French and to obtain lifelong certificates.



# STUDENT LIFE

Student years entail not only attending lectures and seminars, taking exams, participating in conferences, but also devoting time to eventful extracurricular activities full of emotions and unforgettable memories. PSU has created all the conditions for creative work and development of personal abilities. Student multidisciplinary teams provide loads of entertainment, such as active recreation, communication with peers and games with children. Throughout the year, they organise and hold various events, work in summer camps on the Black Sea coast and embark on traditional ski tours in Penza Region to promote tolerance, solidarity and inclusion. PSU supports all creative initiatives of the youth. This is where the most daring ideas can turn into projects.

**150+** MASS CULTURAL EVENTS

**100+** CIVIC AND NATIONAL EVENTS

**40+** CROSS-CULTURAL EVENTS

## THE MOST SIGNIFICANT CULTURAL EVENTS ARE

- AMATEUR TALENT SHOWS "STUDENT SPRING FESTIVAL", "UNIVERVISION", "DANCES. PSU"
- KVN FESTIVAL (CLUB OF THE CHEERFUL AND SHARP-WITTED)
- INTERNATIONAL STUDENT FORUM "DIALOGUE OF CULTURES"
- YOUTH TALENT CONTEST "FRESHER"
- CULTURAL MARATHON "AROUND THE WORLD IN TWO SEMESTERS"
- BEAUTY CONTESTS "MISS PENZA STATE UNIVERSITY", "COME ON, GUYS!", "MISS WORLD FOLK QUEEN"
- NEW YEAR'S VOLUNTEERING CAMPAIGN "NEW YEAR – NEW FRIENDS!"
- CULTURAL EVENT "STUDENTS' DAY"
- INTERACTIVE AND EDUCATIONAL MEETINGS WITH PENZA SCHOOLCHILDREN "LESSONS OF FRIENDSHIP"
- MINI OLYMPIC GAMES
- PROMOTIONAL SKI TOURS OF STUDENT TEAMS









*Volunteer movement is especially popular among PSU students. Such campaigns as "Helping Hand" and "Good Deed" have become traditional. About 130 voluntary events are held annually.*



## STUDENT ASSOCIATIONS

- Established on the basis of Penza State University **International Students Association of Penza Region** is a youth student organisation that brings together foreigners studying at the higher educational institutions of Penza Region. The objectives are to enhance mutual understanding between universities administration, foreign citizens, non-profit organisations and public authorities of the Russian Federation and to promote friendship between students representing different states and nationalities.
- **Volga Educational Camp for International Students "POLIS Camp"** offers a set of events for active international and Russian students which are targeted at accelerating social adaptation of foreign citizens and their integration into the Russian student community.
- **PSU Student Council** is represented by active students from all university institutes, who are engaged in holding remarkable events (e.g. Immortal Regiment of PSU, "Universion", Fancy-Dress Ball) and arranging workshops for professional development of students.
- **Active Students School "IMPULSE"** is focused on upgrading student skills of conducting events of various levels and kinds, effective personal presentation, project introduction, successful leadership (through workshops, role-playing games, master classes, etc.).
- **PSU Tutoring Association** encourages concerned students who are always ready to help freshmen show and develop their potential for education, creativity, personal development and self-actualisation.

## VOLUNTARY WORK

### SOCIAL VOLUNTEERING

helping lonely veterans, children, mentally or physically challenged people

### BLOOD DONATION

donating blood and (or) its components for subsequent transfusion to needy patients

### CULTURE AND ART VOLUNTEERING

establishing and managing various sites in museums, libraries and parks

### PREVENTIVE VOLUNTEERING

improving the youth environment, promoting healthy lifestyle, boosting engagement in sports

### ENVIRONMENTAL VOLUNTEERING

preserving park areas in the city and region, running environmental campaigns such as "Clean City"

### EVENT VOLUNTEERING

participating in major events, e.g. festivals, forums, city projects

### MEDICAL VOLUNTEERING

assisting medical staff in medical institutions, promoting a healthy lifestyle, preventing diseases

### PATRIOTIC VOLUNTEERING

arranging public events dedicated to Victory in the Great Patriotic War and other commemorative occasions

### SPORTS VOLUNTEERING

assisting in significant sports events, e.g. the FIFA World Cup, 2014 Winter Olympics, etc.



# SPORTS

Sport at Penza State University is an essential part of the educational process. Well-organised and successfully implemented sports leisure for PSU students helps them relax and reduce stress after hard weekdays full of studies, as well as acquire useful habits, improve their mood and health, and find new friends. PSU has created a stimulating and favourable environment for advancing both high-performance sport and recreational sport among students, namely modern sports facilities, inspired and skilled trainers and coaches, and well-structured system of training.

**10+** SPORTS

**30+** SPORT CLUBS

**70+** SPORT EVENTS

**13** THOUSAND SQUARE METRES  
OF SPORTS FACILITIES

**10+** OLYMPIC CHAMPIONS  
AND PRIZE WINNERS

**20+** CHAMPIONS AND PRIZE WINNERS  
OF THE WORLD AND EUROPEAN  
CHAMPIONSHIPS

**300+** ATHLETES OF MASS TITLES

## PSU SPORTS CLUBS ARE DEVOTED TO

COMPETITIVE SKIING

ARTISTIC GYMNASTICS

BASKETBALL

SWIMMING

TRACK-AND-FIELD ATHLETICS

FOOTBALL

BOXING

CHESS

SHORT TRACK SPEED SKATING

VOLLEYBALL

WEIGHTLIFTING

TRIATHLON

AEROBIC DANCING

SAMBO

POWERLIFTING

MINI-FOOTBALL

BODY-BUILDING

TABLE TENNIS







# CAMPUS

The university is located in a quiet area, which attracts students with various cultural, religious, social and ethnic backgrounds. Penza Region has always been known for its racial tolerance as Russian, Turkic and Finno-Ugric peoples have peacefully coexisted here since ancient times. In the streets, you can often hear people speaking different languages, while Christian churches, mosques, and synagogues are close to each other.

**18** EDUCATION BUILDINGS

**7** RESIDENCE HALLS

**2** CANTEENS

CLINICAL MEDICAL CENTRE

I. I. SPRYGIN BOTANICAL GARDEN

**4** CONFERENCE HALLS

**3** EVENT HALLS

SPORTS AND CULTURE CENTRE

SWIMMING POOL

STADIUM

**6** SPORTS HALLS

**2** SKIING CENTRES

TENNIS COURT

SPORT AND FITNESS COMPLEX









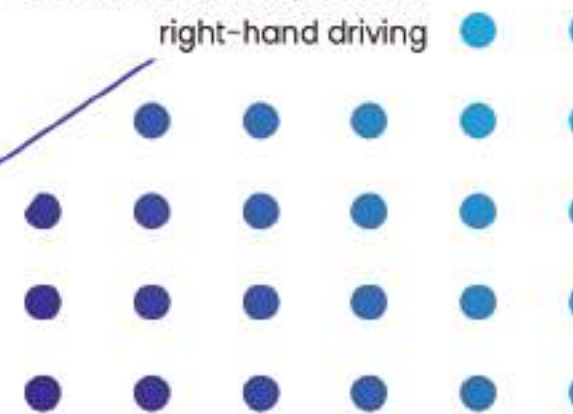
*Welcome to Penza, a city that keeps its historical traditions, but grows rapidly. It has become a hub of science and education, culture and sport. When you come to Penza, you are stunned by a welcoming atmosphere, hospitality and friendliness of local people.*



# PENZA

Penza is the administrative centre of Penza Region. It is located on seven hills on both banks of the Sura River, 625 kilometres southeast of Moscow. Surprisingly, being a part of the Volga Region, Penza is the only administrative city on in its territory where the Volga River does not flow.

<b>STATE</b>	the Russian Federation	<b>RELIGIONS</b>	Eastern Orthodoxy, Islam, Protestantism, Catholicism, Judaism
<b>TERRITORIAL ENTITY</b>	Penza Region	<b>CURRENCY</b>	Rouble (RUB)
<b>SETTLED</b>	in 1663	<b>DIALLING CODE</b>	+7 8412
<b>AREA</b>	288.5 km <sup>2</sup>	<b>POSTAL CODES</b>	440000 – 440071
<b>TIME ZONE</b>	UTC+3	<b>ELECTRICITY</b>	220V AC, standard European two-pin plugs
<b>POPULATION</b>	523 553 (2018 estimate)	<b>TRANSPORT</b>	bus, minibus, trolleybus, taxi
<b>ETHNIC GROUPS</b>	Russian, Tatar, Mordvin, Ukrainian, Chuvash, Jews, Armenian, Belorussian, Azerbaijani, German	<b>TRAFFIC</b>	right-hand driving





### **Contacts**

Address: 40, Krasnaya Street, Penza, 440026, Russian Federation

#### **Rector's office:**

tel. +7 (8412) 56 35 11

e-mail: [cnit@pnzgu.ru](mailto:cnit@pnzgu.ru)

website: [pnzgu.ru](http://pnzgu.ru)

#### **Vice-Rector's for International Affairs office:**

tel. +7 (8412) 20-28-99

e-mail: [int\\_affairs@pnzgu.ru](mailto:int_affairs@pnzgu.ru)

website: [international.pnzgu.ru](http://international.pnzgu.ru)