

KEMEROVO STATE UNIVERSITY

BRINGING TOGETHER
KNOWLEDGE & PEOPLE



Kemerovo state University was founded in **1974**. The University has gone through several stages of its development from a small provincial Pedagogical College to **one of the largest universities in Siberia**.

In 2022, Kemerovo State University became **the only university in Kuzbass** included in the **Times Higher Education World University Rankings**. Also, KemSU was included in the THE subject ranking in Natural Sciences and in the **Times Higher Education Impact Rankings**.

For the first time in 2022, KemSU entered the **UI Green Metric rating**, which measures the commitment of universities to improving environmental infrastructure, as well as promoting sustainable development and environmental protection.

The University is included in the rankings of the best universities in developing countries in Europe and Central Asia **QS EECA**, the world university ranking **EduRank**, the **Global ranking of higher education institutions Round University Ranking (RUR)**.



Today, Kemerovo State University is a **major educational, scientific and cultural center of Kuzbass educational system**. The university has developed and implemented a system of continuing education.

The **KemSU regional university complex of continuing education** consists of the central university and a network of branches located in the cities of Kuzbass. Each branch is the **center for local educational institutions**, including schools, grammar schools, lyceums and departments of postgraduate and additional education, which become **the parts of the united regional continuing education network**.



KemSU has the experience of training students from all over the world: within degree programs, exchange programs, courses of Russian as foreign languages and at the preparatory faculty for international applicants. It trains 1 150 students from 23 countries:

- ✓ **Azerbaijan**
- ✓ **Armenia**
- ✓ **Belarus**
- ✓ **Zambia**
- ✓ **India**
- ✓ **Kazakhstan**
- ✓ **Cameroon**
- ✓ **Kyrgyzstan**
- ✓ **China**
- ✓ **Latvia**
- ✓ **Cuba**
- ✓ **Syria**
- ✓ **Sudan**
- ✓ **Tajikistan**
- ✓ **Turkmenistan**
- ✓ **Uzbekistan**
- ✓ **South Korea**
- ✓ **Benin**
- ✓ **Democratic Republic of the Congo**
- ✓ **Iran**
- ✓ **Morocco**
- ✓ **Egypt**
- ✓ **Libya**





Rector

Doctor of Engineering,
Professor,
Corresponding Member
of the Russian Academy
of Sciences,
Honoured Worker of
Higher Education in the
Russian Federation



Alexander Yu. Prosekov

Field of expertise:

- ❑ Biotechnology of general and special purpose products;
- ❑ Enzymes production by using microorganisms;
- ❑ Recycling of industrial waste.



Clinical Centre for Biological Diversity Conservation

Created on the basis of KemSU, it is **the only Centre for the conservation of rare and endangered species of animals in Russia**. In addition to rare animal species, the Centre provides **veterinary assistance** to domestic pet species (cats, dogs), as well as exotic animal species (reptiles, amphibians) and birds.





Laboratory of Cytogenetics

In the Laboratory of Cytogenetics, **promising scientific research** is being conducted to study the **fields of**:

- Chromosome damage in workers of the basic industries of Kuzbass – miners, coal chemists, power engineers;
- Molecular genetics of lung cancer and cancer;
- Molecular and genetic basis of the human body sensitivity to the effects of natural gas – radon;
- Chromosome instability in Kuzbass residents non-contacting with industrial hazards (search for sources of genotoxic risk);
- Multiaberrant cells in residents of the Kemerovo region.





Laboratory of Natural Nutraceuticals Biotesting

The **fields of scientific research** conducted corresponds to the list of critical technologies of the Russian Federation:

- ❑ Biocatalytic, biosynthetic, and biosensor technologies;
- ❑ Biomedical and veterinary technologies;
- ❑ Genomic, proteomic, and postgenomic technologies;
- ❑ Cellular technologies;
- ❑ Bioengineering technologies;
- ❑ Technologies for diagnostics of nanomaterials and nanodevices;
- ❑ Technologies for obtaining and processing functional nanomaterials;
- ❑ Technologies for reducing losses from socially significant diseases.





Laboratory of Carbon Nanomaterials

The Laboratory was established in **2020** to fulfill a state task to conduct the project "**Creation of elastic electrically conductive materials based on flat grid structures and rolled grids of single-layer carbon nanotubes**". This project is financially supported by the Ministry of Education and Science of Russia.

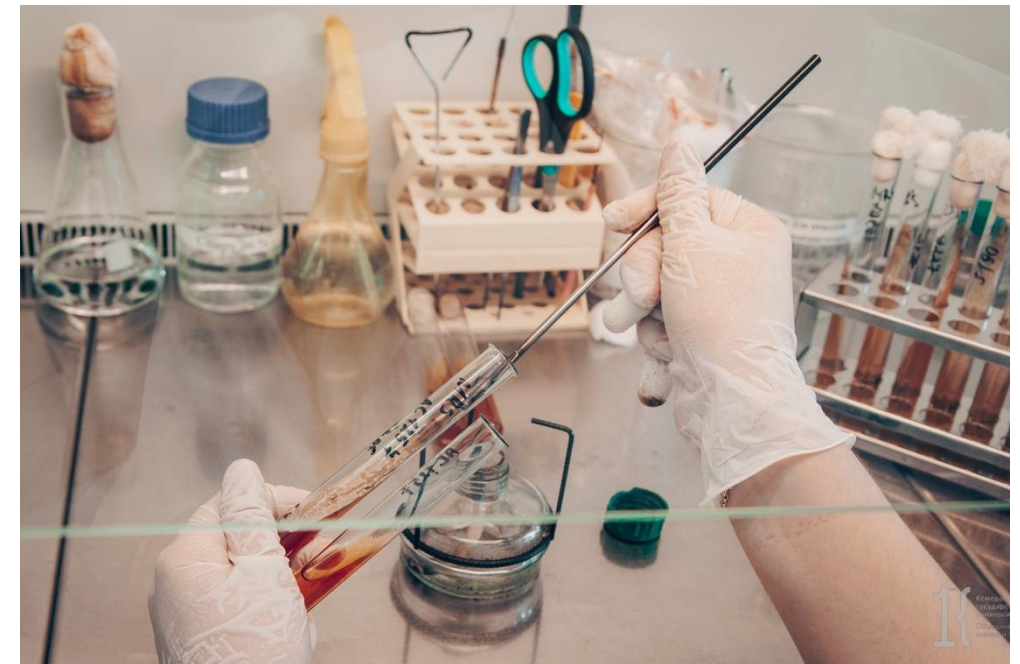
The Laboratory is supervised by KemSU graduate **Albert G. Nasibulin** – Professor of the Skolkovo Institute of Science and Technology, Doctor of Technical Sciences, Professor of the Russian Academy of Sciences.





Laboratory of Phytoremediation of Technogenically Disturbed Ecosystems

The Laboratory was established in **2021** with the funding of the national project «Science and Universities». Main research direction of the Laboratory is **creation of scientific and practical foundations for biopreparation and microbial-plant associations for the reclamation of technogenic landscapes by leveraging the adaptive potential of soil microbiota and vegetation cover in areas affected by coal mining.**





KemSU Scientific Journals



- Foods and Raw Materials** (indexed in Web of Science Core Collection)
- Food Processing: Techniques and Technology** (indexed in Scopus)
- Siberian Journal of Philology** (indexed in Web of Science Core Collection and Scopus)



KemSU research for business

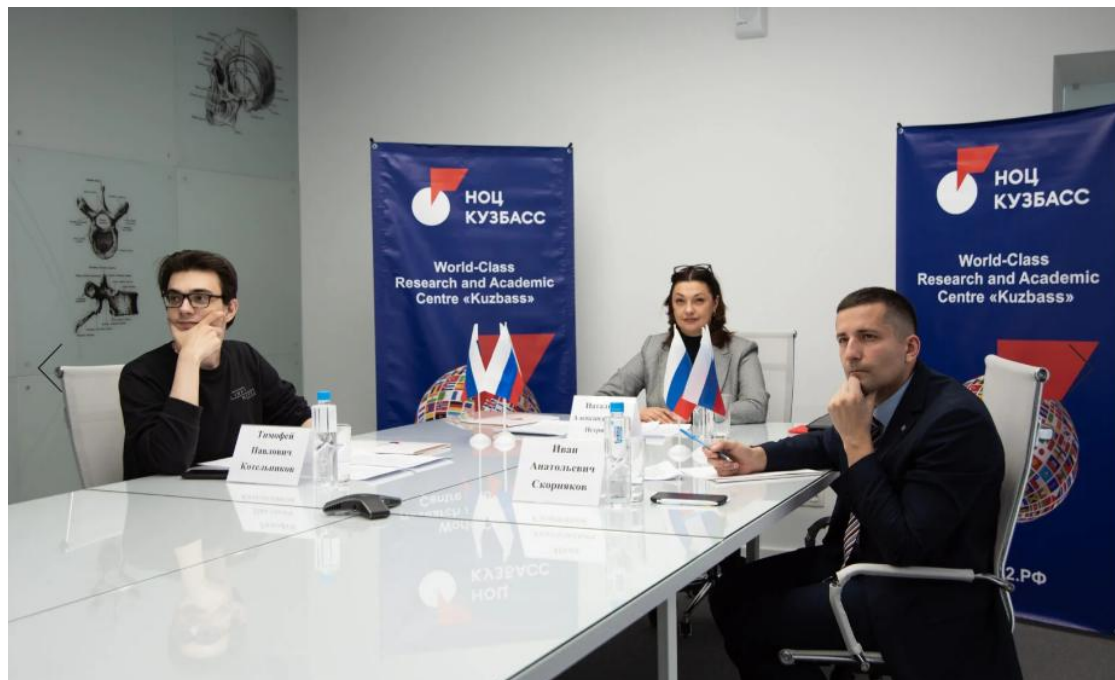
Kemerovo State University is the Executor of the State Scientific and Technical Program **“Clean Coal - Green Kuzbass”**. The purpose of the scientific program is to create a set of technologies that increase the efficiency of coal mining and processing, ensure a high level of industrial safety and ecology, reduce the risks of occupational diseases, as well as the formation of an effective system for managing the synchronization of research, innovation, production and market launch **based on partnerships between scientific organizations and business, close cooperation and collaboration of projects with leading research and production centers.**

Directions of the **KemSU scientific program**:

- complex of digital geoinformation services in the system of regional management of coal mining and transportation of coal, ensuring anti-terrorist protection of objects, analysis of the roadway
- Model range of world-class reclamation and remediation technologies on disturbed lands
- Wastewater treatment technologies at open pit coal mines



KemSU – Basic Institution of World-Class Research and Academic Centre "Kuzbass"



Kuzbass is **one of the 15 regions** chosen as **bases for world-class research and academic centres** in Russia. World-Class Research and Academic Centre "Kuzbass" develops **best practices** in the sphere of **rational, energy-saving, and sustainable development** on the basis of **intensive technologies of mineral extraction and advanced processing, cutting-edge mechanical engineering, clean energy, coal handling and storage.**



KemSU – university of the future



Kemerovo State University is among the **winners** of the competitive selection within the framework of the project of the Russian Ministry of Education and Science named **strategic academic leadership program "Priority-2030"**.

KemSU stake on the **creation of a modern environment for student learning, the construction of modern campuses, the development of health-saving technologies, and the formation of human capital**. Today, our university initiates changes and responds to the challenges of the time.

As part of the «Priority 2030» program, students are expected to move to **an individual learning plan**, create **new points of attraction**, public spaces where they can study, relax, and **launch new projects to transform our university**.





KemSU – the platform for international cooperation



International cooperation of Kemerovo State University is an open platform for interaction with foreign countries - the University has 35 agreements with foreign universities.

The international space of the University is focused on attracting foreign students, new potential partners, building an international scientific and educational dialogue, as well as promoting Russian education in accordance with modern internationalization trends. Today the University has more than 1,000 students from 23 countries.



KemSU's international activities include the development and implementation of measures to increase the international competitiveness of the University, its positioning on the international educational market as one of the leading centers of education, culture, science and innovation.



KemSU Academic Programs



Preparatory
Department

Short-term
and
Professional
Development
Programs

VET
Programs

Bachelor's
Degree
Programs

Specialist's
Degree
Programs

Master's
Degree
Programs

Exchange
Programs

- Biotechnology;
- Product Technology and Catering Management, etc.

- Veterinary Medicine;
- Medical Biochemistry, etc.

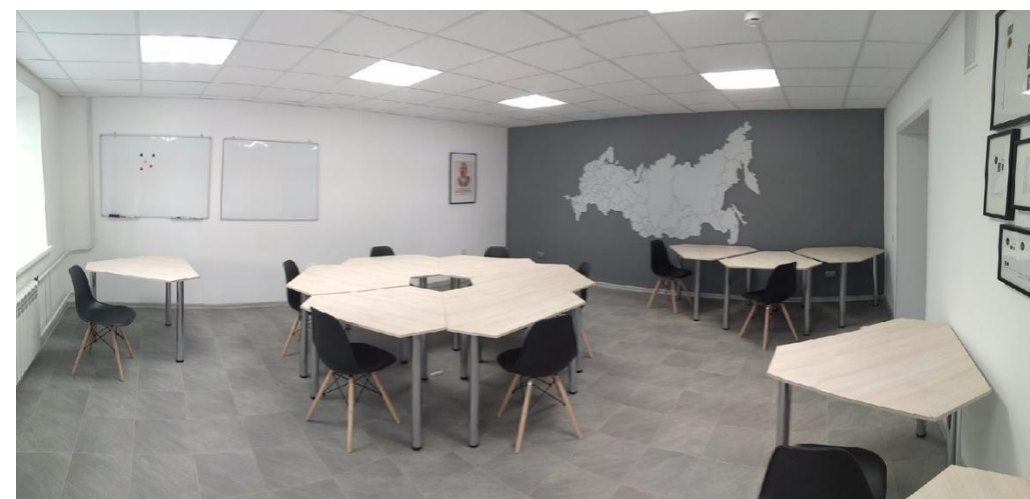
- Economic and Financial Strategy;
- Biotechnology;
- Product Technology and Catering Management, etc.



Campus

Kemerovo State University is located in Kemerovo, the **administrative centre of Kemerovo Region**, also known as Kuzbass. The university campus has **two clusters**: the **Central cluster** of the Campus is located in the centre of the city and the **Eastern cluster** of the Campus.

Both clusters have a **developed infrastructure**, which includes **modern solutions** for education, sports and recreation

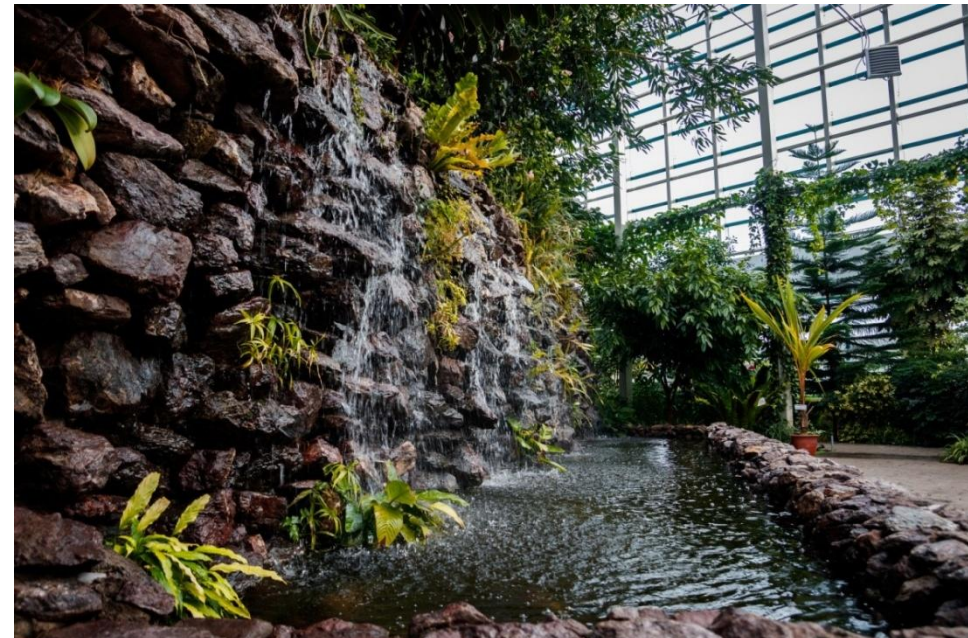




Campus

Botanic Garden

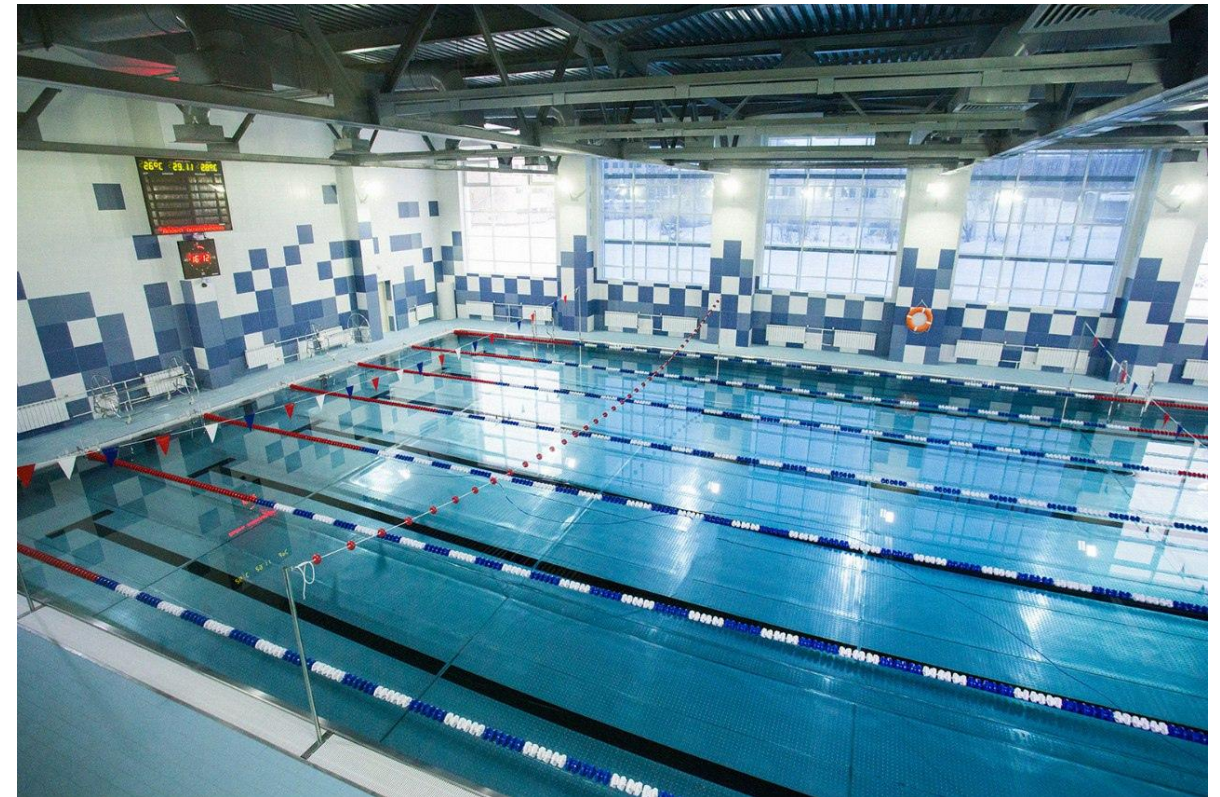
The Botanic Garden of Kemerovo State University is divided into two greenhouses. The first greenhouse has a humid tropical climate while the other has a subtropical climate. Today the **Garden's collection includes more than a thousand plants from all over the world.**





Swimming pool

The **swimming pool "Siberia"** is equipped with six lanes 25 meters long, the depth of the pool is 1.2-1.8 meters. A combined method using ultraviolet light is used to purify water, which allows you to minimize the level of chlorine. Several dozen people can work here at the same time.





Student residence

KemSU has **7 student residence buildings**. Accommodation in KemSU's student residence buildings is provided to all students coming from other countries (including exchange students) for the period of the study, and to applicants – for the entrance exam period. The residence buildings are equipped with the necessary furniture and bathroom units.

KemSU provides comfortable and safe living conditions.



Contacts

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