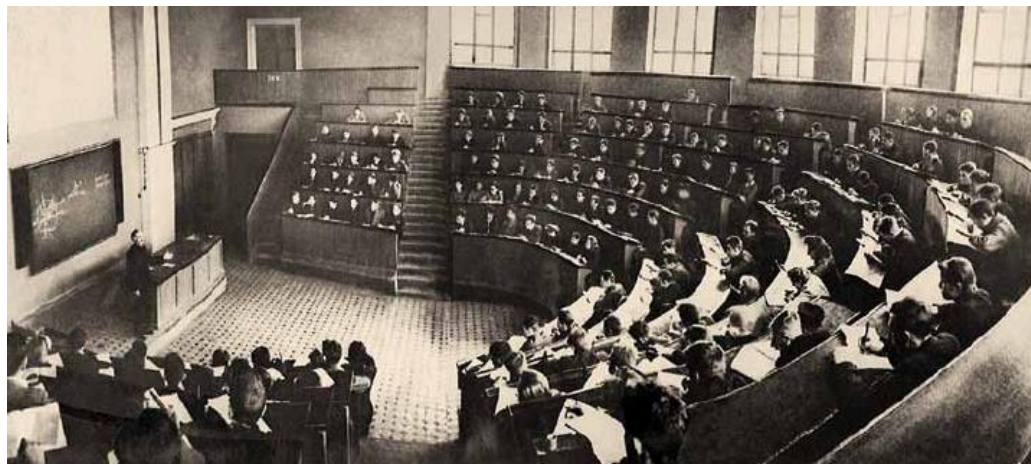




САМАРСКИЙ УНИВЕРСИТЕТ
SAMARA UNIVERSITY

SAMARA NATIONAL RESEARCH UNIVERSITY

2021, Samara, Russia



At the end of 1941 aircraft manufacturing enterprises were evacuated to our city called Kuybyshev with the intention to produce airplanes IL-2 and aircraft equipment. Kuybyshev aviation institute was established in order to prepare staff for this enterprises. The first students began to learn in October 1942. Today it is Samara University.





Sputnik launcher

Luna

Vostok





SAMARA UNIVERSITY RANKINGS PERFORMANCE

Ranking	Position
QS World University Ranking	581-590
QS Mechanical, Aeronautical & Manufacturing	401-450
QS BRICS (2019)	86
QS Emerging Europe & Central Asia	105
THE World University Ranking	1000+
THE Engineering and Technology	601-800
THE Physical Sciences	801-1000
THE Computer Science	601-800
THE Emerging Economies	351-400
Webometrics Russian Federation	21





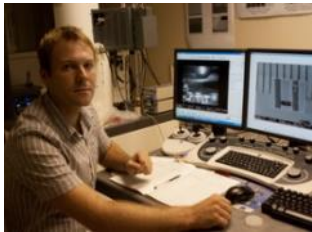
KEY CHARACTERISTICS OF SAMARA UNIVERSITY

- ❑ Total 14 000 students
- ❑ Over 1400 professors, lecturers
- ❑ 87 departments (chairs)
- ❑ Media Center with supercomputer S. Korolev
- ❑ Total area of buildings 250 000 sq. meters
- ❑ Sport complex with 2 indoor swimming pools
- ❑ Aviation & Astronautics Museum
- ❑ Aviation Engines History Center
- ❑ Training Airdrome
- ❑ 12 dormitories
- ❑ Botanical Garden



ENGINEERING

- ❑ Aerospace Engineering Institute
- ❑ Aerospace Propulsion Institute
- ❑ IT and Cybernetics Institute



NATURAL SCIENCES & HUMANITIES

- ❑ Economics and Management Institute
- ❑ Humanitarian Institute
 - Faculty of History
 - Faculty of Psychology
 - Faculty of Sociology
 - Faculty of Philological
- ❑ Institute of Natural Sciences
 - Mechanics and Mathematics Faculty
 - Biological Faculty
 - Chemical Faculty
 - Physical Faculty
- ❑ Institute of Law





Aerospace Engineering Institute

- **Mechanics and Mathematical Modeling**
- **Mechanical Engineering**
- **Applied Mechanics**
- **Aerospace Materials and Technologies**
- **Rocket Complexes and Cosmonautics**
- **Design, Production and Operation of Rockets and Space Rocket Complexes**
- **Motion Control Systems and Navigation**
- **Design and Technology of Machinery Manufacturing**
- **Technology of Transportation Processes**
- **Aerospace Engineering**
- **Aircraft and Helicopter Engineering**
- **Aircraft Maintenance**
- **Quality Control**

Aerospace Propulsion Institute

- **Power Engineering**
- **Automation of Technological Processes and Production**
- **Design and Technology of Machinery Manufacturing**
- **Aircraft Engines**
- **Design of Aircraft and Rocket Engines**

IT and Cybernetics Institute

- **Space Onboard Radioelectronic Systems**
- **Space Information Systems and Nanosatellites. Navigation and Remote Sensing**
- **GNSS receivers. Hardware and software**



SPACE RELATED RESEARCH

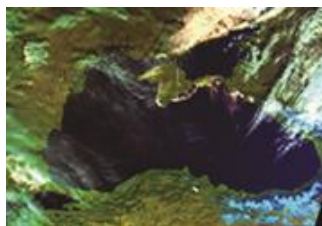
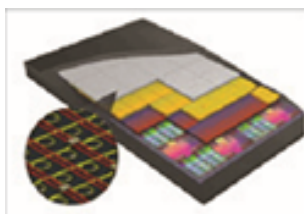
Aerospace engineering, technology and materials

- Space engineering
- Space instrumentation
- Materials science and materials technology
- Aeronautical engineering



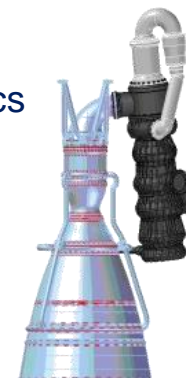
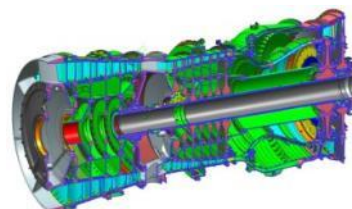
Information technology - photonics

- Image processing and computer optics
- Geoformation technology
- Nanoengineering
- Data science
- Applied and computational mathematic



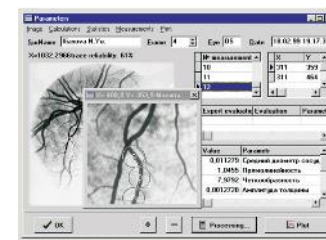
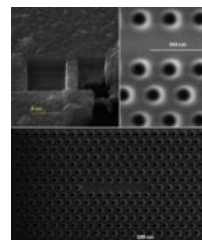
Engine engineering, machine dynamics and vibroacoustics

- Engine engineering
- System and process dynamics
- Machine vibroacoustics



Fundamental research for advanced technology

- Fundamentals of engineering
- Fundamentals of physics and mathematics
- Fundamentals of chemistry and biology
- Microelectronics
- Biotechnical and biomedical systems





INTERNATIONAL COLLABORATION

- ❑ Joint educational programs
(double degree diplomas and network programs)
- ❑ Joint R&D projects
- ❑ Summer schools
- ❑ Inviting international honorary professors
and hosting lectures
- ❑ International conferences, symposiums
- ❑ Joint MOOC on international platforms





САМАРСКИЙ УНИВЕРСИТЕТ
SAMARA UNIVERSITY

Thank you
for your kind attention!

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