



Kazan Federal
UNIVERSITY

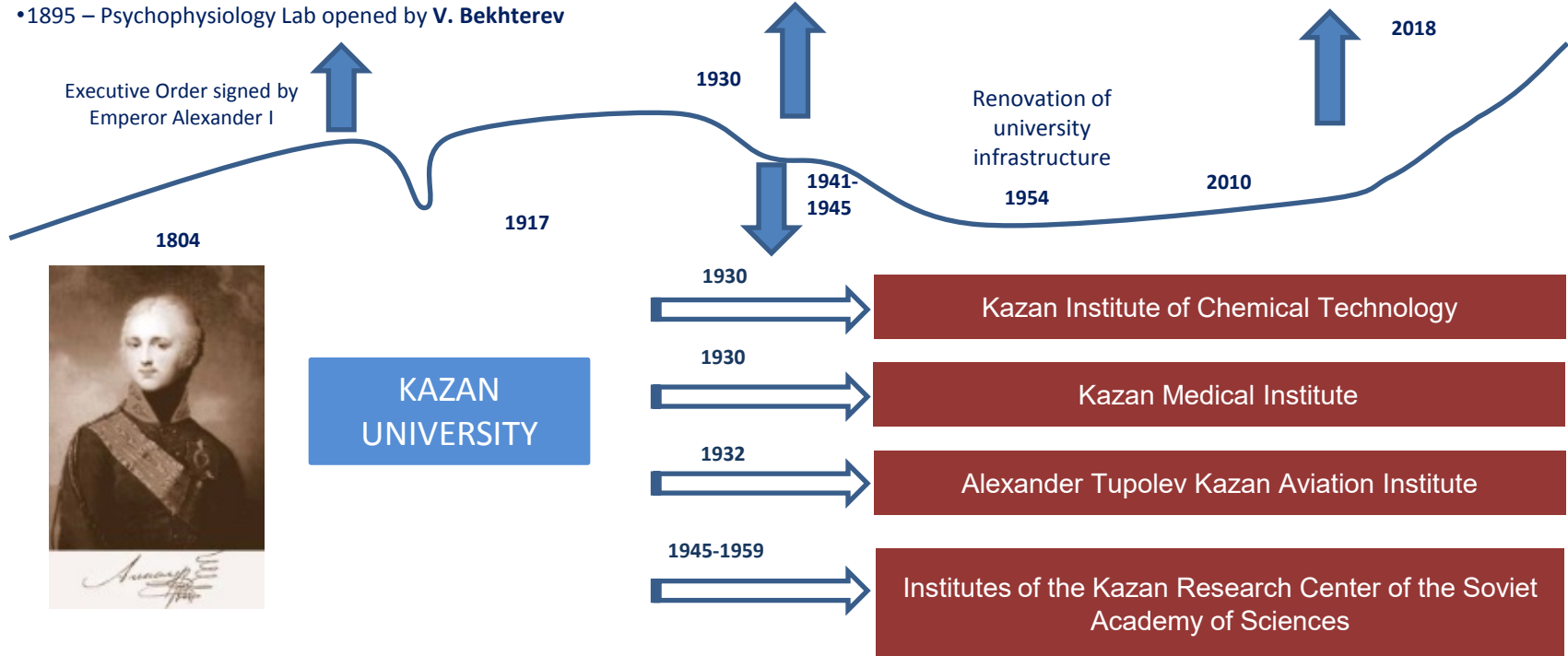
KAZAN UNIVERSITY: DEVELOPMENT MILESTONES



- 1826 – **Nikolai Lobachevsky's** non-Euclidean geometry
- 1830 – **Christian Frahn** and Oriental Department
- 1844 - Ruthenium discovered by **Karl Claus**
- 1861 – Organic compounds theory by **A. Butlerov**
- 1895 – Psychophysiology Lab opened by **V. Bekhterev**

Soviet Academy of Science evacuated from Moscow and Leningrad. In 1944, **Yevgeny Zavoisky** discovered paramagnetic resonance.

Kazan Federal University was established and started implementing large-scale development programs



KAZAN FEDERAL UNIVERSITY 2010 - 2018



Medical facilities

2016



Kazan Branch of the
Russian University of
Economics

2015



Lobachevsky Lyceum

2013



Academy of
Public
Administration

2010



Kazan State University

2012



IT Lyceum



Kazan State
Institute of
Economics and
Finance

2012



2010



Pedagogical universities of Kazan and Yelabuga

2012



Kama Academy
of Engineering
and Economics

KAZAN FEDERAL UNIVERSITY

Based on 7 higher education institutions and 3 medical institutions

Over 44 000 students



**33 035 bachelor degree students,
6 275 master degree students,
2 232 specialist degree students,
1 236 doctoral students**

**7 000 international students
from 94 countries**



**370 universities and research
centers-partners from 63 countries**

**14 institutes, 1 faculty,
2 higher schools, 2 lyceums,
University clinic**



10 278 employees, academic staff – 4040
Average age of the academic staff member – 44 years
Average salary of the academic staff member – 65 252 rub.

**299 bachelor degree programs,
19 specialist degree programs,
262 master degree programs,
101 doctoral degree programs**



**885 000 m² infrastructure
726 real estate items
100 landplots (245 ha)**

SCIENTIFIC AND ACADEMIC STRUCTURE OF KFU

NATURAL SCIENCES UNITS

- ❑ Institute of Fundamental Medicine and Biology
- ❑ Institute of Environmental Sciences
- ❑ Institute of Geology and Petroleum Technologies
- ❑ Alexander Butlerov Institute of Chemistry
- ❑ University Clinic

BRANCHES

- ❑ Naberezhnye Chelny Institute (**engineering** profile)
- ❑ Elabuga Institute (**humanitarian** profile)

PHYSICS&MATHEMATICAL UNITS

- ❑ Nikolay Lobachevsky Institute of Mathematics and Mechanics
- ❑ Institute of Physics
- ❑ Institute of Computer Mathematics and Information Technologies
- ❑ Higher School of Information Technologies and Information Systems
- ❑ Institute of Engineering

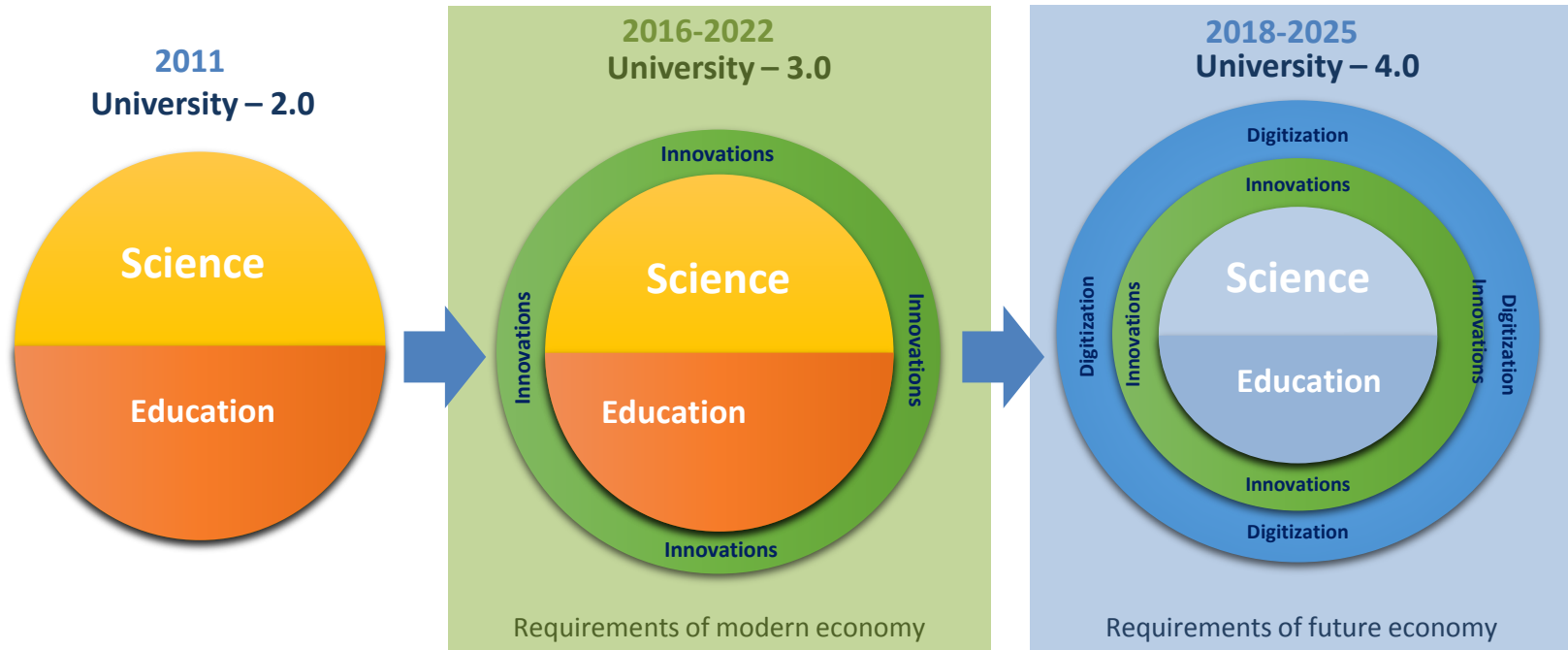
Lyceums

- ❑ Nikolay Lobachevsky Lyceum
- ❑ IT Lyceum

HUMANITARIAN UNITS

- ❑ Institute of International Relations
- ❑ Faculty of Law
- ❑ Leo Tolstoy Institute of Philology and Intercultural Communication
- ❑ Institute of Social and Philosophical Sciences and Mass Communications
- ❑ Institute of Psychology and Education
- ❑ Institute of Management, Economics and Finance
- ❑ Higher School of Public Administration
- ❑ Higher School of Business
- ❑ Faculty of Advanced Training and Staff Retraining

UNIVERSITY MODEL TRANSFORMATION



Technology transfer ground

Oil test sites	University Clinic	Pilot production centers	Lyceums	Engineering centers	Training centers	...
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UNIVERSITY 4.0 MODEL

Digitization

Education

Research and development

Management

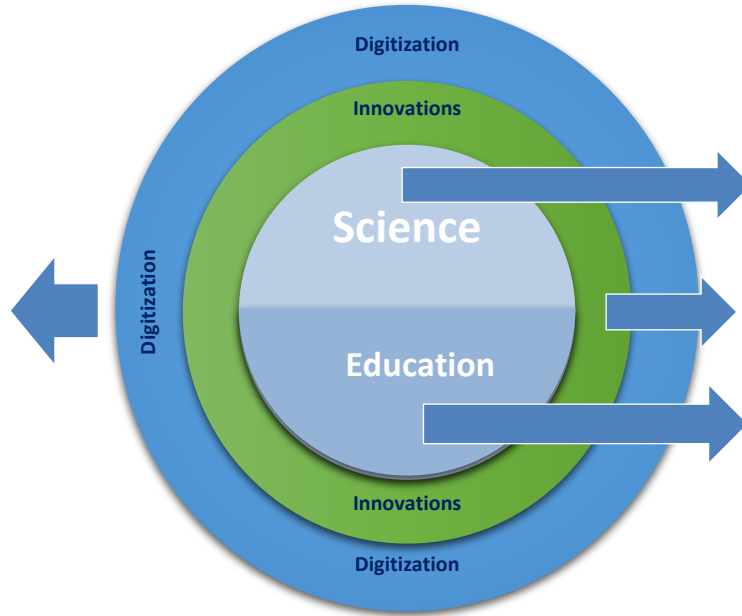
Infrastructure

What will it provide us with?

Development of e-learning

Decrease in classroom hours load in education

Opportunity to concentrate more on breakthroughs



MAJOR TRENDS IN IV INDUSTRIAL REVOLUTION

PHYSICS UNIT

Unmanned transport

3D-printing

Advanced robotics

Advanced materials

DIGITAL UNIT

Internet of things

Big Data

BIOMEDICAL UNIT

Genomic and proteomic technologies

Bioprinting

UNIVERSITY PRIORITIES



**Project
"Translational
Medicine"**



**Project "Astro-
challenge"**

2010

2011

2012

2013

2014

2015

2016

2017

2018

2019

2020



"Eco Oil" Project



**Project "Teacher
of the 21st
century"**

INTERNATIONAL RATINGS



Linguistics 101-150

Contemporary Linguistics 151-200

Archeology 151-200

Pedagogy 201-250

English Language and Literature 201-250

Mathematics 301-350

Economics and Econometrics 351-400

Physics and Astronomy 351-400

Chemistry 451-500



Education 101-125

**Social sciences
301-400**

Arts and Humanities 201-250

Physics 301-400

Life Sciences 501-600

COOPRATION BETWEEN KFU AND THE ISLAMIC REPUBLIC OF IRAN



PARTNERS

- University of Tehran (2018)
- Ferdowsi University of Mashhad (2018)
- Sharif University of Technology (2018)
- Recruitment company «Andisheh Yaran Javan» (2017)
- University of Tehran (2016)
- Ferdowsi University of Mashhad (2016)
- University of Tabriz (2015)
- Shahid Beheshti University (2014, 2015)
- Sharif University of Technology (2014)
- Tarbiat Modares University (2014)
- National institute of genetic engineering and biotechnology (2014)
- Saadi foundation (2014)



COOPRATION BETWEEN KFU AND THE ISLAMIC REPUBLIC OF IRAN



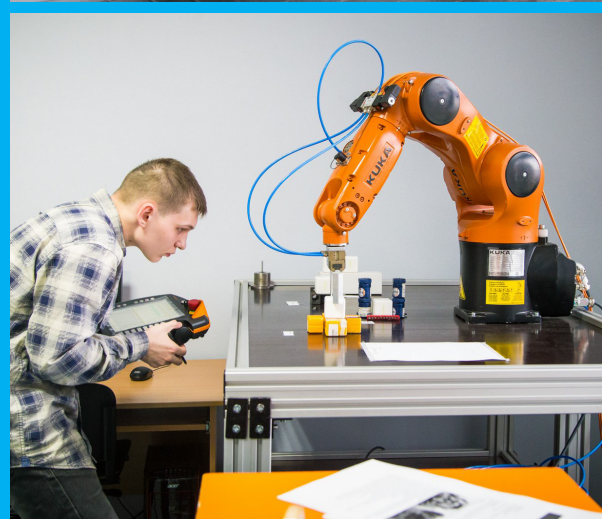
EDUCATION OF IRANIAN CITIZENS AT KAZAN FEDERAL UNIVERSITY

Bachelor programs	Master programs	Postgraduate programs	Speciality programs	Department of Pre-University Education
1	7	11	135	23
Total	177 students			



Kazan
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university

Naberezhnye Chelny
INSTITUTE





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Naberezhnye Chelny
INSTITUTE

5 faculties (of automobile industry, of power engineering and IT development, civil engineering, law, social and humanitarian, economics)



Vocational College of Engineering and Economics

9 educational buildings

KFU Engineering Centre

4 Graduate degree programs

38 Undergraduate programs

15 Master's degree programs

21 Postgraduate programs

13 programs for vocational education

Doctoral dissertation Council

Centre of Chinese Culture named after Confucius

Additional Education Centre

Comfortable hostels

Library (400 thousand volumes)

The recreation centre «Dubravushka»





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Naberezhnye Chelny
INSTITUTE

FACULTY OF AUTOMOBILE INDUSTRY

Information Systems and Technologies*

Power Engineering

Mechanical Engineering *

Design-engineering of machine building

Materials Science and Technology
of Materials *

Service *

Technology of Transport Processes*

Ground Transportation and Technological
Complexes

Operation of Transport and Technological
Machines and Complexes *

Innovation

Quality management

Design

* extra-mural education provided



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INSTITUTE

FACULTY OF POWER ENGINEERING AND IT DEVELOPMENT

Applied Mathematics and Informatics *

Technological Machines and Equipment*

Automation of Technological Processes *

Electric Energy Industry and
Electric Technology*

Informatics and Computing*

Program Engineering *

Heat and Power Engineering and
Heating Technology

Mechatronics and Robotics*

Refrigerating and cryogenic
engineering and life-support systems

System Analysis and Management

- extra-mural education provided



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CIVIL ENGINEERING FACULTY

Construction *

Technosphere Safety

Land management and cadasters

Our address:

**E.Batenchuk Street,16 (9/10)
«Studencheskaya» bus stop**

Phone.: +78552 71-24-03



* extra-mural education provided



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university

Naberezhnye Chelny
INSTITUTE

FACULTY OF ECONOMICS

Economics *

Management *

HR Management *

Public and municipal administration*

Business Informatics*

Economic Security*

Tourism*

Applied Informatics*

Our address:

Mira Avenue, 68/19 (1/18),

«Puppet-show» bus stop

or «Molodezhnaya»

Phone.: +78552 39-29-61



* extra-mural education provided



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federal
university

Naberezhnye Chelny
INSTITUTE

FACULTY OF LAW

Jurisprudence *

Customs Law and Management *

Our address:

Suembike Avenue, 10 A
(11/29)

«Universitetskaya» bus stop

Phone: +78552 58-12-91



* extra-mural education provided



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Naberezhnye Chelny
INSTITUTE

SOCIAL AND HUMANITARIAN FACULTY

Journalism*

Advertising and public relations

Linguistics *

Translation and interpretation studies

Psychology *

Service *

Politology *

Our address:

**Mira Avenue, 1/15,
«Puppet-show» bus stop
or «Molodezhnaya»
Phone.: +7 8552 38-47-98**

* Extramural study is available

Naberezhnye Chelny



We invite you to study at Naberezhnye Chelny branch of Kazan Federal University!

Here you will find fast progressing, youth-friendly city, industrial giant of KAMAZ, best opportunities of study and social life! Become one of thousands of students that learn, make researches and develop projects at one of the biggest and advanced engineering institutes of Tatarstan!

Today Naberezhnye Chelny Institute is the largest higher education institution of Kama region. It offers a wide range of educational programs in Engineering, IT, Materials, Design, Civil Engineering, Economics, Management, Law, and Social Sciences. The Institute is a leader in training engineers for Automotive Engineering, Mechanical Engineering and Energetics



Kazan
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Elabuga INSTITUTE

120th
anniversary
1898 • 2018





Kazan
federal
university

Elabuga INSTITUTE

120th
anniversary
1898 • 2018



over
4 700
students



895
foreign
students



157
teachers

70.1%
have scientific
degrees

Humanitarian education

43

Bachelor
programmes

8

Master
programmes

9

Post-graduate
programmes



+ Classical
education in
physics and
mathematics



Special Programmes for Foreign Students



Kazan
federal
university

Elabuga INSTITUTE

Learning Russian as a foreign language

2 weeks

Cultural and educational internship in intensive study of the Russian language for young people aged 16-27

Studying in Elabuga

Trips to Kazan, the capital of the Republic of Tatarstan

Inclusion into profile shifts

- Fascinating classes with teachers of the institute in spacious modern classrooms
- Participation in cultural and sporting events

Training foreigners to master professional educational programmes

12 months

Term 1 – Russian Language
Term 2 - subjects of the natural science cycle (biology, chemistry, physics)

Russian language courses for foreign citizens beginning with level A2

6 months



Online learning of
Russian

RuStart

Kazan Federal University

- One of the largest centers of pedagogical education in Russia.
- The only classical university in Russia with a high proportion of teacher education programs.
- Included in the group of leaders in terms of the quality of enrollment of the enlarged groups of specialties "Education and Pedagogical Sciences".
- Trains teachers in all subject areas.
- Implements programs of teacher education at all levels

MODELS OF PEDAGOGICAL EDUCATION

Traditional Model

Improving personnel, laboratory and information base by attracting resources of the parent university, creating conditions for the mobility of teachers and students.

Distributed model

Aggregation of the capabilities of a classical university (fundamental training) and a pedagogical university (psychological, pedagogical and methodical training).

Integrative model

Variable opportunities for students and graduates of non-pedagogical areas of training and continuing education to enter the profession of a teacher.

Project “Teacher of the 21st century”



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Main research directions:

- Innovative technologies in polycultural education;
- Man and digital environment;
- Comparative and interdisciplinary studies in education;
- Psychological and pedagogical factors of developing children's and adolescents' technical talents

2017

Total Number of Articles - 159

including Scopus - 82 (Education - 8)

including Q1 - 2, Q2 - 2, Q3 - 52

including Web of science - 70

2018

Total Number of Articles - 101

including Scopus - 87 (Education - 43)

including Q1 - 6, Q2 - 61, Q3 - 14

including Web of science - 14



INTERNATIONAL SCHOOLTEACHERS FESTIVAL

The goal of the Festival is to broadcast innovative educational practices of school teachers in Russia and abroad.

An international project that has received worldwide recognition of the teaching community since 2010. It takes place with the support of the Government of the Republic of Tatarstan, the Ministry of Education and Science of the Republic of Tatarstan.



The festival brought together more than 30 countries, more than 5,000 professionals whose experience has been implemented in the daily practice of teachers from different countries, as well as leading universities in Russia and the world.

Welcome to the 10th Festival in August 2019!

COOPRATION BETWEEN ELABUGA INSTITUTE OF KFU AND THE ISLAMIC REPUBLIC OF IRAN



Kazan
federal
university

Elabuga INSTITUTE



2017/18

32
people

2018/19

6
people

Out of whom 21
people entered KFU

From the cities: Tabriz, Larestan, Anbarabad,
Mashhad, Yazd, Tehran, Jiroft, Boerahmad, Shiraz,
Amol, Shemiran, Shahrabak, Estakhban, Kum,
Sirjan, Negede, Karaj, Shush

Elabuga



A unique city, where the millennial historical heritage together with a developing university and the special economic zone “Alabuga” gives impetus for further development and prosperity



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E-mail: chelny@kpfu.ru

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Tatarstan Republic, 423812

Elabuga Institute

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Tatarstan Republic, 423600

