



# **JIZZAKH POLYTECHNIC INSTITUTE**

STRENGTH IS IN KNOWLEDGE





Rector of Jizzakh Polytechnic Institute  
Alisher Kadirkulovich Usmankulov

During its activity, our institute has trained thousands of highly qualified specialists who successfully work both in Uzbekistan and in the countries of near and far abroad. Achieving high results in various fields of activity, the graduates of the institute occupy leading positions in the technical field, politics and economics, business and science. Among our graduates are well-known engineers, technologists, economists, deputies, heads of major business structures, well-known public figures.

The realities of the modern world are such that today strategic tasks, both in the educational process and in extracurricular activities, come to the formation of not only professional competencies, but such personal qualities as civic maturity, patriotism, a sense of responsibility, leadership qualities, general culture. ... In other words, those qualities that form "enlightened figures who love their country, believe in its inexhaustible strength and are able to see the fulfillment of a great duty in everyday practical work."

Throughout the years of its activity, our Institute has been providing students with a quality education. We carefully preserve the traditions of the national higher education, at the same time, we are actively developing, following the advanced trends in the field of education.

## A FEW WORDS ABOUT WHY YOU MUST VISIT JIZZAKH REGION



Jizzakh region is located between Tashkent and Samarkand, in the Sanzar river valley. The region is located at the foot of the Nuratau mountains. Once it was an oasis through which the Silk Road passed. In Jizzakh region, mountains, steppe and desert landscapes are uniquely combined. Today, Jizzakh region is a thriving region, where centuries-old traditions are closely intertwined with modern technologies.



## THE HISTORY OF THE INSTITUTE

Jizzakh Polytechnic Institute was founded in 1992 on the basis of the Jizzakh branch of the Tashkent Institute of Architecture and Civil Engineering.

At the initiative of A. Usmankulov, several changes were made in the structure of the institute.

New faculties:

- ✓ Service
  - ✓ Energetics and radio electronics
  - ✓ Engineering of Building Materials
- were created. In addition, eleven new departments were created.

Over the past five years, 18 new areas of bachelor's degree, 10 new specialties of master's degree have been opened at the institute, the total number of students has increased to 11 000. From 2017 to the present day Undergraduate 8318, Master 224, Doctor 18, Joint Education Programs 106, Professors 9, Associate Professors 104, PhD/DsC Holders 144, Senior Lecturers 118, Assistant Lecturers 131 and Total 384. the number of defended theses of doctors of science (DsC) and doctors of philosophy (PhD) has increased fivefold. To date, 25 teachers of the institute are studying at targeted doctoral studies, more than 100 teachers conduct scientific research as applicants.



## Jizzakh polytechnic institute



**Alisher Usmankulov**  
**Rector**



**Sanobar Eshbekova**  
**Vice-Rector for Youth Affairs and  
Spiritual and Educational Affairs**



**Makhsudjon Ochilov**  
**Vice-Rector for Academic Affairs**

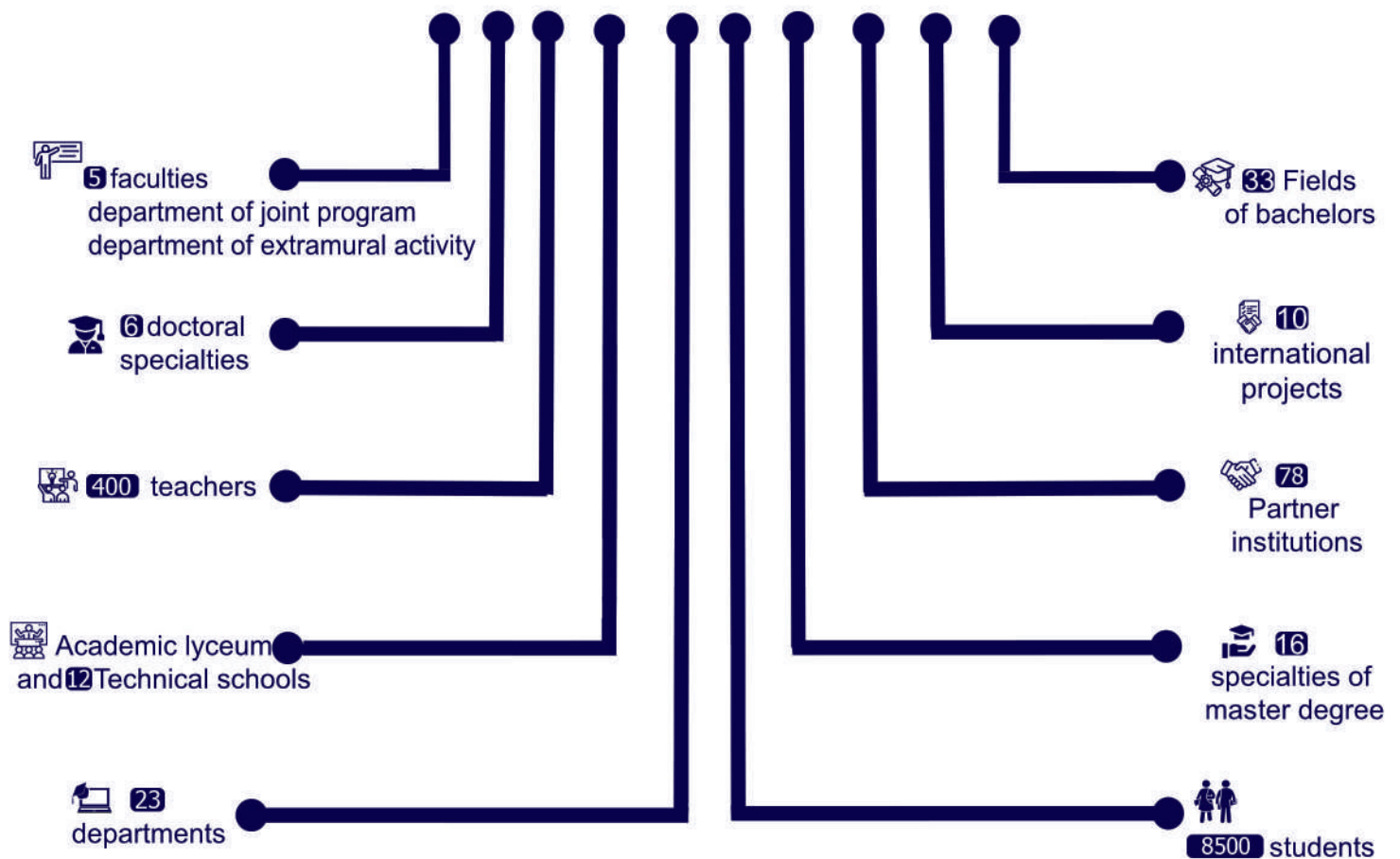


**Jamshid Abdunazarov**  
**Vice-Rector for Research  
and Innovation**

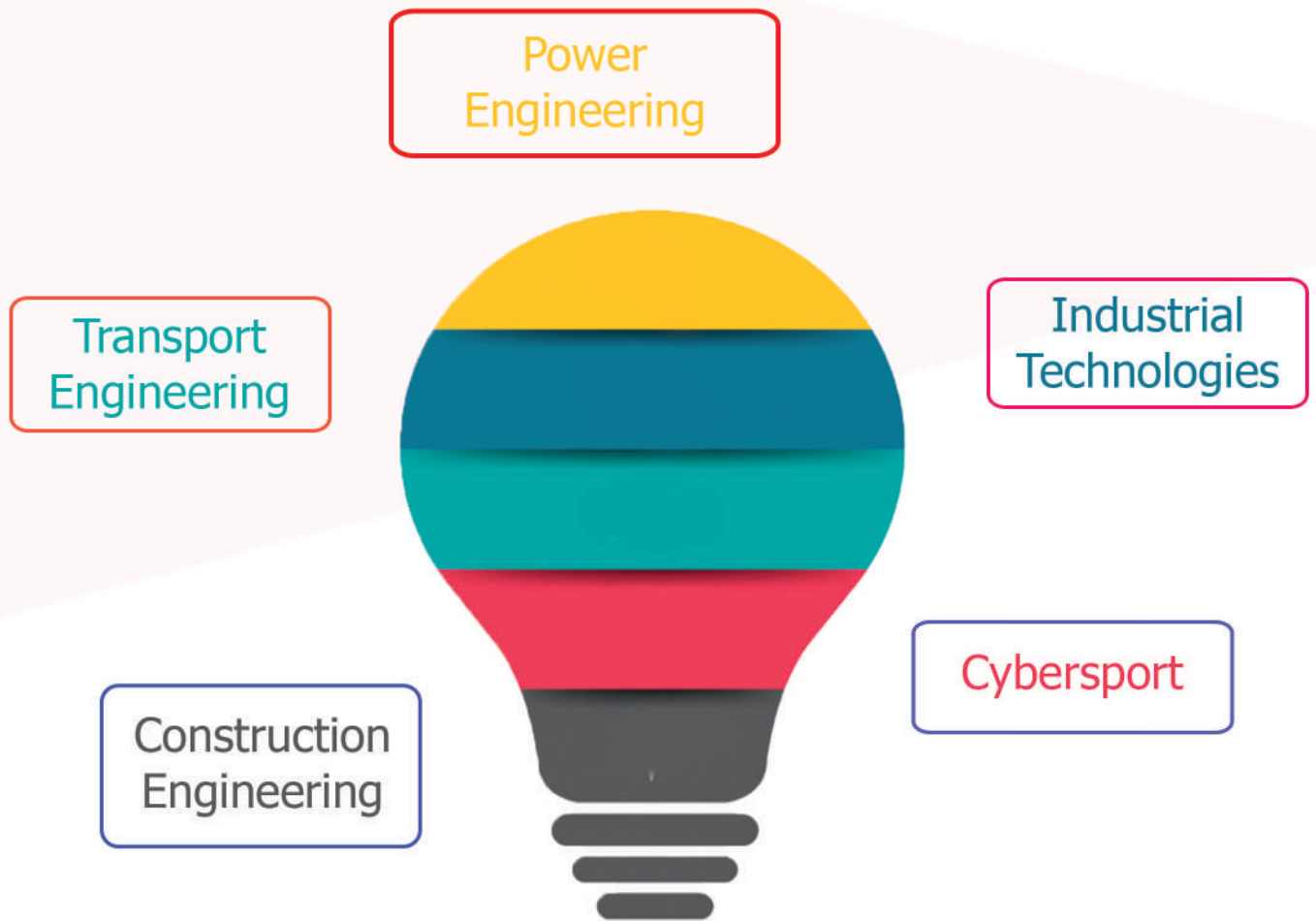


**Yorqinbek Rajabov**  
**Vice-Rector for Finance  
and Economic Affairs**

**TODAY**  
**JIZZAKH POLYTECHNIC INSTITUTE**



## Institute faculties



# Departments of institution



## Special departments

- Vehicle Engineering
- Road engineering
- Cons truction of buildings and s tructures
- Architectural design
- Building materials and s tructures
- Engineering Communication
- Ecology and environmental protection
- Chemical Technology
- Rproducing of knitwear
- Primary processing of natural fibers and fabrics
- Processing of food and agricultural products
- Communications of Engineering
- Electrotechnology
- Radio electronics
- Metrology and s tandardization
- Transport logis tics
- Professional education
- Economics and Management
- Automation and control of production processes

## General education departments



- General technical disciplines
- Engineering and computer graphics
- Higher mathematics
- Physics
- Chemis try
- Uzbek language and literature
- Social disciplines
- Foreign languages
- Physical education



## FIELDS OF BACHELOR IN SPHERE OF TRANSPORT



Accounting and audit



Engineering technology and automation of mechanical engineering of solid production



Agricultural mechanization



Technological machines and equipment (by industry)



Engineering of transport funds



Automotive and tractor construction



Transport logistics



Management



## FIELDS OF BACHELOR IN THE SPHERE OF CONSTRUCTION



Road engineering



Construction of buildings and structures



Architecture



Production of construction materials, products and structures



Construction and installation engineering communications



Technology of wall and facing building materials



Production of precast concrete and concrete structures and products



Materials science and technology of new materials (construction)



Water supply and sewerage system design and exploitation



## FIELDS OF BACHELOR IN SPHERE OF INDUSTRY

-  Chemical technology
-  Storage technology and primary processing of agricultural products
-  Food technology
-  Oil and oil-gas processing technology
-  Primary processing of natural fibers
-  Technology and designs of light products industry
-  Ecology and protection environment
-  Labor protection and safety engineering



## FIELDS OF BACHELOR IN SPHERE OF POWER ENGINEERING

-  Power engineering
-  Electrical engineering
-  Electrical engineering, electromechanics and electrotechnology
-  Electronics and instrumentation
-  Electronic equipment and system
-  Automation and control of technological processes
-  Metrology, standardization and quality management products
-  Professional training



## MASTER'S SPECIALTIES

- Technology of storage and primary processing of agricultural products
- Engineering communication systems, construction and installation (by type)
- Theory and methods of professional education (by specialties)
- Technology of primary processing of cotton and seed preparation
- Management (by industries and sectors)
- Ground vehicles and systems (by mode of transport)
- Automobiles and automobile industry
- Metrology, standardization and quality management
- Energy saving and energy auditing
- Chemical resistance and corrosion protection of materials
- Intelligent transport systems
- Textile technology (by product type)
- Construction of buildings and structures
- Highways and airfields
- Technology of production of building materials, products and structures

## SPECIALTIES OF DOCTORATE

-  Theory and methodology of vocational education
-  Technology of inorganic substances and materials based on them
-  Wheeled and tracked vehicles and their applications
-  Technology of textile materials and primary processing of raw materials
-  System analysis, management and information processing
-  Building materials and products
-  Heat supply. Ventilation, air conditioning. Gas supply and lighting
-  Renewable energy devices

## ADVANCED AUTOMOTIVE ENGINEERING SCHOOL

The Advanced Automotive Engineering School, established in 2025 with \$1 million investment from UzAutoSanoat and BYD Uzbekistan Factory, trains a new generation of engineers. trains the next generation of engineers through a dual education model.



## SCIENTIFIC AND PRACTICAL CENTER FOR RENEWABLE ENERGY RESEARCH

The Scientific and Practical Center for Renewable Energy Research, established with an investment of nearly \$1 million, produces up to 5,000 silicon-based solar panels per month, supplying customers throughout Uzbekistan. More than 50 students and young researchers, guided by over 10 professors, are engaged in innovative projects at the center.



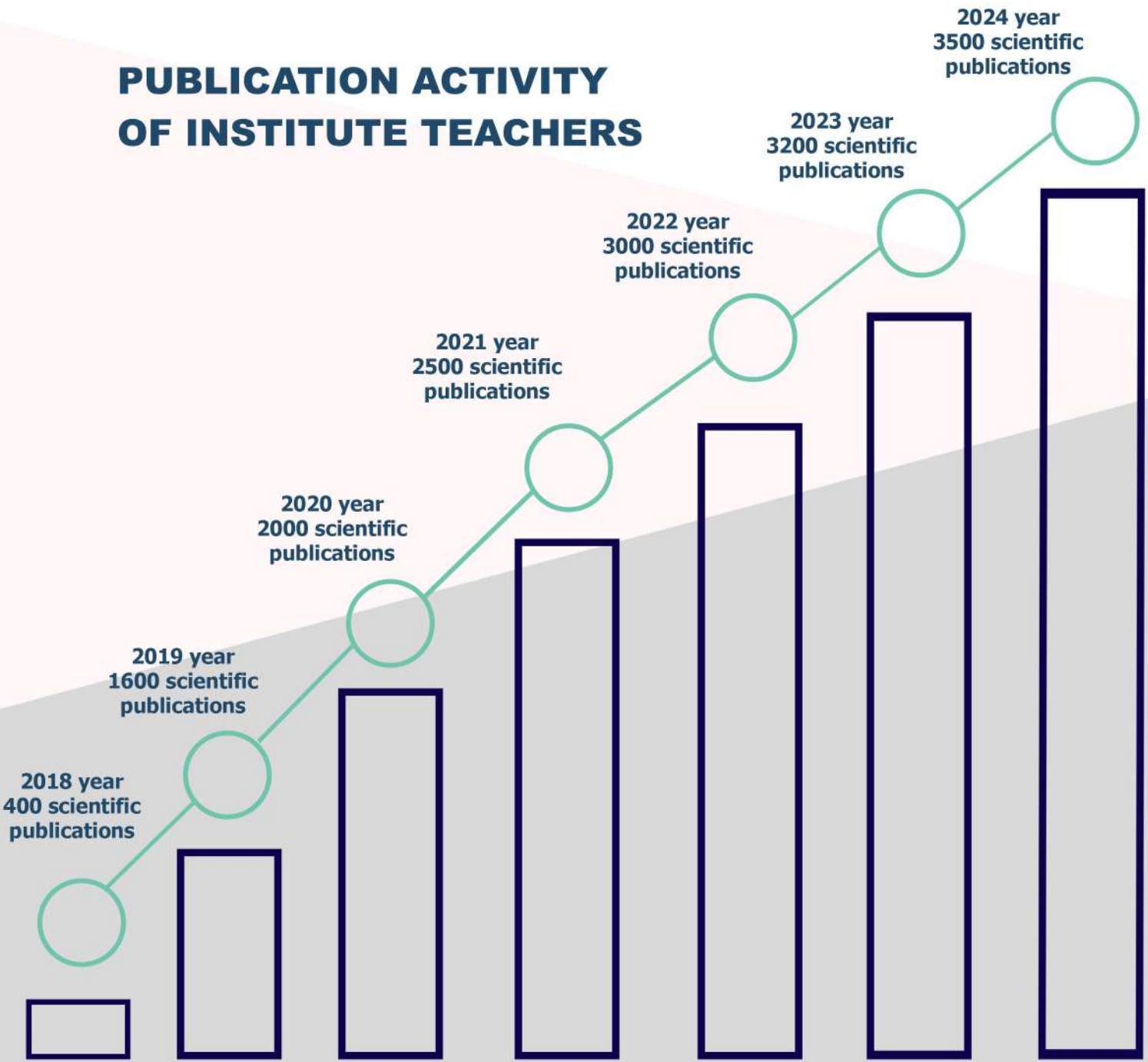
**The teaching and laboratory rooms of the institute are equipped with the most modern educational equipment**



**The institute laboratories are equipped with the most modern equipment, which makes it possible to achieve excellent results in scientific activity**



# PUBLICATION ACTIVITY OF INSTITUTE TEACHERS



## INTERNATIONAL ACTIVITIES



## INTERNATIONAL PROJECTS

1. On the basis of the projects «INTRAS» of the European Union ERASMUS+ program, the institute conducts research in collaboration with higher education institutions of the European Union. Also, within the framework of this project, a work worth \$ 50 000 was implemented in cooperation with SIMETRA of the Russia Federation.

2. EU ERASMUS Capacity Building Higher Education Project "Reinforcing capacities of HEIs for leather and leather products in products in Uzbekistan - Kazakhstan - REILEAP" with the participation of the Jizzakh Polytechnic and the Center for Women Inventors is aimed at the innovative development of leather production in Uzbekistan and Kazakhstan. This project is being implemented in collaboration with Polytechnic university of Crete (Greece), Ege university (Turkey), Yashi University(Romania) and two universitites in Kazakhstan. The cost of the project is 914 603 euros.

3. EU ERASMUS + Higher education capacity Building Project "TRIGGER-Triggering innovative approaches and entrepreneurial skills for students through creating conditions for graduate's employability in Central Asia", Koshitse Technical University (Slovakia), Vienna Practical University of Sciences (Austria) in collaboration with the University of Nice (France) and the University of Rijeka (Croatia), as well as 4 universities in Tajikistan and 3 universities in Kazakhstan. The total cost of the project is 999 573 euros.

4. Jizzakh Polytechnic institute is implementing a \$ 100 000 grant project of the World Bank academic innovation fund for "DataNetProject". The institute actively cooperates with the World Bank, ADB, Koica, GIZ in the field of educational programs.

5. EU Erasmus+ Capacity Building Higher Education Project "DEBSEUz – Developing Targeted Education Programs for Bachelor Students in Solar Energy in Uzbekistan" is being implemented for the period of 2024–2026.

Project objective: To develop academic curricula and educational programs for training bachelor's degree specialists in Solar Energy Engineering.

The total budget of the project amounts to 676 962 euros.

6. EU Erasmus+ Capacity Building Higher Education Project "TEX4FUTURE – Future Prospects of Textile Production in Uzbekistan and Kazakhstan" is being implemented for the period of 2024–2026.

Project objective: To update and modernize the services and opportunities offered by higher education institutions in Uzbekistan and Kazakhstan in response to the needs of the light industry sector (mainly the textile and garment industries), by transferring relevant knowledge, experience, skills, and best practices to the industry.

The total budget of the project amounts to 790 985 euros.

7. EU Erasmus+ Capacity Building Higher Education Project "GREENDT – Implementing a Master's Degree in Environmental Engineering through Sustainable Transition and Social Transformation" is being implemented for the period 2024–2027.

Project objective: To enhance the qualifications and skills of students in Uzbekistan's higher education institutions in the field of environmental protection by developing an innovative Master's degree program. The total budget of the project amounts to 756 251 euros.

## INTERNATIONAL COOPERATION

|    |                                                              |               |
|----|--------------------------------------------------------------|---------------|
| 1  | University of Klagenfurt                                     | Austria       |
| 2  | Azerbaijan Technical University                              | Azerbaijan    |
| 3  | Belarus State University of Informatics and Radioelectronics | Belarus       |
| 4  | Brest State Technical University                             | Belarus       |
| 5  | Vitebsk State Technological University                       | Belarus       |
| 6  | Belarusian National Technical University                     | Belarus       |
| 7  | Nanjing Vocational Institute of Transportation Technology    | China         |
| 8  | Tianjin Foreign Studies University                           | China         |
| 9  | Changshu Institute of Technology                             | China         |
| 10 | North China University of Technology                         | China         |
| 11 | Shihezi University                                           | China         |
| 12 | Technical University of Crete                                | Greece        |
| 13 | University of Portsmouth                                     | Great Britain |
| 14 | University of Debrecen                                       | Hungary       |
| 15 | John von Neumann University                                  | Hungary       |
| 16 | University of Szeged                                         | Hungary       |
| 17 | Óbuda University                                             | Hungary       |
| 18 | University of Tehran                                         | Iran          |
| 19 | Sharif University of Technology                              | Iran          |
| 20 | Iran University of Science and Technology                    | Iran          |
| 21 | K. N. Toosi University of Technology                         | Iran          |
| 22 | University of Cagliari                                       | Italy         |
| 23 | D. Senkbayev East Kazakhstan Technical University            | Kazakhstan    |
| 24 | M.Kh. Dulati Taraz Regional University                       | Kazakhstan    |
| 25 | K.A. Yassawi International Kazakh-Turkish University         | Kazakhstan    |
| 26 | Almaty University of Technology                              | Kazakhstan    |
| 27 | M. Auezov South Kazakhstan University                        | Kazakhstan    |
| 28 | L. Gumilyov Eurasian National University                     | Kazakhstan    |
| 29 | Academic A. Kuatbekov Peoples' Friendship University         | Kazakhstan    |
| 30 | K. Kulajonov Kazakh University of Technology and Business    | Kazakhstan    |
| 31 | B. Siddiqov Kyrgyz-Uzbek International University            | Kyrgyzstan    |
| 32 | Adam University                                              | Kyrgyzstan    |
| 33 | I. Razzakov Kyrgyz State Technical University                | Kyrgyzstan    |
| 34 | M. Adishev Osh Technological University                      | Kyrgyzstan    |
| 35 | INTI International University                                | Malaysia      |

|    |                                                                                                |                    |
|----|------------------------------------------------------------------------------------------------|--------------------|
| 36 | Tun Hussein Onn University of Malaysia                                                         | Malaysia           |
| 37 | University of Malaya                                                                           | Malaysia           |
| 38 | Faisalabad National Textile University                                                         | Pakistan           |
| 39 | Kielce University of Technology                                                                | Poland             |
| 40 | Rzeszów University of Technology                                                               | Poland             |
| 41 | Ural Federal University named after the First President of Russia B. Yeltsin                   | Russian Federation |
| 42 | LETI Saint Petersburg State Electrotechnical University                                        | Russian Federation |
| 43 | Smolensk Branch of the National Research University "Moscow Power Engineering Institute" (MEI) | Russian Federation |
| 44 | Moscow State University of Civil Engineering                                                   | Russian Federation |
| 45 | Ufa University of Science and Technology                                                       | Russian Federation |
| 46 | Peter the Great Saint Petersburg Polytechnic University                                        | Russian Federation |
| 47 | Ufa State Petroleum Technological University                                                   | Russian Federation |
| 48 | Yu.A. Gagarin Saratov State Technical University                                               | Russian Federation |
| 49 | Don State Technical University                                                                 | Russian Federation |
| 50 | Tyumen Industrial University                                                                   | Russian Federation |
| 51 | Kurbass State Technical University                                                             | Russian Federation |
| 52 | Sun Moon University                                                                            | South Korea        |
| 53 | Seoul National University                                                                      | South Korea        |
| 54 | Kunjang University College                                                                     | South Korea        |
| 55 | Tajik Technical University named after M.S. Osimi                                              | Tajikistan         |
| 56 | B. Gafurov Khujand State University                                                            | Tajikistan         |
| 57 | Kayseri University                                                                             | Turkey             |
| 58 | Yeditepe University                                                                            | Turkey             |
| 59 | Erzurum University                                                                             | Turkey             |
| 60 | Bartın University                                                                              | Turkey             |
| 61 | Ege University                                                                                 | Turkey             |
| 62 | Üsküdar University                                                                             | Turkey             |
| 63 | Anadolu University                                                                             | Turkey             |
| 64 | Istanbul Technical University                                                                  | Turkey             |
| 65 | Hacettepe University                                                                           | Turkey             |
| 66 | Karamanoglu Mehmetbey University                                                               | Turkey             |
| 67 | Karadeniz Technical University                                                                 | Turkey             |
| 68 | Sakarya University of Applied Sciences                                                         | Turkey             |
| 69 | Ankara Yıldırım Beyazıt University                                                             | Turkey             |
| 70 | Izmir Institute of Technology                                                                  | Turkey             |

## FOREIGN PARTNERS

Nowadays, Jizzakh Polytechnic institute cooperates with more than 40 universities and scientific research institutes of developing countries such as Russia, Germany, Austria, Switzerland, Great Britain, China and others, signed a number of Memorandums.



The institute has 15 sports clubs. A memorandum of cooperation was signed with the federations of rugby, hand-to-hand combat, badminton. In addition, republican, regional and city competitions in various sports are held on the basis of the sports town.



# SPORTS TOWN OF THE INSTITUTE

## THE SPORTS TOWN OF THE INSTITUTE INCLUDES:

-  **2 sports halls**
-  **fitness center**
-  **2 football fields**
-  **2 mini football fields with artificial turf**
-  **tennis court**
-  **badminton court**
-  **gym**



## STUDENT DORMITORY

In the Student Dormitory of the institute for 560 places, conditions for life, independent work and rest have been created for students. There are also clubs for sports, arts, sewing, foreign language learning and many more. For example, "Art", "Design", "Vocal and Dutar", "Sewing and Weaving" and others. In order to create meaningful conditions for the leisure of students, they have spiritual and educational rooms, reading rooms and are equipped with the necessary equipment. There is also a living room for parents, a living room, a laundry room and a kitchen. The student dormitory has medical offices and first aid is provided to students.



## STUDENT LIFE AT THE INSTITUTE

Students of our institute not only study well, but also have a good and active rest. The institute hosts various sports competitions, concerts and other cultural and educational events.



## OUR ACHIEVEMENTS



**Imamova Dildora, a student of the Faculty of Architecture and Construction, won the state award "Zulfiya"**



**Professors and teachers of Jizzakh Polytechnic Institute awarded the "Oliy ta'lim a'lochisi" badge of honor:**

- Bakdurdi Ibragimovich Matniyazov – Department of Building Materials and Structures;
- Khanifakhon Shukurillayevna Khamdamova – Department of Uzbek and Foreign Languages.



**For achievements in ensuring progress in the spheres of science and education professor of the Department of Power engineering Yuldashev Urishbay was awarded the Order of "Dustlik"**

## OUR ACHIEVEMENTS



**Students of the faculties  
"Transport" and "Architecture and Construction"  
Meliev Sardor and Abdumannonov Sindorjon  
were awarded the badge "Mehr-sakhovat"**



**Teacher of  
Jizzakh Polytechnic Institute  
Tursunov Bekzod Akbar Ugli  
was awarded State Prize  
"Mard Uglon"**



**Jizzakh Polytechnic Institute 4rd  
grade students are the members of  
gender equality program  
in the "Oliy Majlis"**

## **EMPLOYMENT OF GRADUATES**

The institute is actively working on the employment of graduates.

Our graduates are successful in the following areas:

- Construction
- Production of construction materials
- Road construction
- Architecture
- Food industry
- Toolkit
- Mechanical engineering
- Light industry
- Chemical, petrochemical, fuel industry,
- Electric power industry
- Scientific, research, scientific and production organizations, mining industry
- Woodworking industry
- Metallurgical industry and metal processing





# JIZZAKH POLYTECHNIC INSTITUTE

## CONTACTS



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