



URGENCH STATE UNIVERSITY NAMED
AFTER ABU RAYHAN BIRUNI

Quality Education (SDG 4)



About our University

- Total number of students: 24 100
 - full time students: 20
 - part time students: 50
 - distance learning students: 50
- Total number of staff: 937
 - Doctor of Science: 55
 - Ph.D.: 43
 - Visiting professors: 58



FACULTIES



- Physics and Mathematics
- Foreign Philology
- Philology and Art
- Natural and Agricultural Sciences
- Technics
- Sports activity, pedagogy and psychology
- Chemical Technologies
- Socio-economic sciences
- Computer engineering
- Telecommunication technologies
- Graduate Program



EDUCATIONAL INSTITUTIONS AND CENTERS UNDER THE UNIVERSITY



- Professional colleagues - 28
- Academic lyceum -1
- Secondary school-1
- Technopark-1
- Center for advanced studies
- IT center (campus - 4)



RESEARCH LABORATORIES



1. Structure of nanomaterials;
2. Solar cells and solar panels;
3. Food safety;
4. Geographic information system;
5. Peking - Urgench mathematics center;
6. RISMUz center;
7. Advanced plasma technology;
8. Artificial intelligence;
9. Digital Soil Mapping.

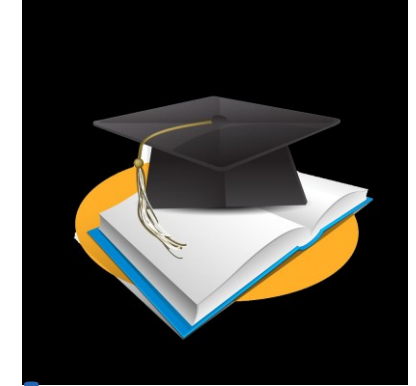


KHOREZM INNOVATION TECHNOPARK

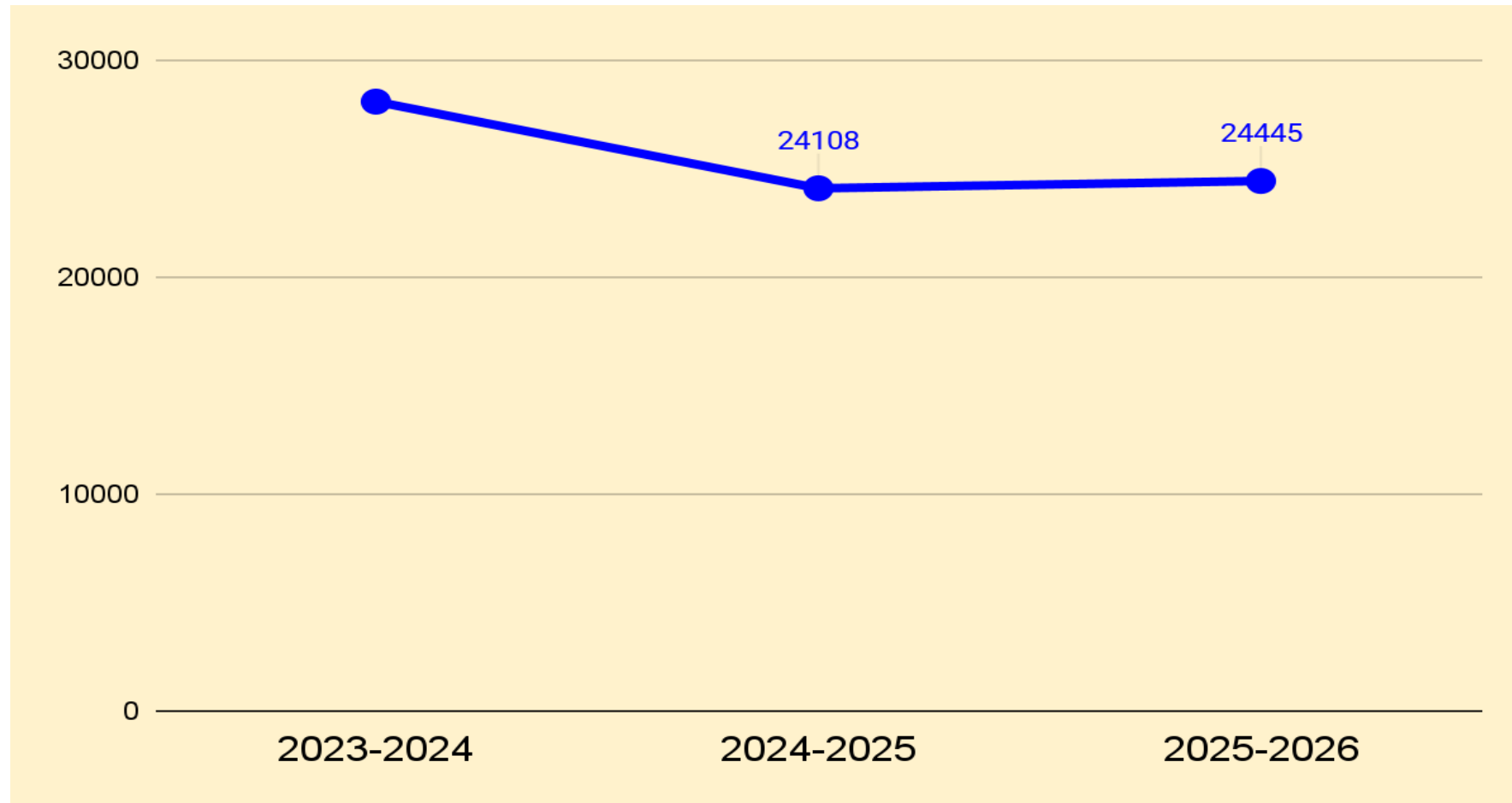
1. MEAT PROCESSING;
2. MILK PROCESSING;
3. BAKERY PRODUCTS;
4. TOMATO PROCESSING;
5. MELON PROCESSING;
6. LIGHT INDUSTRIAL PRODUCTS;
7. SOUVENIR PRODUCTS.



Contingent of Students



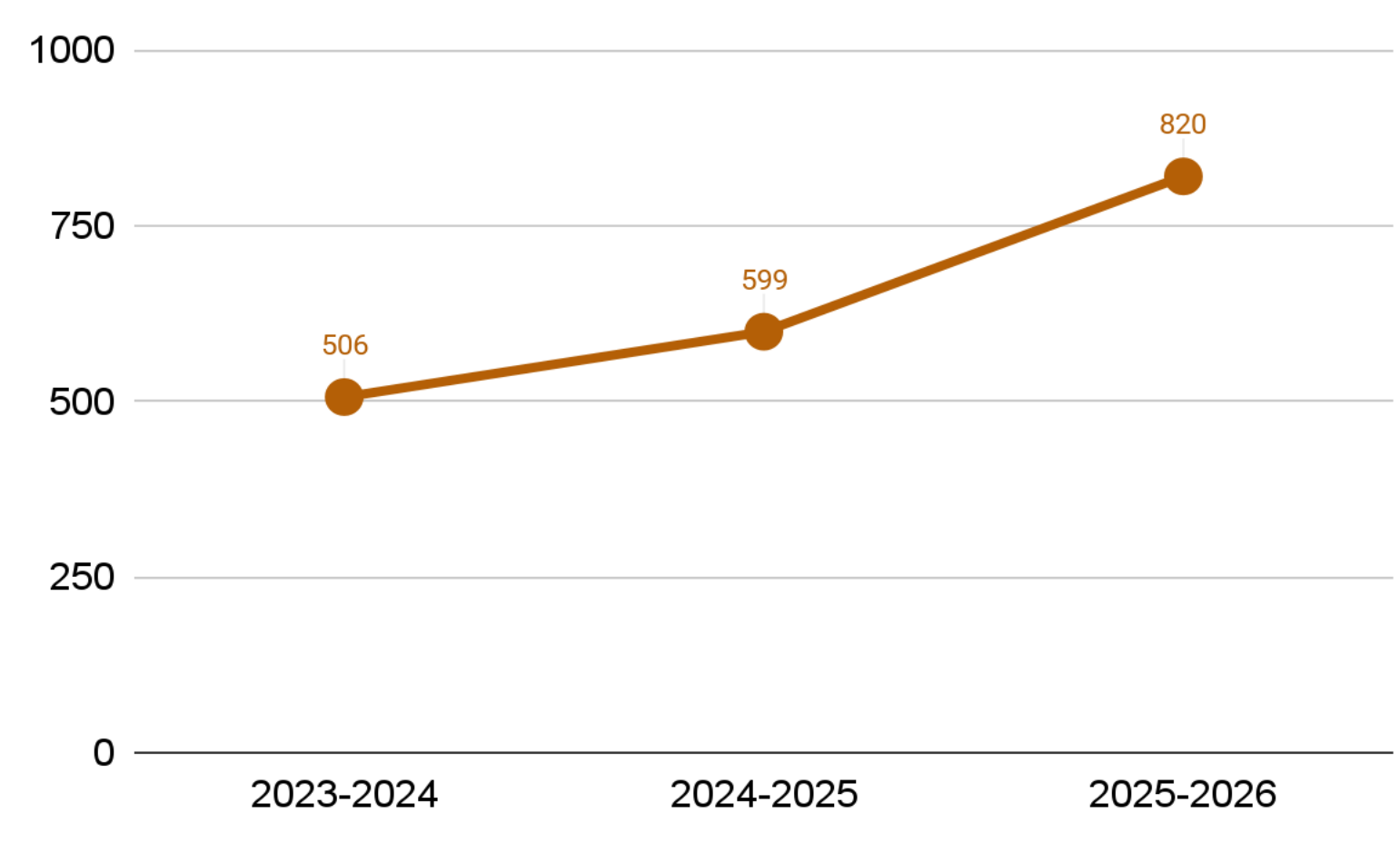
Contingent of Students



Here's the dynamics of bachelor students at Urgench State University named after Abu Rayhan Biruni shown across the years 2022–2026.

The chart clearly illustrates the rapid growth from 972 students in 2022–2023 to a projected 10,000 students in 2025–2026.

Contingent of Students

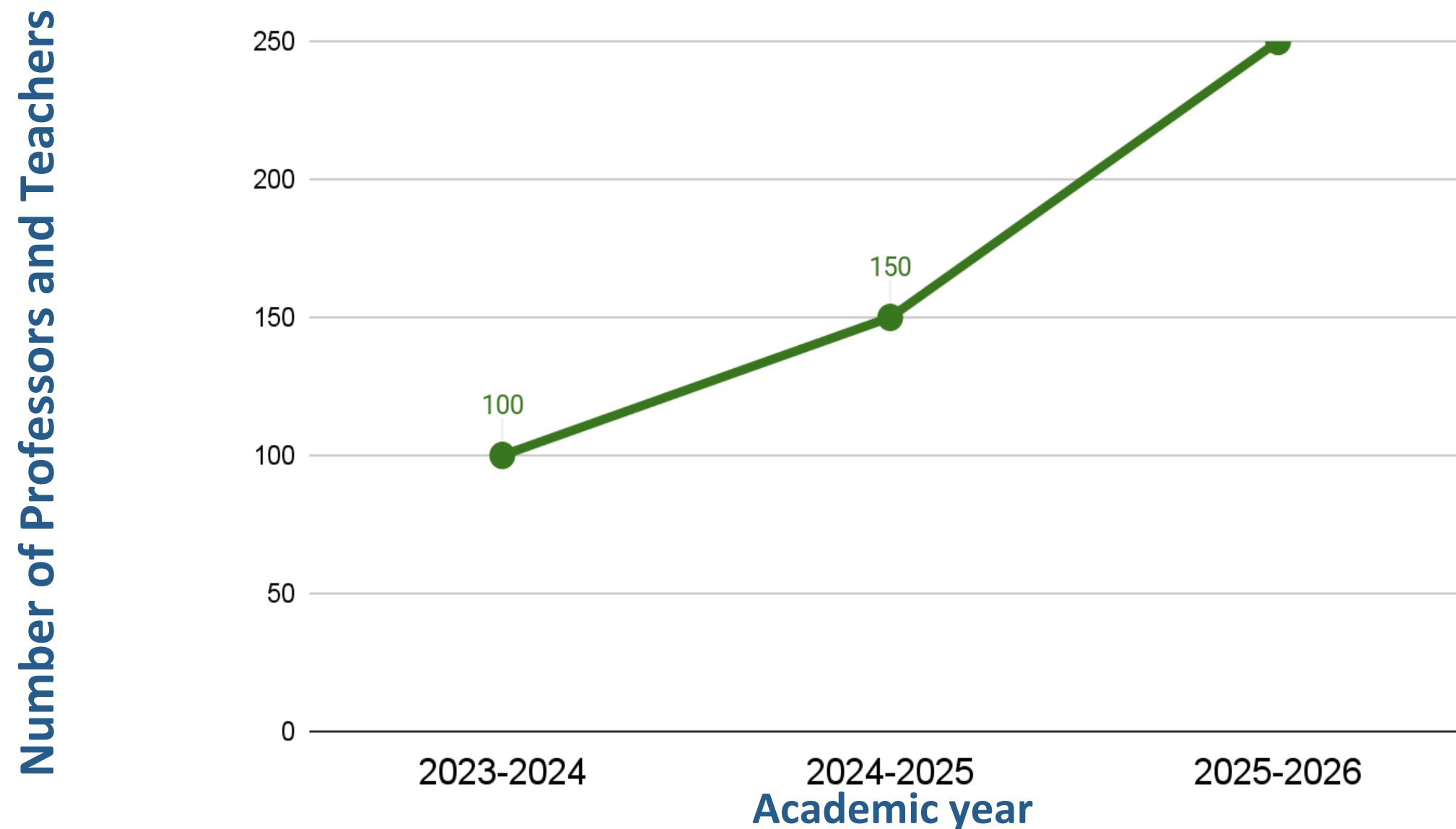


Here's the dynamics of master students at Urgench State University named after Abu Rayhan Biruni shown across the years 2022–2026.

The chart clearly illustrates the rapid growth from 972 students in 2022–2023 to a projected 10,000 students in 2025–2026.

Contingent of Teaching staff

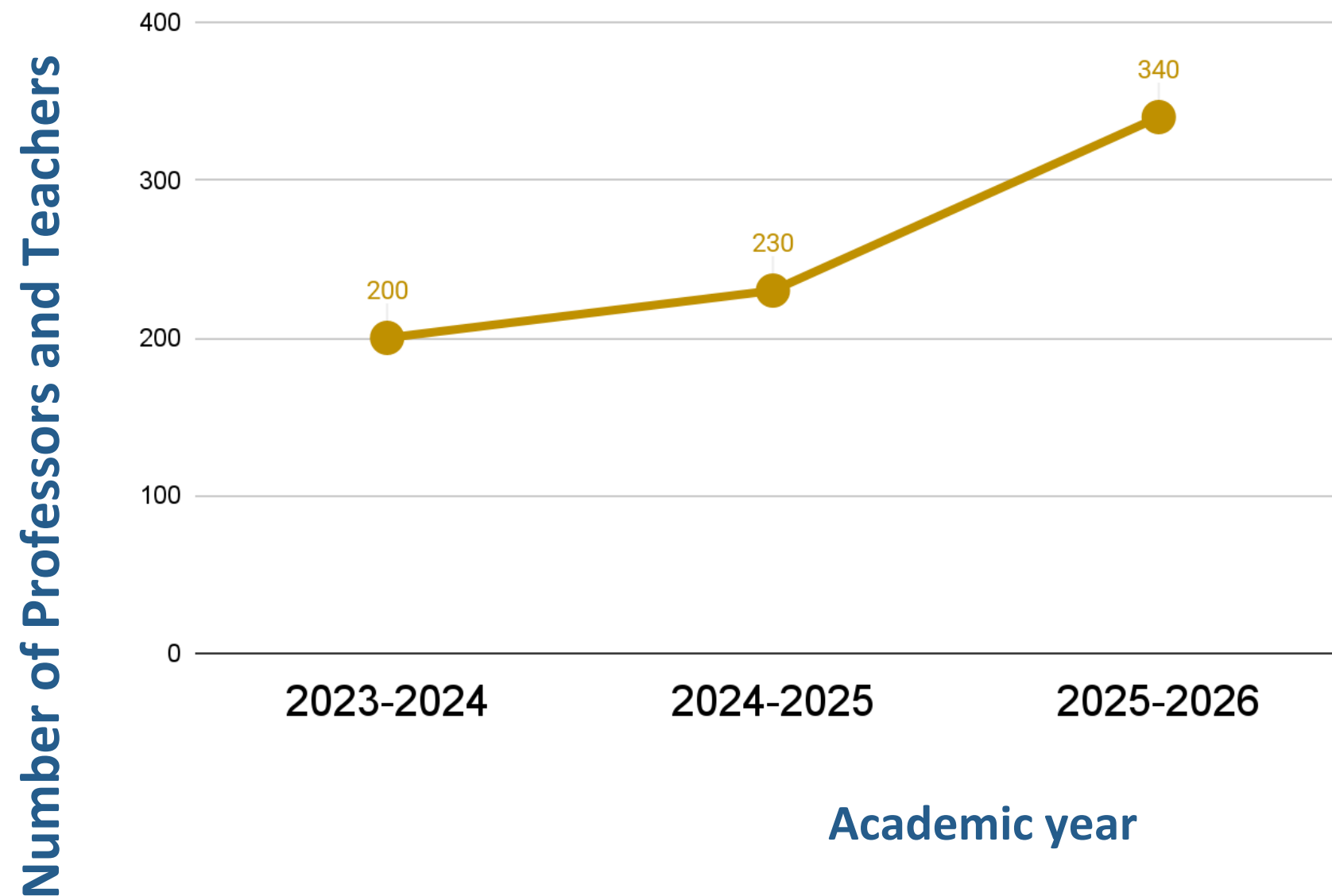
Dynamics of Teaching Staff at Urgench state university named after Abu Rayhan Biruni (Last 3 Years)



Here's the teaching staff dynamics chart for Urgench Branch of the Tashkent University of Information Technologies over the last 3 years. The number of academic staff has significantly increased, reflecting the university's rapid growth and development.

Dynamics of Average Teaching Staff Salary

Dynamics of Teaching Staff at Urgench state university named after Abu Rayhan Biruni (Last 3 Years)

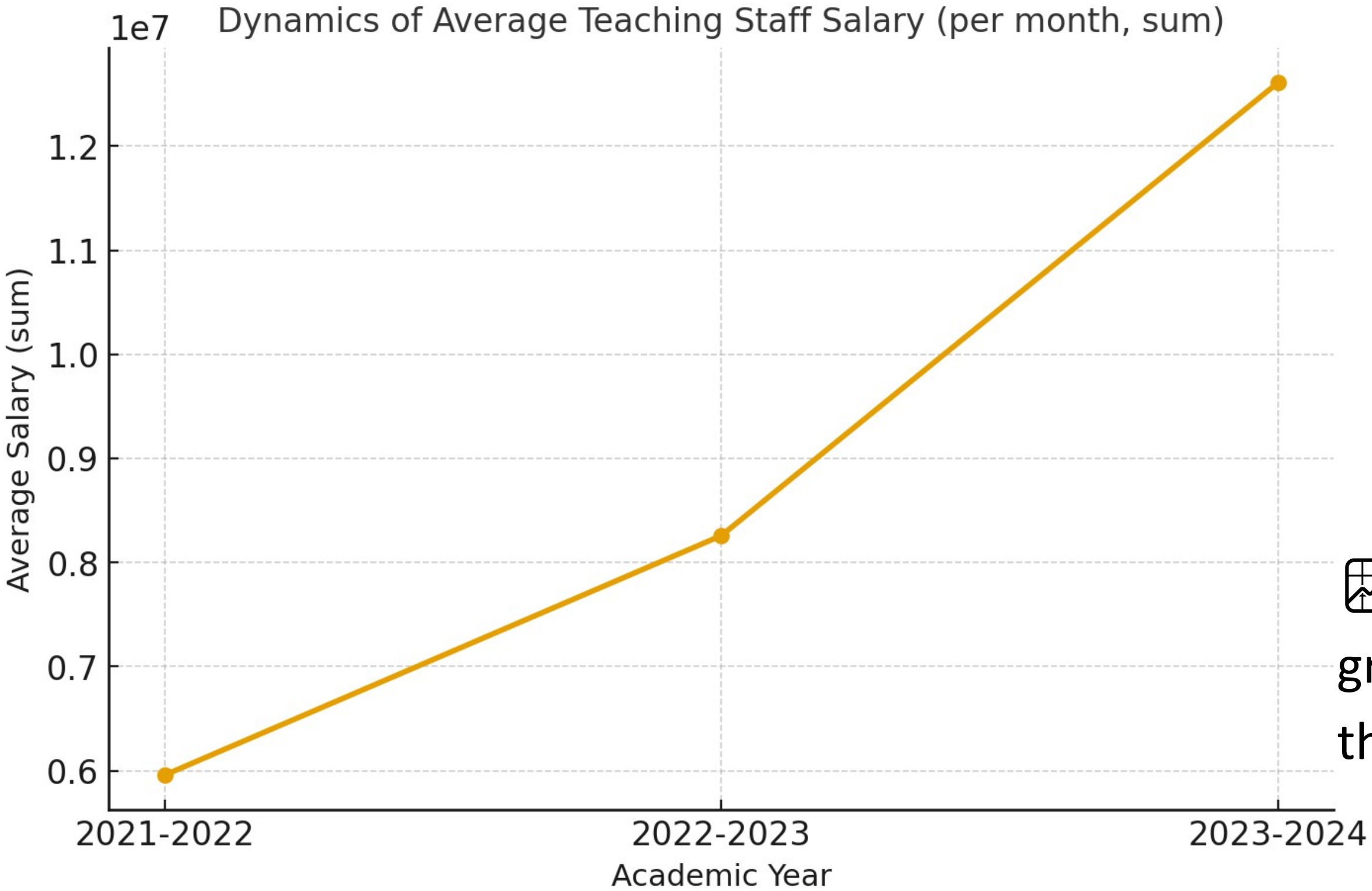


Here is the dynamics of the average monthly salary of teaching staff:

- 2021–2022 → 497.74 EUR
- 2022–2023 → 601.29 EUR.
- 2023–2024 → 938.60 EUR.

The chart shows a steady growth: salaries have more than doubled in three years.

Dynamics of Average Teaching Staff Salary



Here is the dynamics of average monthly salary teaching staff: 2021–2022 497.74 EUR 2022–2023 → 6 EUR. 2023–2024 → 938.60 EU



growth: salaries have steady more than doubled in three years.

Our New Campus

To meet the growing demands of students and faculty, **Urgench Ranch University of Technology has constructed its own modern campus.** The new facilities will include:

- Basement Level: Scheduled 26 modern laboratories for engineering, medicine, computer science, and physical sciences;
- Second Floor: 6 lecture halls (156 seats each) + at least 5 computer rooms;
- **Outdoor Amphitheater:** Seating capacity of 800+ for graduation ceremonies, cultural events, and guest lectures;
- Student Accommodation: New dormitory for 650 students (modern amenities, 24/7 security, fire safety, internet);
- Sports Facilities: Full-sized football field + indoor sports complex (gym, basketball, volleyball, badminton);
- Additional Facilities: Library, cafeteria, student lounges, administrative offices; Existing Infrastructure: 5 active laboratories already supporting research.

Why do we need Accreditation?

For Our University

- Attracts international students and increases global competitiveness
- Expands exchange programs with partner universities
- Enhances participation in international projects and grants
- Strengthens reputation as a modern, innovative, and globally connected university
- Potential Wider Benefits
- Builds trust with employers by ensuring high- quality training
- Encourages research collaboration with leading institutions
- Supports national development by preparing skilled specialists in priority sectors

■ For Students

- Global Recognition – accredited degrees allow graduates to work anywhere in the world
- Academic Mobility – students can pursue further studies abroad (e.g., Master’s, PhD)
- Opportunities – participation in summer schools, internships, work & travel programs
- Career Security – accreditation serves as a guarantee for the future of our graduates



Partnerships with Enterprises

Urgench Ranch University of Technology collaborates with leading enterprises, providing students with practical training and internships:

“UzAuto Motors” JSC, Khorezm Branch – internships and joint technical projects.

“Urganchkormmash” JSC – practice in mechanical engineering and production processes.

URSU – student internships in specialized subjects (mutaxassislik fanlari).

“Textile Finance Khorezm” LLC – training in textile technologies and financial management.

“ADM Jizzakh” LLC – internships in automotive and industrial technologies.

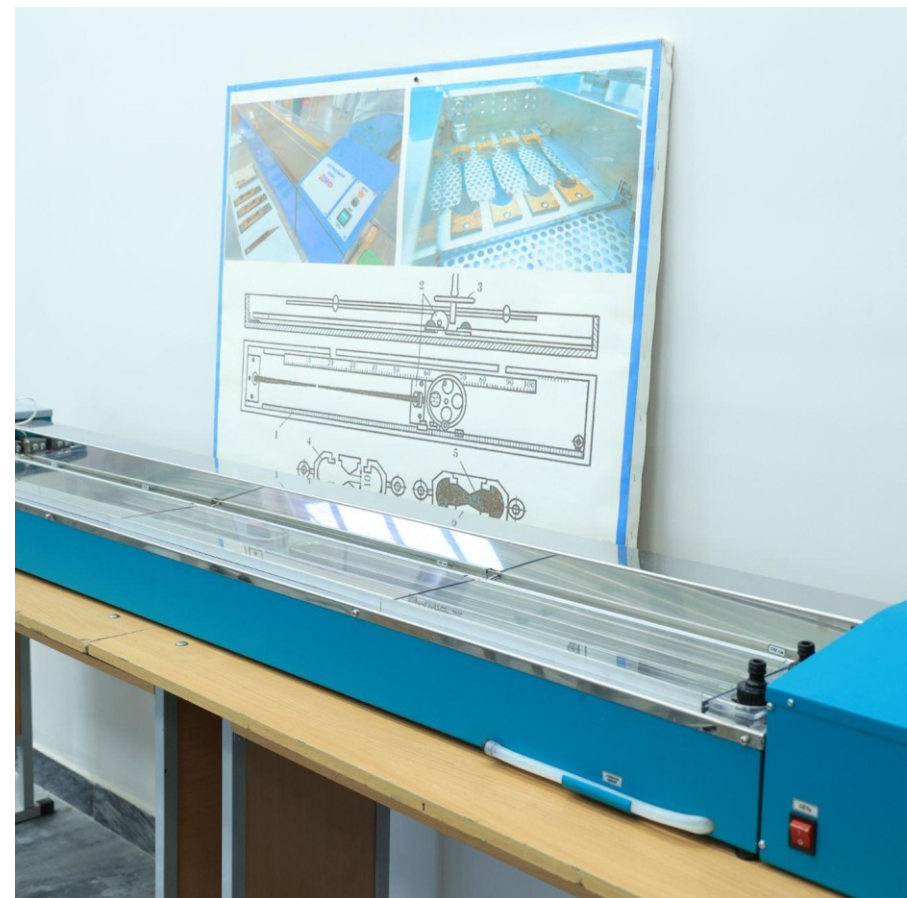
These partnerships provide hands-on experience, improve employability, and strengthen university–industry integration.

Laboratories at Urgench state university named after Abu Rayhan Biruni

Our university provides students with access to modern laboratories that support both education and research (Total: 6 laboratories):

- **Computer Laboratories** – Information Technologies in Technical Systems
- **Computer Practice Rooms** – Information Technologies in Logistics Systems
- **Chemistry Laboratory** – practical experiments in general and applied chemistry
- **Physics Laboratory** – applied training in fundamental and engineering physics
- **Medical Laboratories** – practice-oriented training in healthcare and life sciences

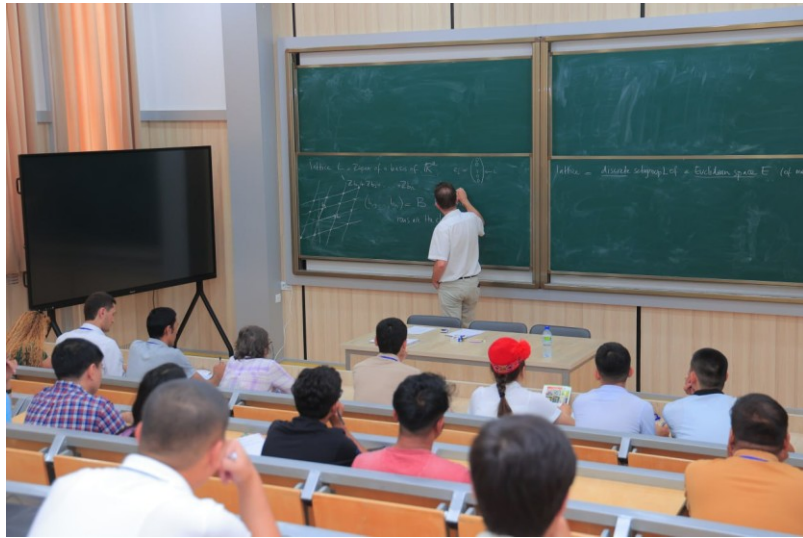
These laboratories ensure hands-on learning, strengthen professional skills, and support innovative research activities.





URGENCH STATE UNIVERSITY NAMED AFTER ABU RAYHAN BIRUNI

ONGOING INTERNATIONAL PROJECTS WITH EUROPEAN HEIs AND ORGANIZATIONS



Urgench State University hosts summer school on "Lattices, Diophantine Approximation and Heights" (CIMPA)
06.07.2022-10.07.2022



Summer School Future prospects of perovskite based solar cells: Low carbon energy conversion through advanced functional materials.
14.05.2023-21.05.2023



On May 27, 2025, the 3rd International Al-Khwarizmi Mathematics Olympiad was held in the Khorezm region. Students from leading higher education institutions of China participated in the Olympiad and won gold medals.



A CIMPA school on Lattices, Heights and Diophantine Approximation
24.06.2025-05.07.2024



Summer School on "Conference on Differential Equations and Mathematical Physics"
03.07.2025-10.07.2025

Strategic Plan & Vision

Our Commitment

Delivering academic excellence through innovative teaching and research

Preparing graduates for the global labor market

Ensuring continuous quality improvement in all programs

Future Goals

Expand the range of accredited programs across disciplines

Strengthen international collaborations with universities and industry partners

Increase student and faculty mobility through exchange programs and joint degrees

Foster research and innovation hubs in engineering, technology, and applied sciences

Long-Term Vision

Transform Urgench Ranch University of Technology into a regional leader in higher education

Develop into a globally recognized institution known for excellence, innovation, and impact

Contribute to the economic, technological, and social development of Uzbekistan and beyond



About the Faculty of Physics and Mathematics

- Total number of students: 1724
 - full-time students: 1439
 - part-time students: 250
 - evening learning students: 35
 - female students: 1318
 - male students: 406
- Total number of staff: 112
 - Doctor of Science: 10
 - Ph.D.: 32
 - Visiting professors: 8



Faculty of Physics and Mathematics

Undergraduate, Master's and Researcher Specializations

- **BSc: 4**
- **MSc: 10**
- **PhD: 5**

Master's Degree Specializations

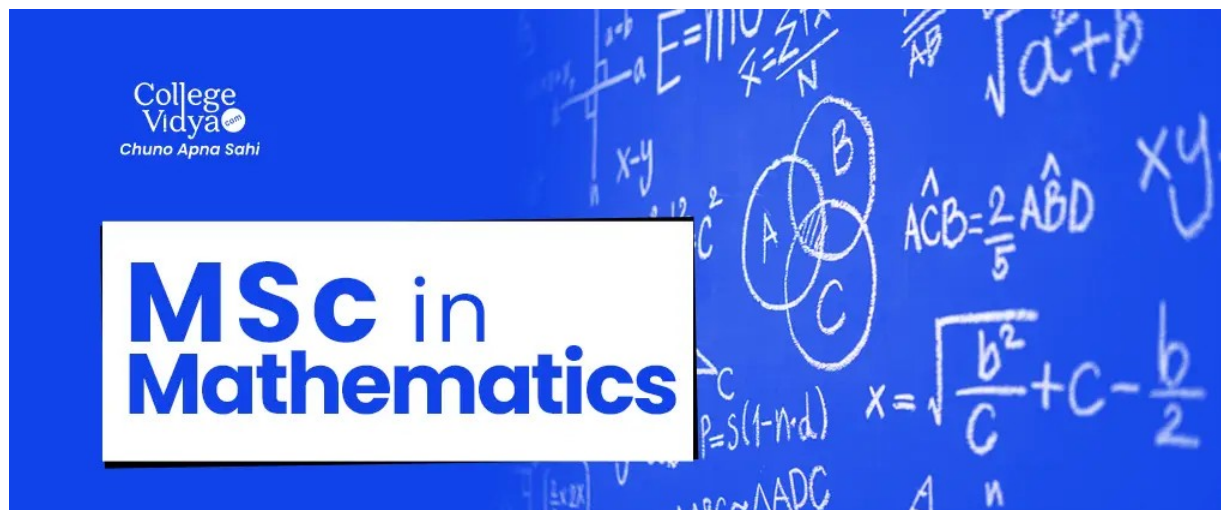
- 70540101 – Mathematics (by specializations)
- 70540101 – Mathematics (Differential Equations)
- 70530501 – Physics (by specializations)
- 70710413 – Renewable Energy Sources
- 70530504 – Semiconductor Physics
- 70530507 – Medical Physics
- 70530601 – Mechanics and Mathematical Modeling (Master's)
- 70540202 – Mathematical Engineering

Undergraduate Programs

- 60540100 – Mathematics
- 60540200 – Applied Mathematics
- 60530500 – Physics Education
- 60530600 – Mechanics and Mathematical Modeling

Researcher Specializations

- 01.01.01 – Mathematical Analysis
- 01.01.02 – Differential Equations and Mathematical Physics
- 01.02.05 – Fluid and Gas Mechanics
- 01.04.04 – Physical Electronics
- 01.04.10 – Semiconductor Physics



Projects of Fundamental and Applied Research at the Faculty

✍ 1. 2025–2027

Project No. FL-8824063312
Title: *Development of a Plasma-Assisted Method for the Synthesis of Composite Catalysts for the Decomposition of Volatile Organic Compounds in Air and Organic Pollutants in Wastewater*
Type: *Uzbekistan–Belarus International Joint Fundamental Research Project*
Project Leader: *Matvulubov Nosir Shikharovich*



🖨 3. 2023–2024

Title: *Design and Development of a Computer-Controlled Device for Comprehensive Study of the Influence of Various External Factors on Solar Panels*
Type: *Applied Driver Grant Project funded by Urgench State University (Presidential Decree No. PQ-307)*
Project Leader: *Yakubov Komiljon Ruzmetovich*

🕒 2. 2023–2025

Title: *Development of Efficient Composite Coatings for Solar Batteries*
Type: *Applied Driver Grant Project funded by Urgench State University (Presidential Decree No. PQ-307)*
Project Leader: *Yakubov Komiljon Ruzmetovich*

🔗 4. 2021–2023

Project No. UZB-Ind-2021-80
Title: *Study of the Self-Heating Effect in MOF Transistors Based on Gate-Encapsulated Ordered Nanoplates*
Type: *Uzbekistan–India International Joint Fundamental Research Project*
Project Leader: *Atamuratov Atabek Egamberdiyevich*

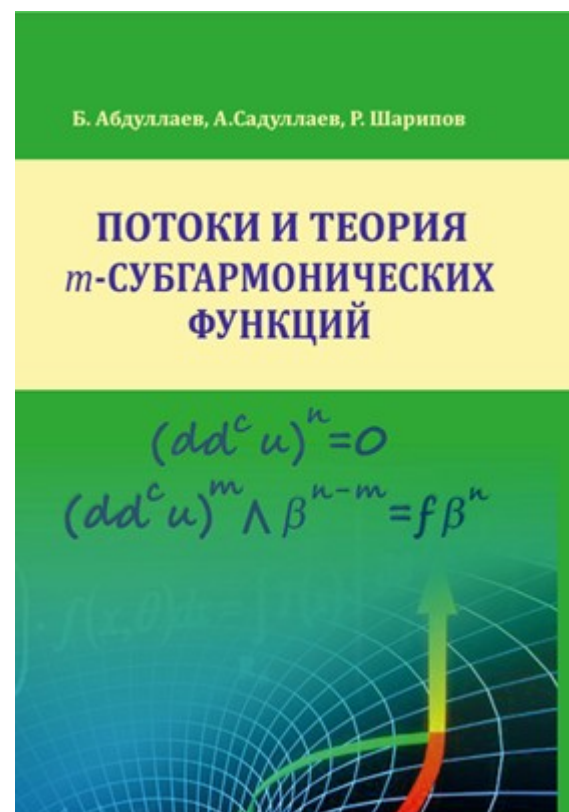


Khorezm Branch of the V.I. Romanovsky Institute of Mathematics of the Academy of Sciences of the Republic of Uzbekistan

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Staff position

Opened in June 2020 under the Urgench State University in accordance with Presidential Decree No. PQ-4708 dated May 7, 2020.

Main scientific directions: *Function theory, Non-associative algebras, Differential equations.*



Master's and Doctoral students



- USA:** California State University (Fullerton), Indiana University (Bloomington), University of Washington
- China:** Sichuan University, Peking University
- Germany:** University of Wuppertal, University of Bayreuth
- Russia:** Siberian Federal University, Novosibirsk State University, V.A. Steklov Institute of Mathematics
- Slovakia:** Comenius University in Bratislava
- Spain:** University of Santiago de Compostela, University of Granada
- Australia:** University of Adelaide, University of Sydney
- France:** University of Toulouse

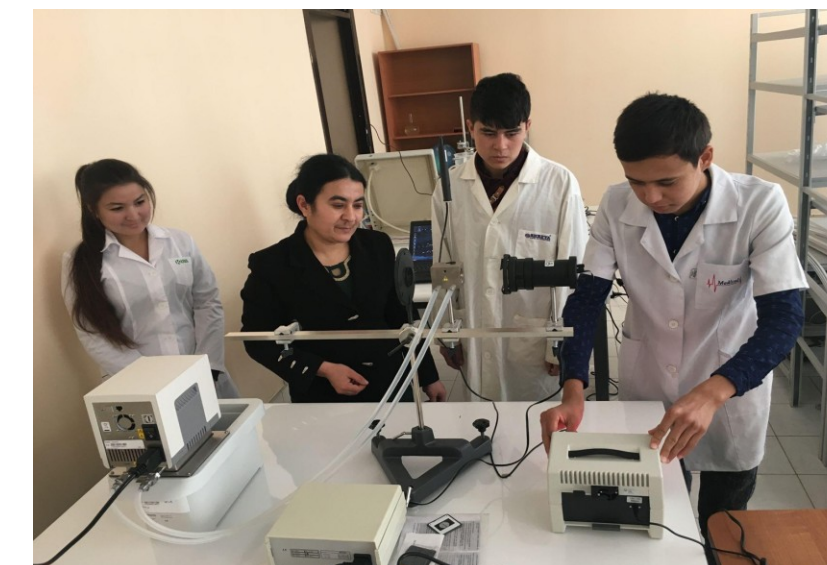
Partners:



EDUCATIONAL LABORATORIES (PHYSICS DEPARTMENT DEPARTMENT



1. Mechanics;
2. Molecular Physics;
3. Electricity and magnetism;
4. Optics;
5. Atom physics;
6. Nuclear Physics.



INFRASTRUCTURE



UrSU is a significant higher-education institution in the Khorezm region of Uzbekistan.

Robust infrastructure is critical for its teaching, research, student support, and community engagement.

This report examines current infrastructure, reconstruction efforts, procurement practices, strengths & weaknesses, and provides recommendations for future investment and improvement.

Reconstruction at Urgench State University over the last five years (2021–2025):

SMART academic building (2023)

Parking space (2024)

Library (2025)

Dormitory (2025)



SMART building

