



Agency for Innovative Development
under the Ministry of Higher Education,
Science and Innovations
of the Republic of Uzbekistan



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THE INNOVATION ECOSYSTEM OF UZBEKISTAN



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Head of Department on Analysing
the Activity of Educational Institutions



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WIUT



Shavkat Azimov
Head of International
Cooperation Department



Startup Ecosystem Development of Uzbekistan

For the last 5 years, on the initiative of the agency and other organizations in order to develop the startup ecosystem



About 50

Accelerator software



Over 500

Seminars and trainings, infosession and international meetings were organized



Regulatory Documents on Startup Ecosystem Development of Uzbekistan

1. Decree of President of the Republic of Uzbekistan № 4433 “On measures to involve youth in the field of science and improve the support system for their initiatives” from August 30, 2019.

2. Decree № 133 of Cabinet of Ministers of the Republic of Uzbekistan “On measures for further improvement of the normative and legal framework of the development of scientific research and innovative activity” from March 9, 2020.

3. Decree of Cabinet of Ministers of the Republic of Uzbekistan № 222 “On measures to support talented young people engaged in scientific and innovative activities” from April 19, 2021.

4. Decree of Cabinet of Ministers of the Republic of Uzbekistan № 313 “On the measures of organizing youth technological parks throughout the Republic” from May 22, 2020.

FINANCING OF STARTUP PROJECTS FOR 2018-2023

Number of startups	➤	277
Total cost	➤	9,0 millions of dollars
Number of jobs	➤	1216
Production capacity	➤	11,3 millions of dollars

Partners of Startup Ecosystem

Agency for Innovative Development
 Agency of Youth Affairs
 Youth Technoparks
 Youth Academy
 UZVC
 Aloqa Ventures
 IT Park
 KOICA
 Plug and Play
 CAT Science Accelerator
 World Bank

Development of Startup Ecosystem

Main Aspects of Startup Ecosystem of Uzbekistan

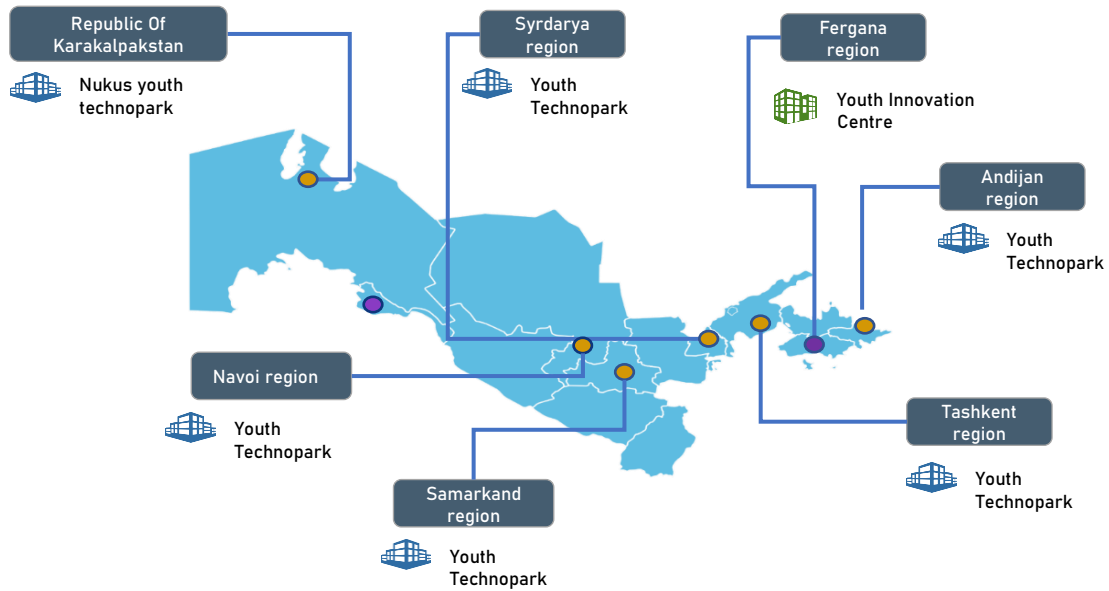
- Government Policy:** regulatory documents and state programs.
- Funding Sources:** fund of support of science and innovations and Venture Funds.
- Incubators and Accelerators:** mentorship and business-trainings.

Main fields of startups in Uzbekistan

- Agrotech (20%)
- Fintech (10%)
- MedTech (10%)
- Marketplaces (15%)
- EdTech (15%)
- Information technologies (20%)
- Others (10%)



Main Indicators of the Development of Innovative Infrastructure Entities



Types of services provided

- Rent
- Prototyping/ Laboratory services
- Patenting
- Consulting/ Mentorship
- Project development
- Acceleration / incubation services

6 Technopark	280 project	100 workplace
10298 Youth involved	224 Billion soums	7 Training center

2021-2023 in use commissioned youth technoparks

- Nukus
- Navoi
- Samarkand
- Syrdarya
- Surkhandarya
- Andijan
- Oxangaron
- Jizzakh
- Namangan

Youth technoparks are planned to be commissioned in 2024

- Bukhara region
- Kashkadarya region
- Fergana region
- Kharezm region





Strategy of Innovative Development of the Republic of Uzbekistan for 2022-2026

MAIN DIRECTIONS AND EXPECTED RESULTS



«Disruptive innovative» developments founded for small and medium-sized businesses and increasing the number of startups



Uniting the startups and small innovative enterprises to organize the innovative clusters and large enterprises, and modernizing the existing ones based on international standards.



Supporting successful startups by offering them residency status at innovative technological parks and free economic zones with tax and customs preferences.



Formation of contemporary mechanisms of funding of startups (e.g. venture funding, crowd-funding), widening the means of simplified funding (such as, future scientist, techno-ways, hackathons etc.).

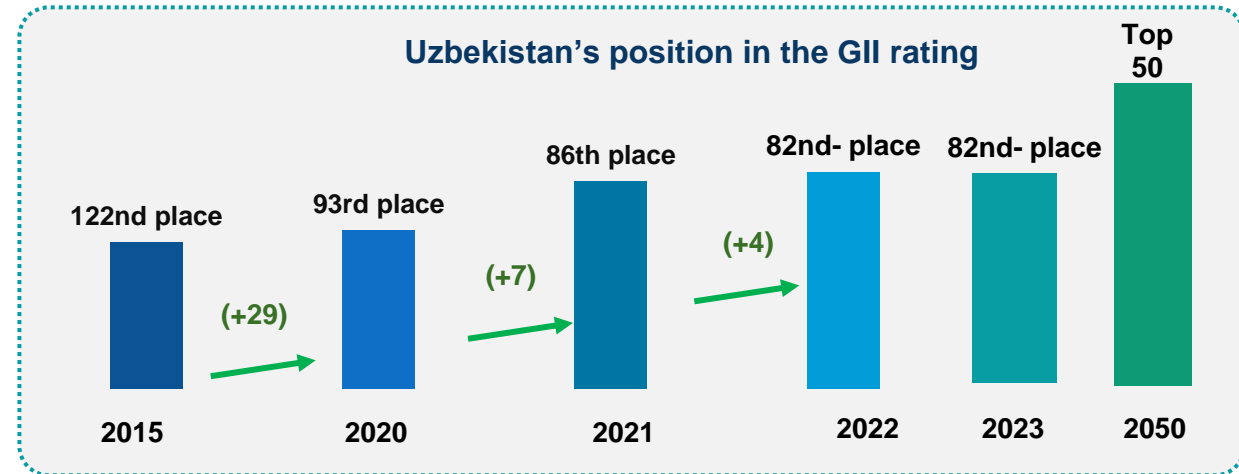
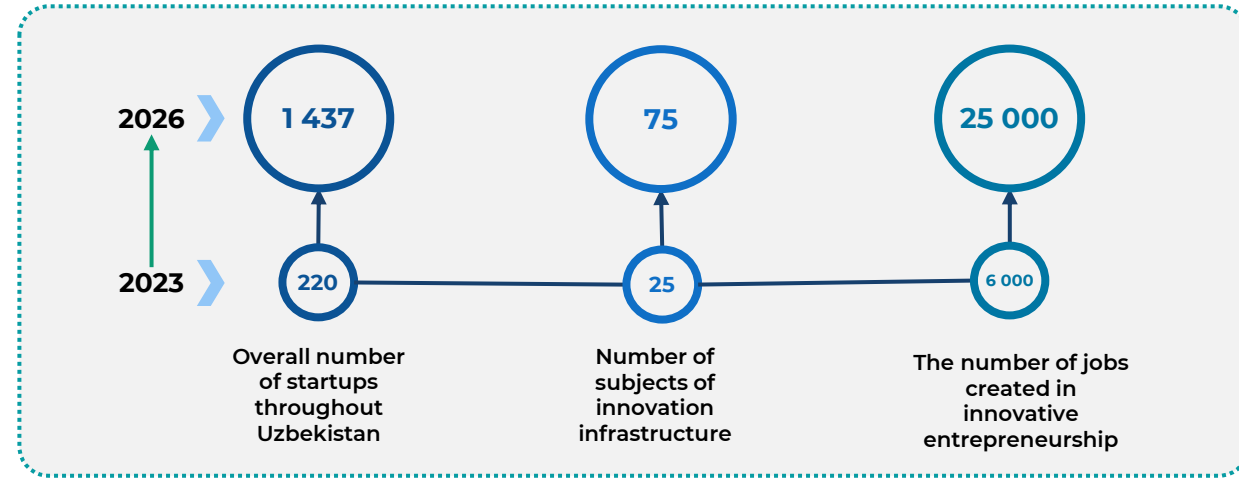


Increase the degree of commercialization of high-efficiency scientific developments and startups.



Wide spread of acceleration programs for startups at regional business incubators, technological parks and innovative centers at higher educational institutions.

FORECASTING KEY PERFORMANCE INDICATORS FOR 2026





Lessons to Learn from South Korean Experience on Startup Ecosystem Development

Funding system of startups

“Tech Incubator Program for Start-up (TIPS)” provides R&D and matching funds for selected start-up teams with investments from venture capitalists.

Second, “Start-up Leader Universities” offer start-ups with excellent infrastructures supported by universities.

Third, “Smart Venture Start-up Schools” support start-ups in promising knowledge-based industries such as software and content development.

Acceleration programs

Organize the acceleration programs based on Korean system.

**K-STARTUP
GRAND CHALLENGE**



WESTMINSTER
International University in Tashkent

innoWIUT
ENTREPRENEUR'S LAB

Innovation & Entrepreneurship

Sarvar Djalalov, Director

OUR MISSION

We accelerate innovation and entrepreneurship opportunities for everyone

OUR VISION

We inspire, guide and facilitate young enthusiasts in innovative entrepreneurship by forming the strongest teams and connecting them with industry leaders from Uzbekistan and across the region

OUR GOALS

- 1. Discover and support talent**
- 2. Build a startup friendly ecosystem**
- 3. Develop entrepreneurial capacity**
- 4. Engage students in business consultancy**
- 5. Attract venture capital**

Fields of activities

Incubation/Accelerator Program

- Program to motivate, guide and facilitate students' startup initiatives and projects. We can connect projects with mentors/trackers among alumni and help with business networking.

Corporate Innovation

- Discovering strong innovation teams of student and connecting them with large corporations and SMEs to offer innovative solutions for business.

Business Consultancy

- We offer tailored consulting services for a variety of businesses and company situations. We advise on both organizational and structural changes within a business, as well as specialist subject areas within the fields of operations, marketing & risk management.

KEY PARTNERS

- Well known entrepreneurs
- Big corporations (public, private, international)
- International partners
- Co-working spaces
- Research institutions
- Technology parks
- Mass media

KEY ACTIVITIES

- Accelerator/Incubator program
- Student-in-residence
- Training for students
- Offering facilities
- Organizing events
- Networking with stakeholders
- Engaging/forming venture capitals
- International networking

KEY RESOURCES

- Students/Alumni
- Academic/Research staff
- Mentors/Trackers
- Trainers
- Business networks
- Government networks
- Investment/Reward funds
- Lab facilities
- WIUT brand value



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OUR PROGRAMMES



Incubator Programme

The Incubator program provides early-stage assistance to help startup cross technological barriers to commercialization while encouraging private sector investment. The 10-week program consists of hands-on expert sessions with seasoned entrepreneurs, growth sessions to keep yourself and your peers accountable for your growth and networking events that connect you to experienced mentors, relevant service providers and potential investors.



Accelerator Programme

This program is a fixed-term, cohort-based that include mentorship and educational components and culminate in a public pitch event or Demo Day. While traditional business incubators are often government-funded, generally take no equity, and rarely provide funding, accelerators can be either privately or publicly funded and cover a wide range of industries.



Small Business Entrepreneur

This program is a perfect match for early idea form startups. Whether it is a tech-based startup or traditional small business, we are here to help, guide and connect you with right people! This program is available for WIUT students, alumni & staff!



Empowering Female Entrepreneurs Program

This program gives enterprising females the knowledge, networks and access they need to launch and scale successful businesses.



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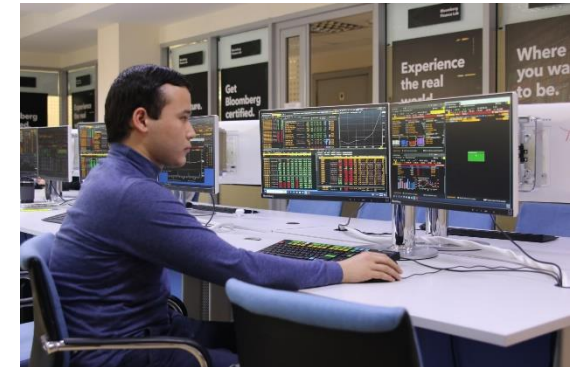
CORPORATE INNOVATION

Bloomberg

Launched on April 17, 2019

The Bloomberg Lab is equipped with 12 Bloomberg Terminals, through which users can access current and historical stock prices, currency exchange rates and quotes on world exchanges and many over-the-counter markets. Besides, there are news feeds and other real-time media resources on the Bloomberg Terminal.

Such labs operate as part of a Bloomberg for Education project at universities around the world. It provides a “dealing room” environment at higher educational institutions, which allows students to learn about real-time financial market operations.



Bloomberg

WIUT

Bloomberg Global Trading Challenge 2021/2022/2023

Total Participants: 5000+ university teams

WIUT's Best Results: 1% Globally (top 23 of 5000+)

Intra-WIUT Trading Challenge 2023

Total Participants: 30+ students

WIUT's Best Results: 5 Team Category Winners/ 1 Individual Category Winner



Bloomberg Certification

WIUT



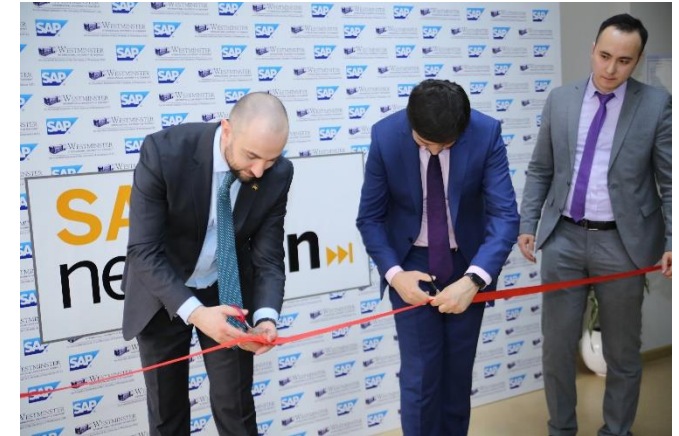
Bloomberg Market Concepts (BMC), also known as Bloomberg Certification, is a self-paced e-learning course that provides a visual introduction to financial markets and the core functionality of the Bloomberg terminal.

Bloomberg Environmental Social Governance Certificate (ESG) is a self-paced; interactive e-learning course that shows learners how to implement ESG strategies and prepare ESG reports for regulators through the lens of a fictitious buy-side asset management firm.

Bloomberg Finance Fundamentals (BFF) is a self-paced, interactive e-learning course that provides an introduction to the key concepts involved in finance and investment.

Launched on March 26, 2019

The laboratory was created with the support of SAP Next-Gen Lab, and the purpose of active cooperation and training of highly qualified personnel at the international level for the realization of the task, determined by the strategic and operational areas of the priority development of the Republic of Uzbekistan, and the expansion of the development of personnel training and practical research in the area of modern ICT innovative solutions for business.



What we offer:

- Global Knowledge Sharing Sessions
- Certificate Courses
- Online Courses
- Student Zone SAP Learning
- SAP Teched
- SAP S/4HANA Academy 2021

Welcome to the student zone of SAP Learning

Discover who we are, find out what we do, and if it makes you curious to explore more, start learning and check out some of the career opportunities!

Our SAP Learning Journeys for students are 100% free!

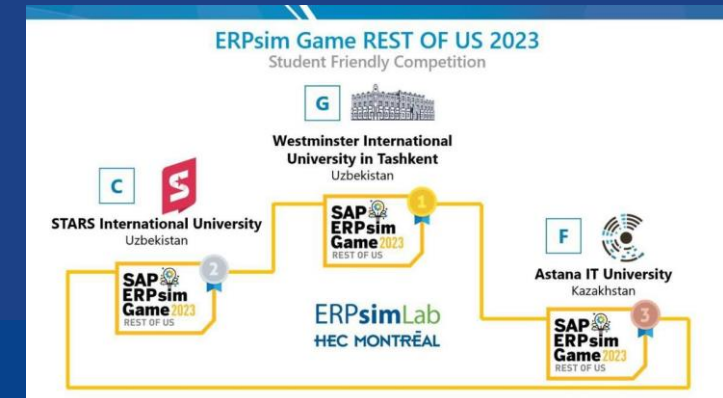






SAP ERPsim Game Rest of Us 2023

- SAP ERPsim Game is a joint project of the ERP Sim Lab of HEC Montreal & SAP University Alliances. It is a virtual competition in which students can manage their own virtual company in a competitive market with teammates.
- SAP ERPsim Games Rest of Us 2023 was held between 3 countries: Uzbekistan, Kazakhstan & Azerbaijan.
- WIUT team gained the maximum amount of points and got the qualification to participate in SAP ERPsim International Competition!





ADB CAREC University Innovation Exchange Programme (UIEP)



The most awaited ADB CAREC UIEP was launched on the 16th of July 2023. The program gathered pre-seed startup teams from leading universities in Kazakhstan, Uzbekistan, Azerbaijan, and Georgia. It aims to foster cross-border collaboration and unlock the vast potential of the region for innovation and entrepreneurship.

The CAREC UIEP holds a broader vision of building a supportive community of young entrepreneurs and providing them with the necessary resources for sustainable ventures in the region. The UIEP is a two-week in-person programme that involved 4 universities from CAREC countries, Westminster International University in Tashkent (Tashkent, Uzbekistan), Azerbaijan State Economic University (Baku, Azerbaijan), Almaty Management University (Almaty, Kazakhstan) & Georgian-American University (Tbilisi, Georgia).

Each participant had a chance to travel and explore startup ecosystem, complete workshops, pitching & mentoring sessions, joined networking events in four different countries.



Startup Industries



Edtech



Artificial
Intelligence (AI)



Virtual Reality (VR)



Traveltech



Entertainment



Medtech



Delivery Services



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OUR STARS



Startups founded & supported by innoWIUT



Unlocking the power of AI for Enterprises



KUTMA



Boost



e-med

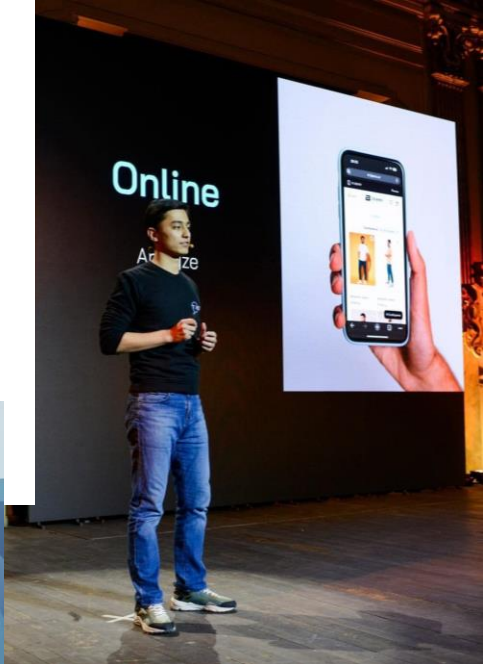


abquick

StomaCRM



FALLING WALLS SCIENCE SUMMIT
THANK YOU AND SEE YOU NEXT YEAR
SAVE THE DATE 7-9 NOV 2024



Plug and Play's track record in fostering innovation and growth is unparalleled, and we're excited to leverage their expertise and resources to enhance our capabilities and reach.

Azamat Khamidov, Co-founder & CEO

PLUGANDPLAY



Participated in following international accelerators

500 Global Accelerator

The logo for the 500 Global Accelerator, featuring the number '500' in a large, bold, black serif font.

Google for Startups Accelerator

The logo for Google for Startups, featuring the word 'Google' in its multi-colored font followed by 'for Startups' in a grey sans-serif font.

Plug & Play Accelerator

The logo for Plug & Play Accelerator, featuring the words 'PLUGANDPLAY' in a bold, dark blue, all-caps sans-serif font.

Startup Events:



- On June, 11th, 2021, WIUT had a chance to hold the **Falling Walls Lab (FWL)**. The **FWL** came to Tashkent for the 4th time with the support of **the Embassy of the Federal Republic of Germany in Tashkent and DAAD**

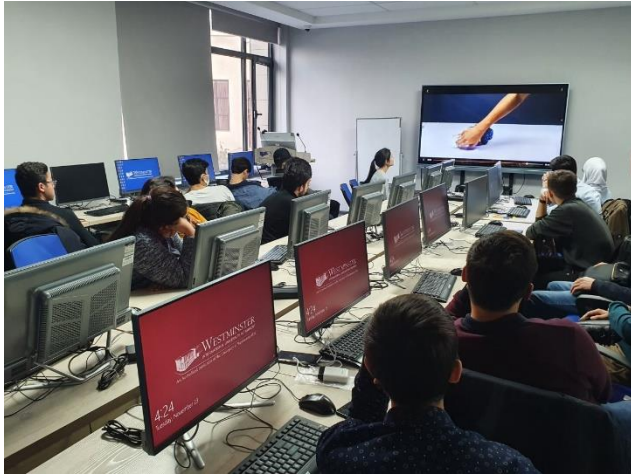
- On March, 17th, 2022, **Entrepreneurship Demo Day** was held between startup teams from WIUT and UoW, for their chance to win prizes from a **£5000 fund**

- On April 1st, 2023, **Venture Crawl International Pitch Competition** was held between startup teams from UK, USA & Uzbekistan from 15+ universities internationally, for their chance to earn a title of **Venture Crawl Champion**. Main organizer of the event King's College London.

On the 17th of October, the innoWIUT Entrepreneur's Lab and UNDP jointly organised an Ideathon event during the "InnoWEEK 2023", an interactive competition designed to engage university students dedicated to the International Day for the Eradication of Poverty and Creative Education and Innovation.

innoWIUT Academy

WIUT



ARDUINO COURSE

Arduino board uses a variety of microprocessors and controllers.

At the end of Arduino Course every participant will come up with unique final project!



VR COURSE

Virtual Reality (VR) is integrated into our present and in the coming years it will lead to advances that will shape the future. At the end of VR Course every participant will come up with unique final project!



innoCOURSE – Entrepreneurship Journey

Fundamentals of Entrepreneurship on how to create and run your own startup/business.

Internship Programme at inno

WIUT



Team innoWIUT



Sarvar Djalalov

Director



Marufjon Boymurodov

Entrepreneur in Residence



Shakhzod Tulkinov

Bloomberg Lab Assistant



Shukrullo Abdurakhmonov

Intern

Our Partners

UNIVERSITY OF
WESTMINSTER



Bloomberg



Deutsche Botschaft
Taschkent



Future Laboratory
Innovation Consulting and Management



浙江工商大学
ZHEJIANG GONGSHANG UNIVERSITY

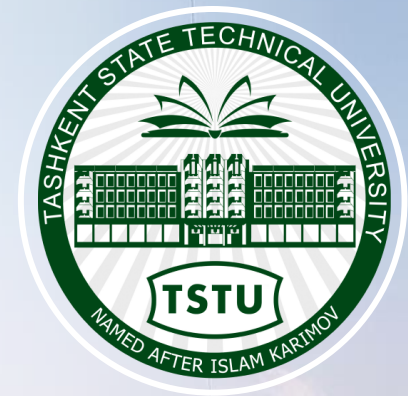




Thank you for your attention!

inno.wiut.uz

inno@wiut.uz



Tashkent State Technical University

Shavkat Azimov — *Head of International
Cooperation Department*

TASHKENT STATE TECHNICAL UNIVERSITY

OUR MISSION

The main mission is to provide comprehensive support to startup projects based on new promising directions based on production, innovations and technologies.

OUR VISION

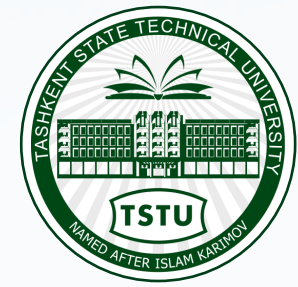
We see a vibrant environment where entrepreneurship flourishes, innovation thrives, and game-changing ideas impact the future. Our goal is to provide an environment that values innovation, resiliency, and teamwork so that partners, instructors, and students may come up with ground-breaking answers to the world's problems.

OUR GOALS

- Empowering Entrepreneurs
- Fostering Innovation
- Building an Entrepreneurial Ecosystem
- Advancing Research and Development
- Global Engagement and Impact



Fields of activities



Incubation/Accelerator Program

We are dedicated to extend beyond the walls of the university to encompass a vibrant entrepreneurial ecosystem that supports startups, accelerates growth, and attracts investment. We actively engage with industry partners, government agencies, investors, and community stakeholders to create a supportive environment for entrepreneurship to thrive.

Corporate Innovation

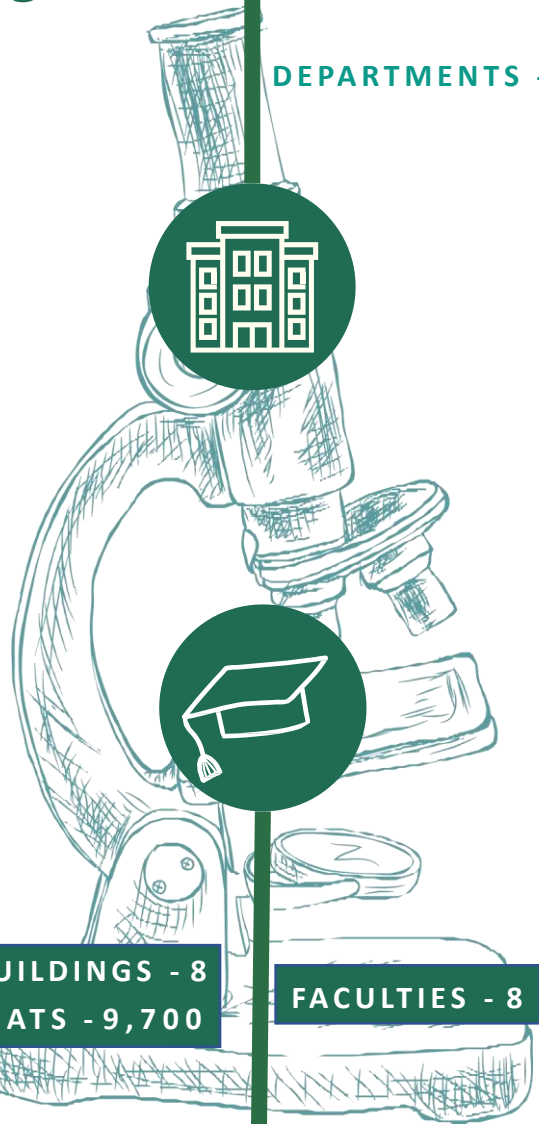
We are committed to advancing cutting-edge research and development in key areas of innovation and entrepreneurship. Our students collaborate on pioneering projects that drive technological advancement, spur economic growth, and address global challenges in areas such as health, sustainability, and social impact.

Business Consultancy

We believe to nurturing the entrepreneurial mindset and skills necessary for success in a rapidly evolving world. Through experiential learning opportunities, mentorship programs, and hands-on training, we empower individuals to identify opportunities, overcome challenges, and turn ideas into impactful ventures.



UNIVERSITY ACTIVITIES



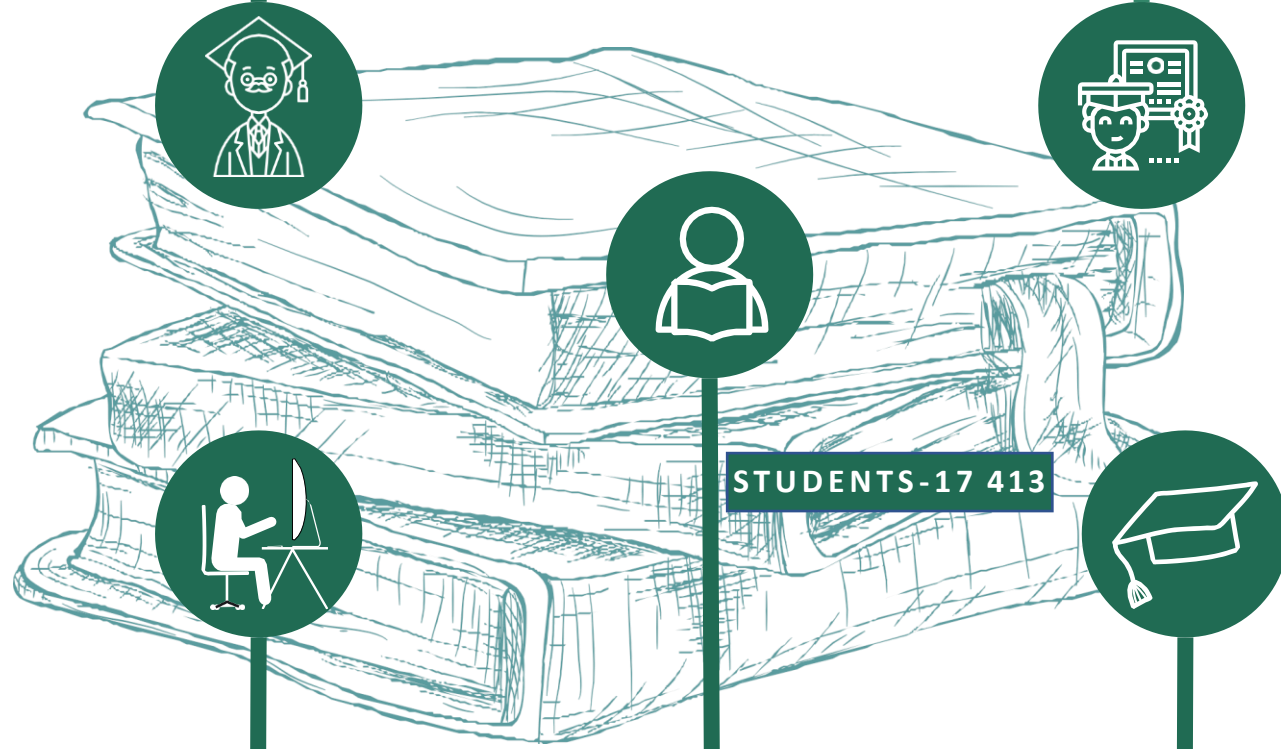
DEPARTMENTS - 60



STUDY BUILDINGS - 8
TOTAL SEATS - 9,700

FACULTIES - 8

LABORATORIES - 48



ACADEMICIANS - 5,
DSc - 148, PhD - 388








STUDENTS - 17 413

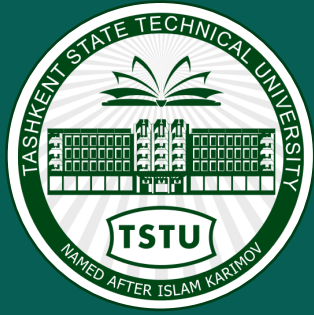


STAFF - 1060

MASTER
PROGRAMS - 72

UNIVERSITY RECOGNITION IN INTERNATIONAL RANKINGS

	2021	2022	2023	2024 Plans
	351-400 rank in QS (EECA)	Position 551-600# in QS Asia University Rankings In the ranking of universities in Central Asia-29#	QS Asia University Rankings #501-550 and QS Central Asia University in #25th place.	400-450# in ranking Asia University Rankings QS and 15# in Central Asia University Rankings
	In Impact Ranking 201-850# to get a place Preparing the university for the world university ranking	Impact Ranking 301-1000# Status Reporter in World University Rankings	Impact Ranking 1000+ Status Reporter in World University Rankings	In Impact Ranking will hang the level of the university to 201-850 # and prepare the university for the World University Ranking
	In the Webometrics ranking it ranks 7# among universities in Uzbekistan	In the Webometrics ranking, it ranks 3rd among universities in Uzbekistan	In the Webometrics ranking, it ranks 4th among universities in Uzbekistan	Become one of the top 1000 # universities in the world according to Webometrics.
	-	Greenmetric ranking and 4# place in Uzbekistan	Do not announced	Take 420# place in the Greenmetric ranking and climb to 1# place in Uzbekistan.
	-	520th place in the world ranking and 1# place in the Republic	520th place in the world ranking and 3# place in the Republic	In the future, enter the top 500 # of the world



Innovative Generation Central-Asia University Startup Accelerator Program

Innogen

The InnoGEN Program aims to introduce and implement cutting-edge European startup acceleration techniques within higher education institutions across Uzbekistan. Accelerating the transformation and privatization of state-owned enterprises remains one of the priority tasks of economic reform in Uzbekistan. The impact of the InnoGen program will be felt immediately at the institutional level because the university's Startup HUB will be the coolest place and community where everyone wants to belong

01

Partners.

- National Research University
- Jamk University of Applied Sciences
- Technical University of Munich
- University of Applied Sciences Dresden
- Tashkent State Technical University
- Karakalpak institute of agriculture and agrotechnologies
- Samarkand Agroinnovations and Research University
- Navoi State University of Mining and Technologies

02



Startup Industries



Education



Artificial
Intelligence (AI)



Technology



Robotics



Medtech



Others

PERSONS RESPONSIBLE FOR START-UP COMPETITIONS AT THE UNIVERSITY



Position: Vice-Rector for
Scientific Affairs and Innovation

Donayev Sardor Burxanovich

E-mail : donayevs@tdtu.uz

Phone: +998 71 207 09 77



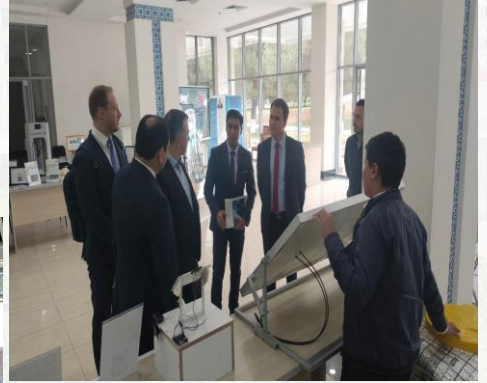
Head of the department for
organizing scientific research
activities of talented students

Muxiddinov Qobiljon

E-Mail: m_qobul@yahoo.com

Phone: +99 871 227 10 32

From the Startup competition organized in the 2023-2024 academic year



Examples of projects:



About the author of the project:

Xudoyberdiyev Shavkatjon Nurmatjon o'g'li

Tashkent State Technical University,
graduate student
Born in Fergana region,
26 years old

Author of 3 projects

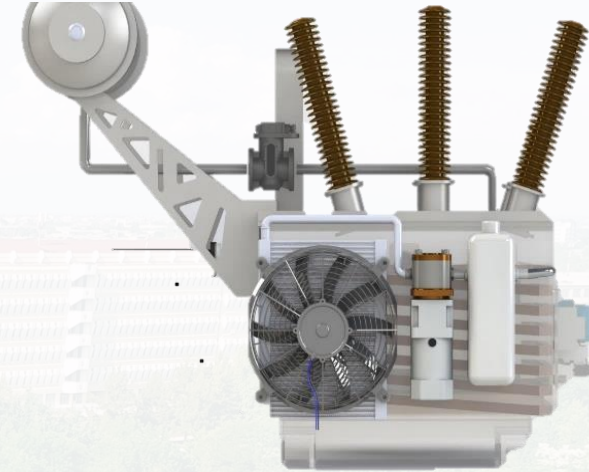
Project name:

AUTOMATED COOLING SYSTEM FOR TRANSFORMER FIRE AND EXPLOSION PROTECTION

About of project: This project is related to the field of electric power and is an automated cooling system device that protects transformers from fire and explosion. It is used for explosion, fire, remote detection and control of loads in various networks, transformer temperature control and cooling in electric transformers.



Electric energy



Examples of projects:



About of author:

Kholmakhmadova Elinur
Tashkent State Technical
University,
Tashkent city. 22 years old
Author of 2 projects

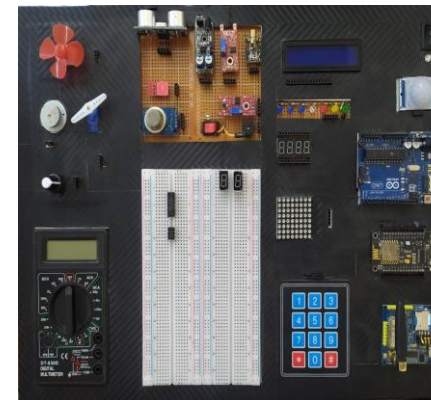
Pest control and pest control can solve a variety of problem situations and problem areas



About of project :

Aslanov Diyorbek
Tashkent State Technical University,
3rd year student, 21 years old.

Educational laboratory stand for teaching electronics, programming of microcontrollers, control of various devices through them for all educational institutions.





THANKS FOR ATTENTION!

TASHKENT - 2024