

TUIT

Training in the
field of ICT



TUIT 2019

Training in the field of ICT

Javlon Abdujalilov

**Head of international relations department of
TUIT**

interdep@tuit.uz

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History: TUIT

- 1955 - Tashkent Electro technical Institute of Communication (TEIC) was established.
- 1993 - Special faculty for training of signalmen officers was established.
- 1997 - Boarding – school and Academic lyceum attached to the Institute started its activity.
- 2002 - In accordance with the decree of the President of the Republic of Uzbekistan, TEIC was renamed as Tashkent University of Information Technologies (TUIT).
- 2005 - Regional branches of TUIT were established in Karshi, Nukus, Samarkand, Urgench and Fergana.
- 2017 - In accordance with the decree of the President of the Republic of Uzbekistan, TUIT was renamed as Tashkent University of Information Technologies named after Muhammad al-Khwarizmi (TUIT).

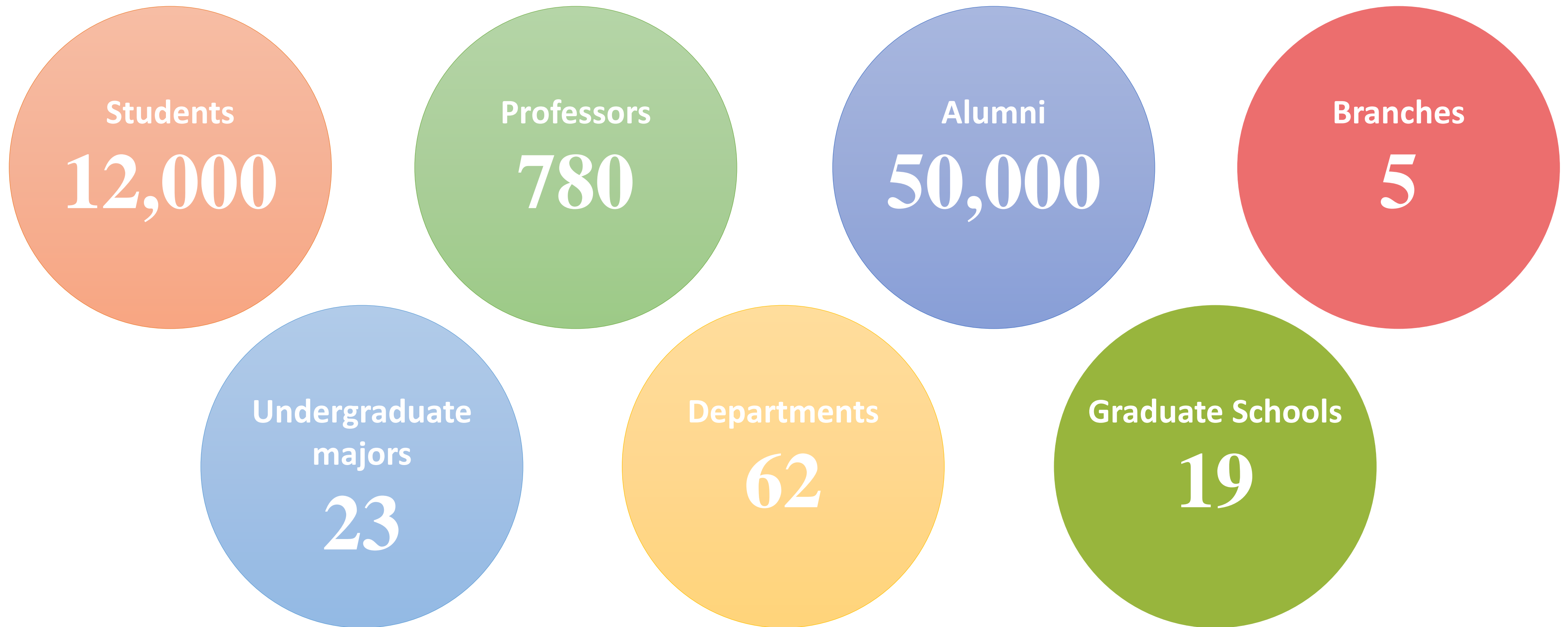


TUIT today



Statistical facts on tuit

According to 2019 info.



Undergraduate majors on tuit

According to 2019 info.

- ❖ Computer Engineering
- ❖ Software Engineering
- ❖ Telecommunication Technologies
- ❖ Television Technologies
- ❖ Economy and Management in ICT
- ❖ Professional Education in ICT
- ❖ Information Security
- ❖ RADIO AND MOBILE COMMUNICATIONS

The faculty of Computer Engineering

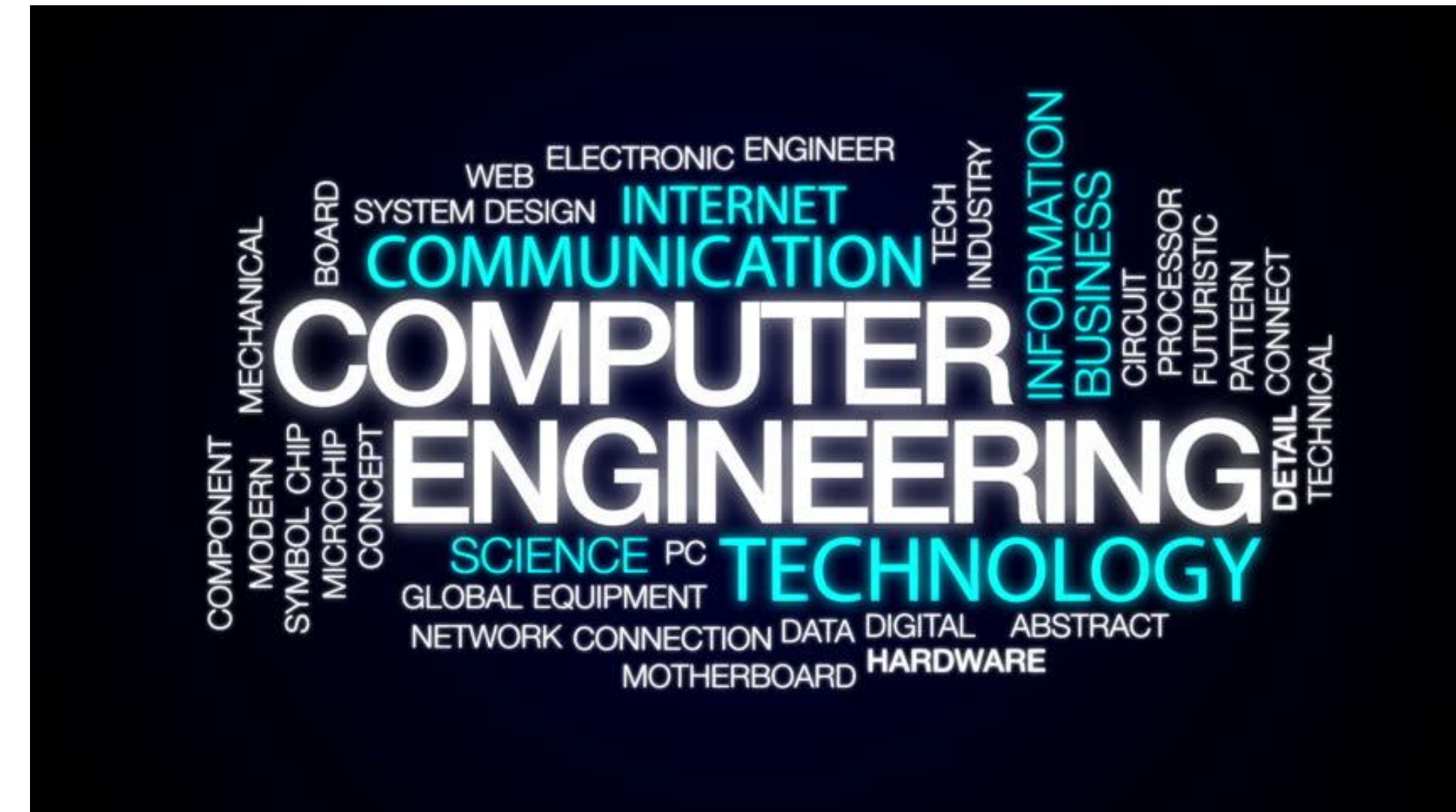
"Computer engineering" faculty was launched on the basis of the President resolution of the Republic of Uzbekistan # PR-1942 "On measures on further improvement of training information and communication technology personnel system" on March 26, 2013 at the Department of "Information Technology". Currently the faculty employs over 80 professors and teachers.

The faculty focuses on educating the following spheres of bachelor degree, namely:

5330500 - "Computer Engineering (" Computer engineering "," IT-Service "," Information Security ","Multimedia technologies") and Master degree as 5A330501-" Computer Engineering ("Computer Systems Design" "Designing application software", "Information and multimedia technologies", "Information security, cryptography and cryptanalysis"), and 5A330502 - "electronic government systems management."

FACULTY DEPARTMENTS:

- Information Technology
- Computer science
- Computer systems
- Multimedia technologies



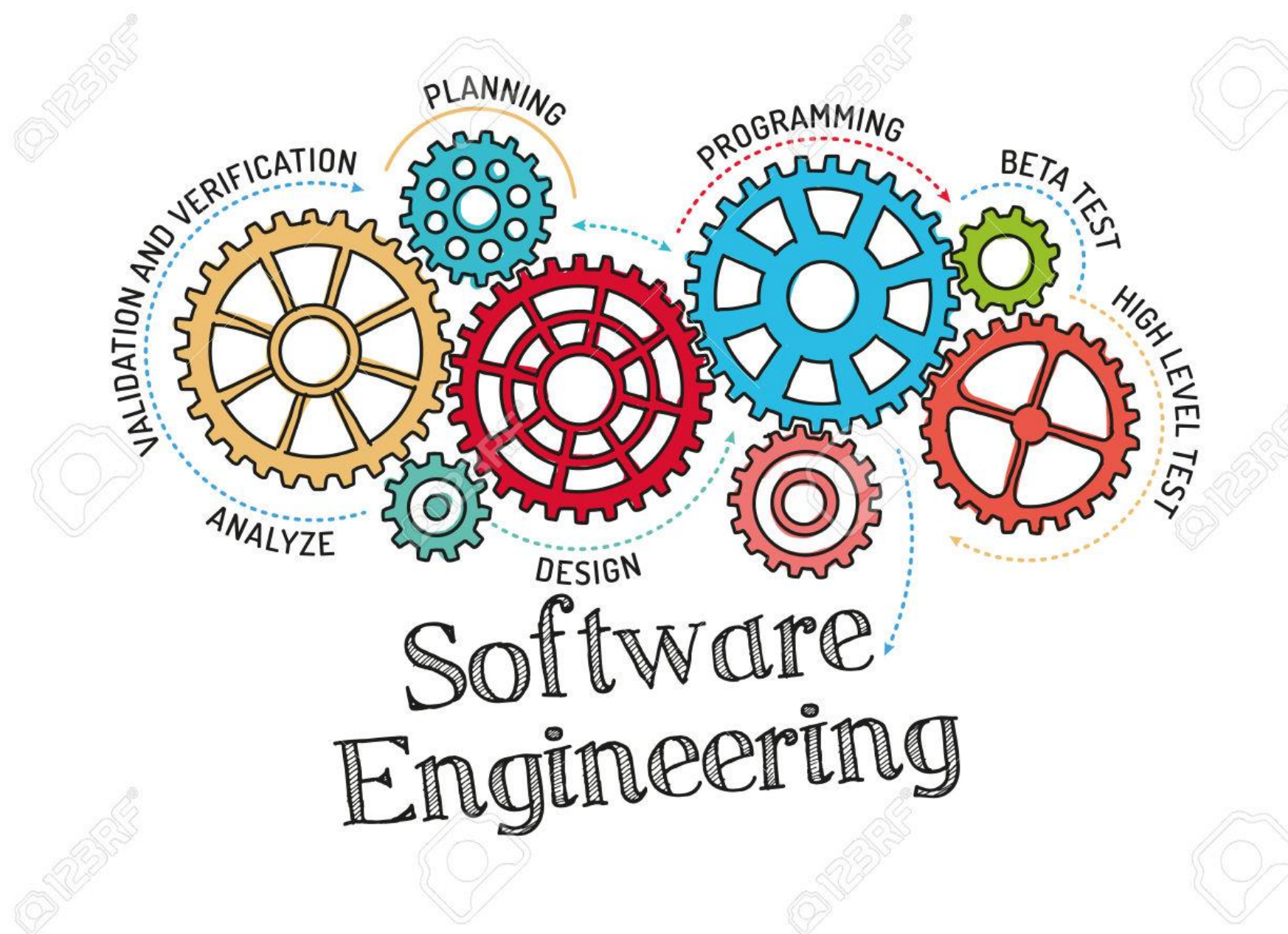
The faculty of Software Engineering

"Software engineering faculty was founded based on the Resolution of the President of the Republic of Uzbekistan № PP-1942" On measures for further improvement in information and communication technology training systems "of 26 March of 2013.

The faculty prepares undergraduate and graduate specialists with a degree in management and development of computer software and mobile devices for conservation, processing and transmission of data, for the development of programs for computer and telecommunication systems and networks, as well as for database management programs.

FACULTY DEPARTMENTS:

- Higher mathematics
- Software information technologies
- System and application programming
- Algorithmic and mathematical modeling



The faculty of Information Security

In order to fulfill the tasks set out in paragraph 10 of the work plan of the Cabinet of Ministers for the first half of 2016, approved by the Decree №5 of the Presidium of the Cabinet of Ministers of the Republic of Uzbekistan dated January 25, also on the proposals of the Ministry of Development of Information Technologies and Communications of the Republic of Uzbekistan on the establishment of "Information Security" faculty and specialization departments at the TUIT, as well as the establishment of the "Information Security" faculty at TUIT by the Meeting of the Technical Council for Security on the Information Security of the Republic of Uzbekistan dated July 18, 2016, protocol №3, and in accordance with the Decision of the Council of the Tashkent University of Information Technologies №1 (661) dated August 29, 2016 on the change of the organizational structure of the university, "Information Security" department under the "Computer Engineering" faculty was transferred into the "Information Security" faculty, and in this faculty there have been established Department of "Information Security" and "Cryptology and Discrete Mathematics" department.

FACULTY DEPARTMENTS:

- Information Security
- Cryptology and Discrete Mathematics

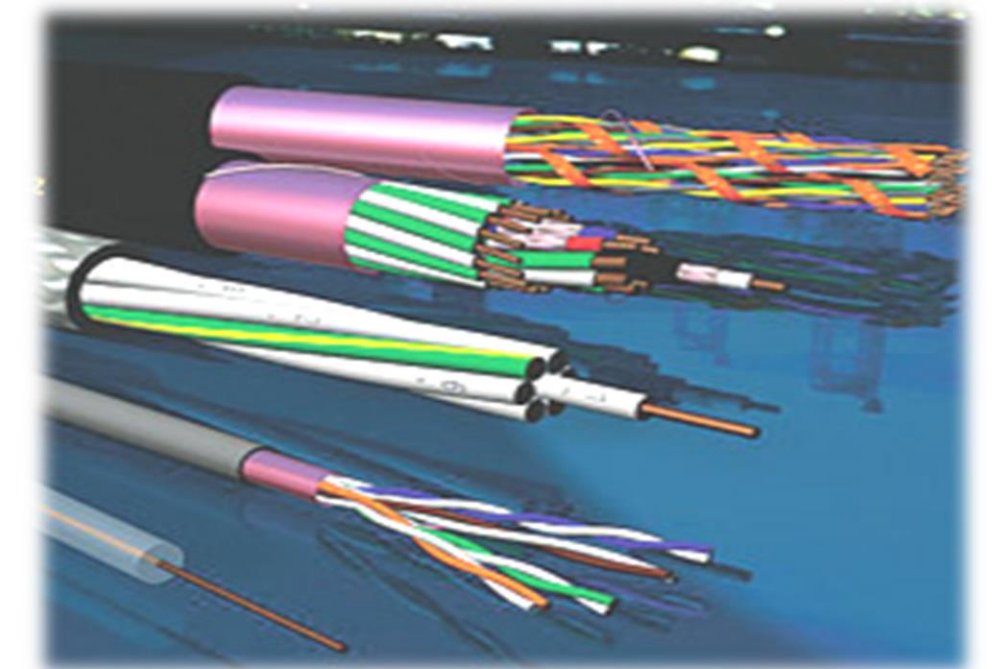


Faculty of Telecommunication Technologies

The first faculty of the Institute was founded in 1955, it was the Department of telephony and telegraphy. Today, the faculty is called telecommunication technologies. In the laboratories of the faculty departments, students work with modern equipment and study access networks and transport networks with fiber-optic communication lines. Thanks to cooperation with leading companies in the sector University students have the opportunity to undergo training and get in-depth hands-on training on the basis of the powerful resources of telecommunications services operators under the guidance of leading industry professionals.

DEPARTMENTS OF THE FACULTY:

- Hardware and software provision of management systems in telecommunications
- Telecommunication Engineering
- Networks and data transmission systems



Faculty of Television technologies

The division of Television Technologies was founded under TUIT following the decrees number 1088 on April 1, 2009, and 1123 on June 4, 2009, of the President of the Republic of Uzbekistan on measurements to further improve the efficiency of exploiting television and radio tools of advanced technology in the system of Uzbekistan national television and radio company. Based on those decrees, starting from 2009, department of special in absentia was established in order to prepare professionals with wide specialties for enterprises of the National television and radio company of the republic.

FACULTY DEPARTMENTS:

- Power Supply Systems
- TV Studio Systems and Applications
- Audiovisual Technologies
- Physics



Faculty of Radio and Mobile Communications

The faculty trains specialists in the field of data transmission via satellite, radio relay and mobile communication networks, design and operation of broadcasting systems and digital television.

The faculty trains multifunctional specialists for working out and operation of radio transferring equipment, radio reception and television centers, audio recording studio, broadcasting and radio service systems, a radio communication, radio relay lines, satellite systems of radio communication and broadcasting, aerials and devices of the microwave technique, cellular and paging communication systems, applied and a cable television etc.

DEPARTMENTS OF THE FACULTY:

- Electronics and radio engineering
- Mobile Communication Systems
- Systems of TV and Radio Broadcasting



Faculty of Economy and Management in the Field of ICT

Engineering economics department was organized according to the order of the Ministry of Communications of the Republic of Uzbekistan No. 175 of May 20, 1996. On February 1, 2003 in connection with renaming the Tashkent electro technical institute of communication to the Tashkent University of Information Technologies, the faculty received the name "Economics and Management". In 2013 the faculty was renamed to the faculty of "Economics and management in the sphere of ICT".

Graduates of faculty may work in economical departments, technological services in the sphere of communication, joint-stock and private enterprises, in project organizations and the social sphere, as well as in the sphere of a Postal service.



DEPARTMENTS:

- Foreign languages
- Postal Communication Technology
- Management and marketing
- Economy in the field of ICT

Faculty of Vocational education in the field of ICT

The faculty is founded in 2011 and is the leader on preparation and retraining professional - teachers in sphere of computer science and information technologies.

DEPARTMENTS OF THE FACULTY:

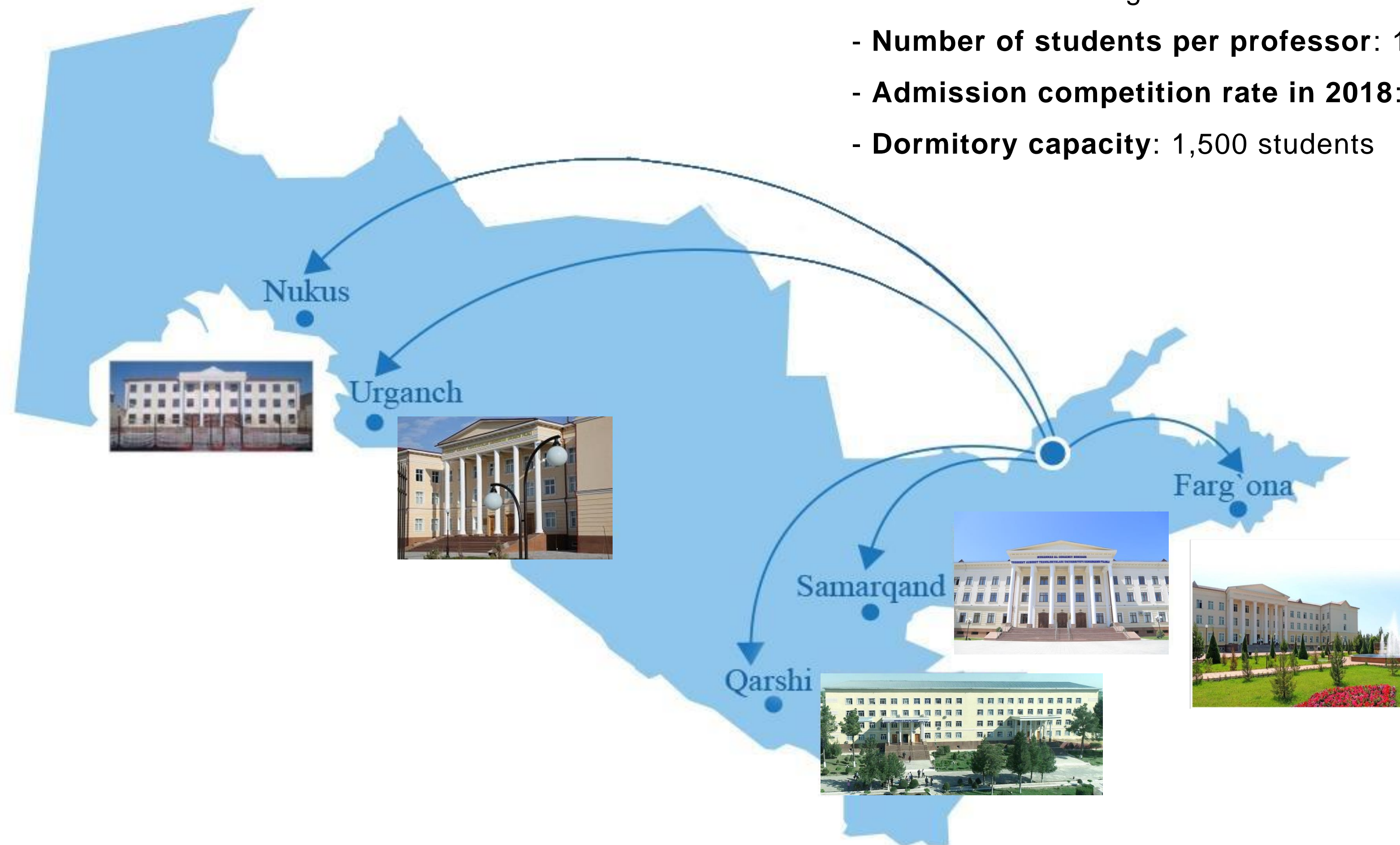
- Information Education technology
- Department of Physical training
- Department of Uzbek and Russian languages
- Department of information-library systems
- Humanities



Outstanding infrastructure in education

According to 2019 info.

- **Regional branches of:** Karshi, Nukus, Urgench Samarkand and Fergana
- **Number of students per professor:** 11 students
- **Admission competition rate in 2018:** 12/1
- **Dormitory capacity:** 1,500 students



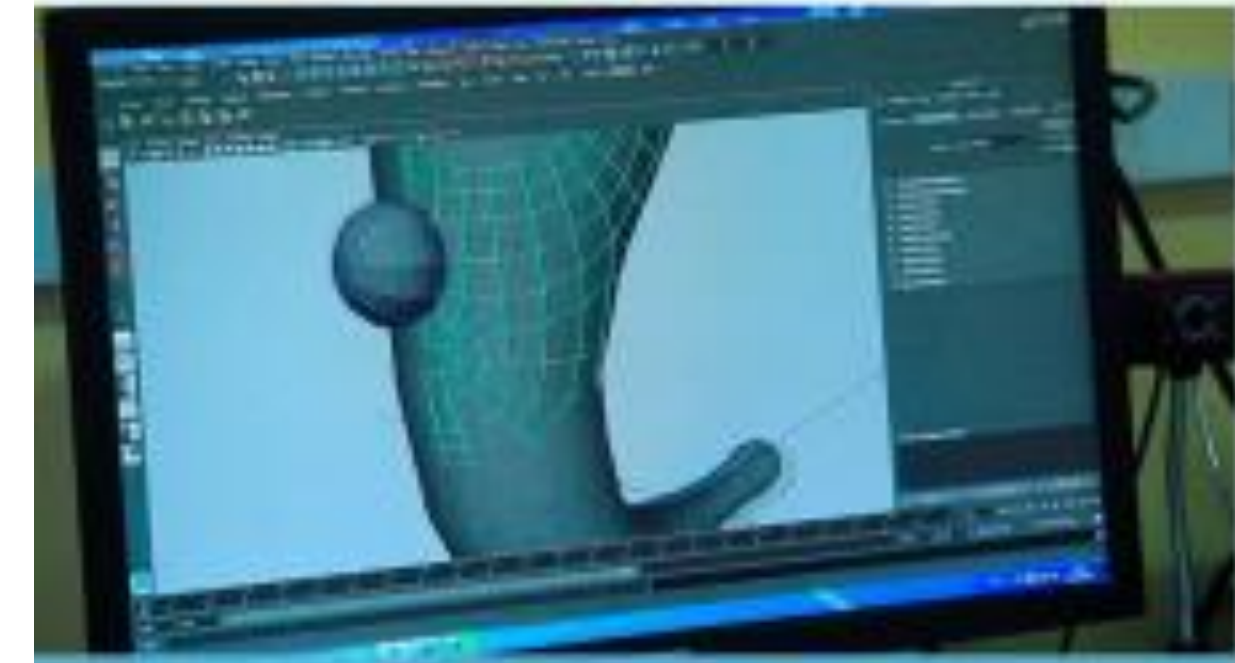
Laboratories



Robotics laboratory



Ubiquitous healthcare
laboratory



3D technologies and
computer animation
laboratory



Multimedia laboratory



Oracle laboratory



GIS lab (**Planning**)

Laboratories



Laboratory of data network (Corporation ZTE)

Opening ceremony of “ZTE Corporation Laboratory of Data Transmission Network” was held on 5 th of September 2012 in TUIT.



Laboratory of mobile systems (UCell)



Educational laboratory of mobile communication systems on the CDMA-450 standard (Uzbektelecom)



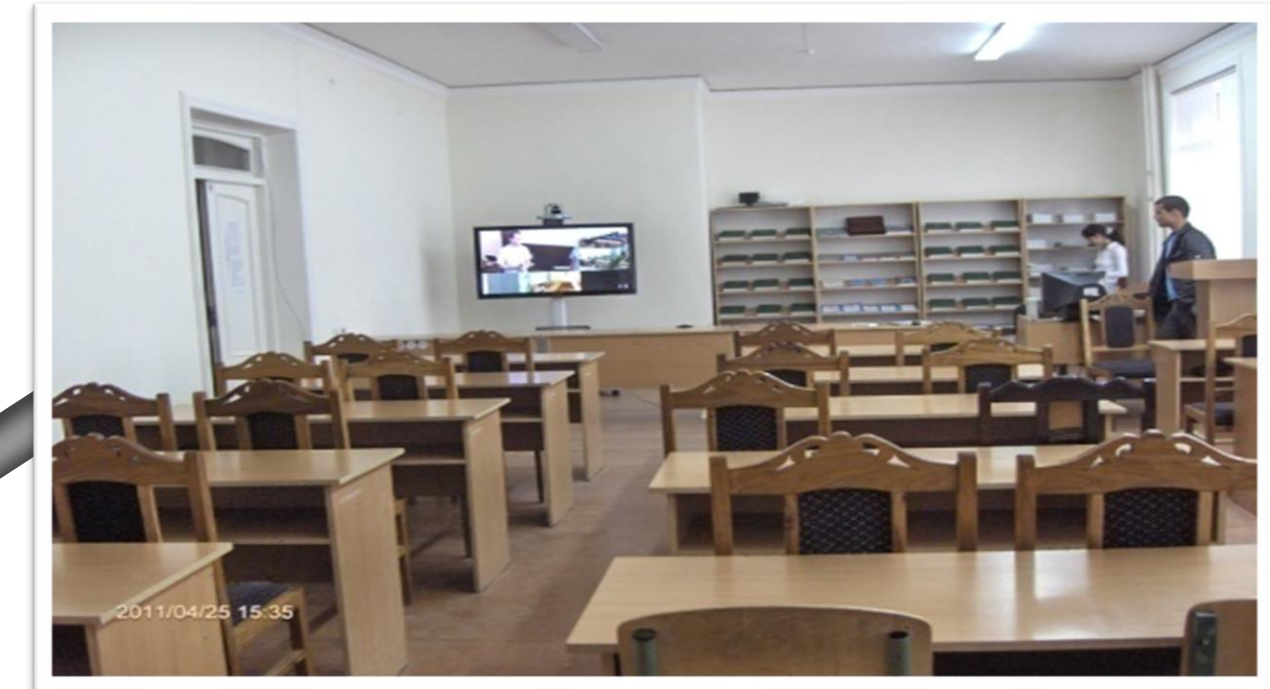
Laboratory of Modern telecommunication transmission systems



Videoconferencing between TUIT and its branches



Samarkand branch



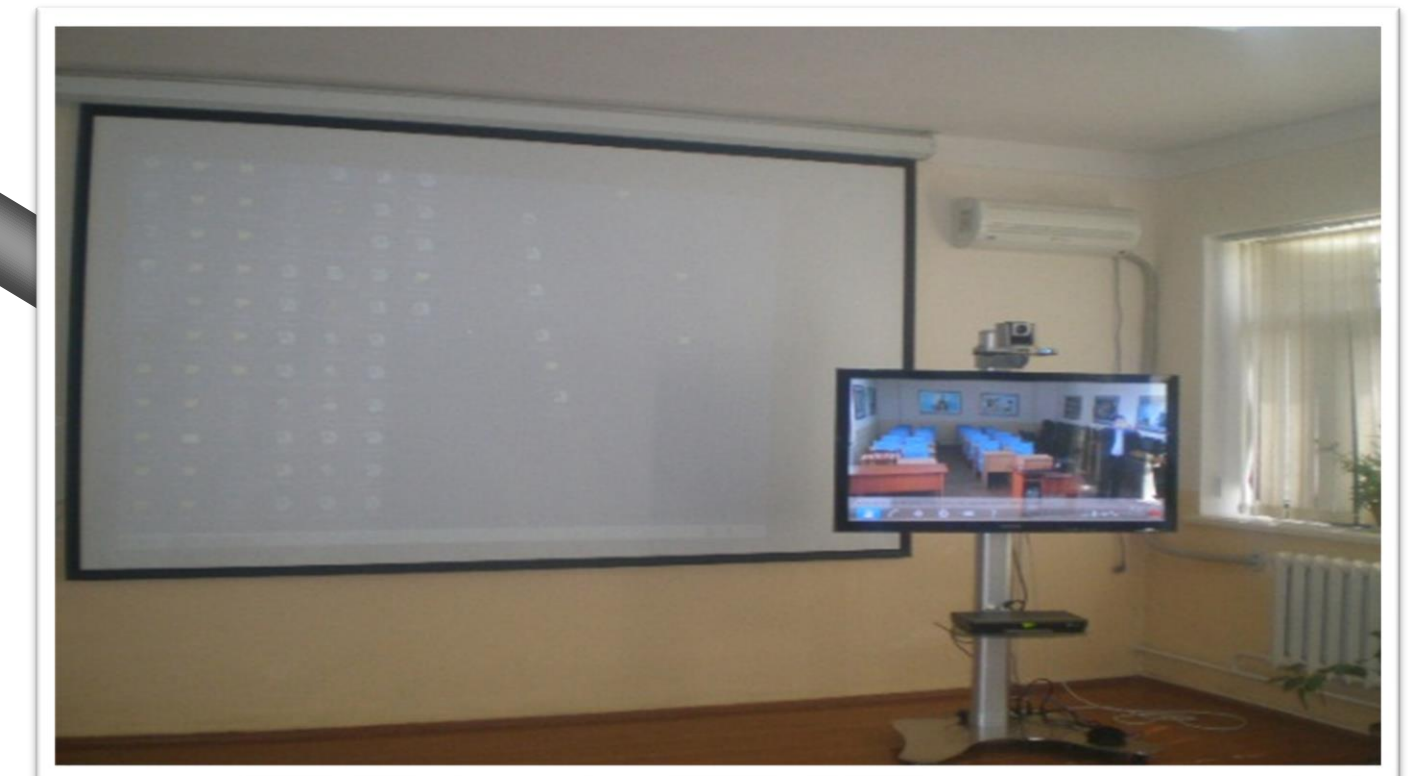
Urgench branch



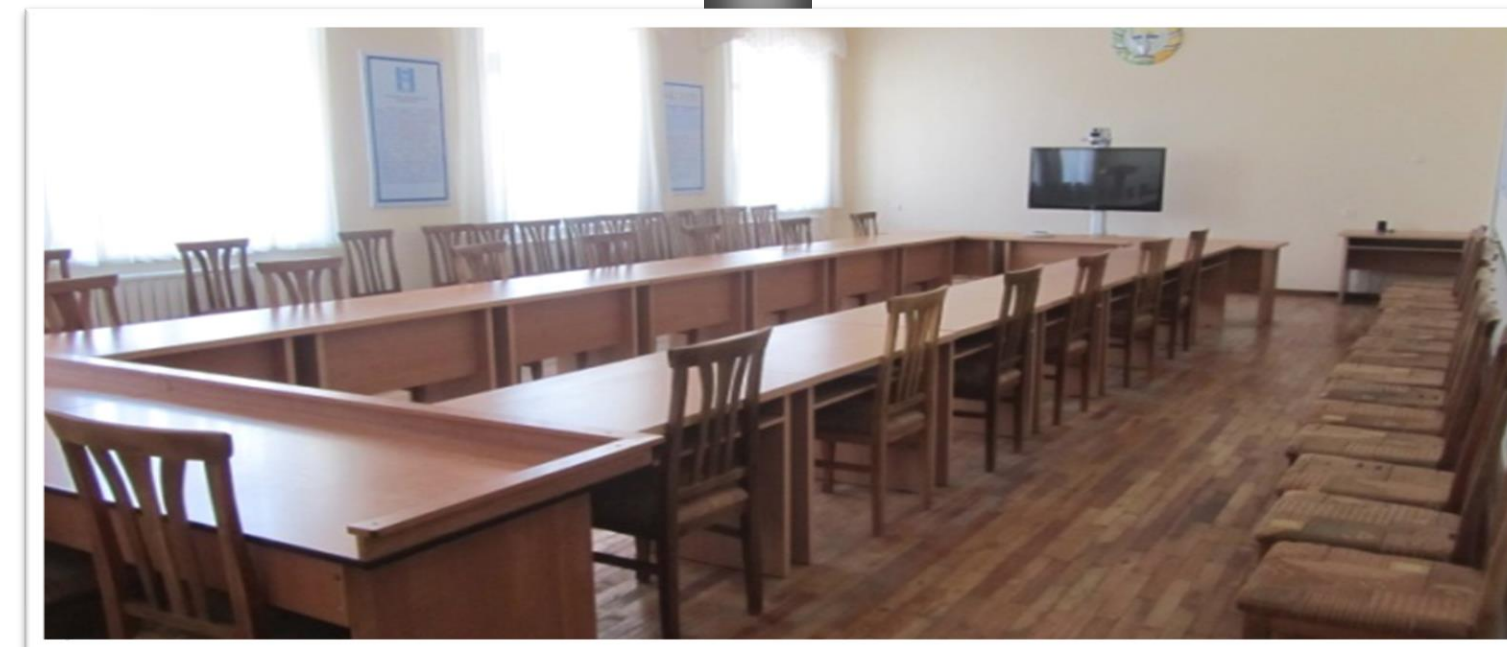
TUIT



Nukus branch



Karshi branch



Ferghana branch

International cooperation

According to 2019 info.

Partner countries

26

Partner companies

24

International
Students

14

Partner Universities

47

Partner scientific
centers

8

Dispatching
students per year

~30

International relations

University has established cooperation with 26 foreign countries' (such as South Korea, Japan, Germany, France, India) 42 universities, 8 research centers, 12 companies and organizations.

Thanks to international cooperation in recent years, there 16 teaching laboratories, 9 computer classrooms, 4 education centers: the Uzbek-Indian Center of Information Technologies, Uzbek-Korean Center for Information Technologies, "Plaza" Uzbek-Korean Center, regional academic center "CISCO" have been formed.

As a result, at the beginning of 2017-2018 academic year, 52% of the total number of teachers were able to speak in English.

2018-2019 academic year, the university and its branches began to teach 71 teachers of special subjects in English language.

Several educational centers were created on the base of TUIT in cooperation with foreign partners:

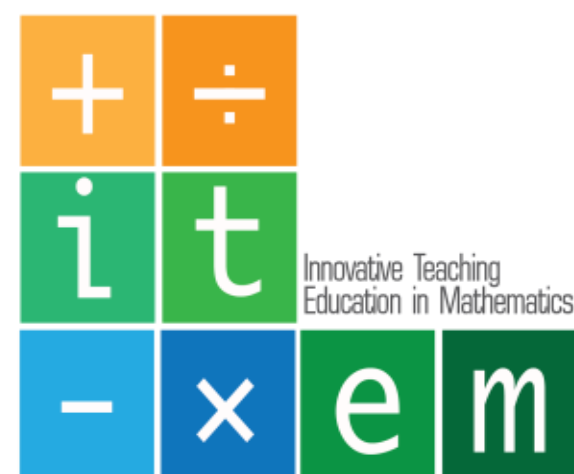
- Uzbek-Indian center for information technologies named after Jawaharlal Neru (India);
- Uzbek-Korean center for internet access – Internet Plaza (KADO, South Korea);
- Uzbek-Korean center for information technologies (ITIRC, South Korea);
- CISCO center (USA);
- Training and Advisory Centre TUIT-ACA (USA).



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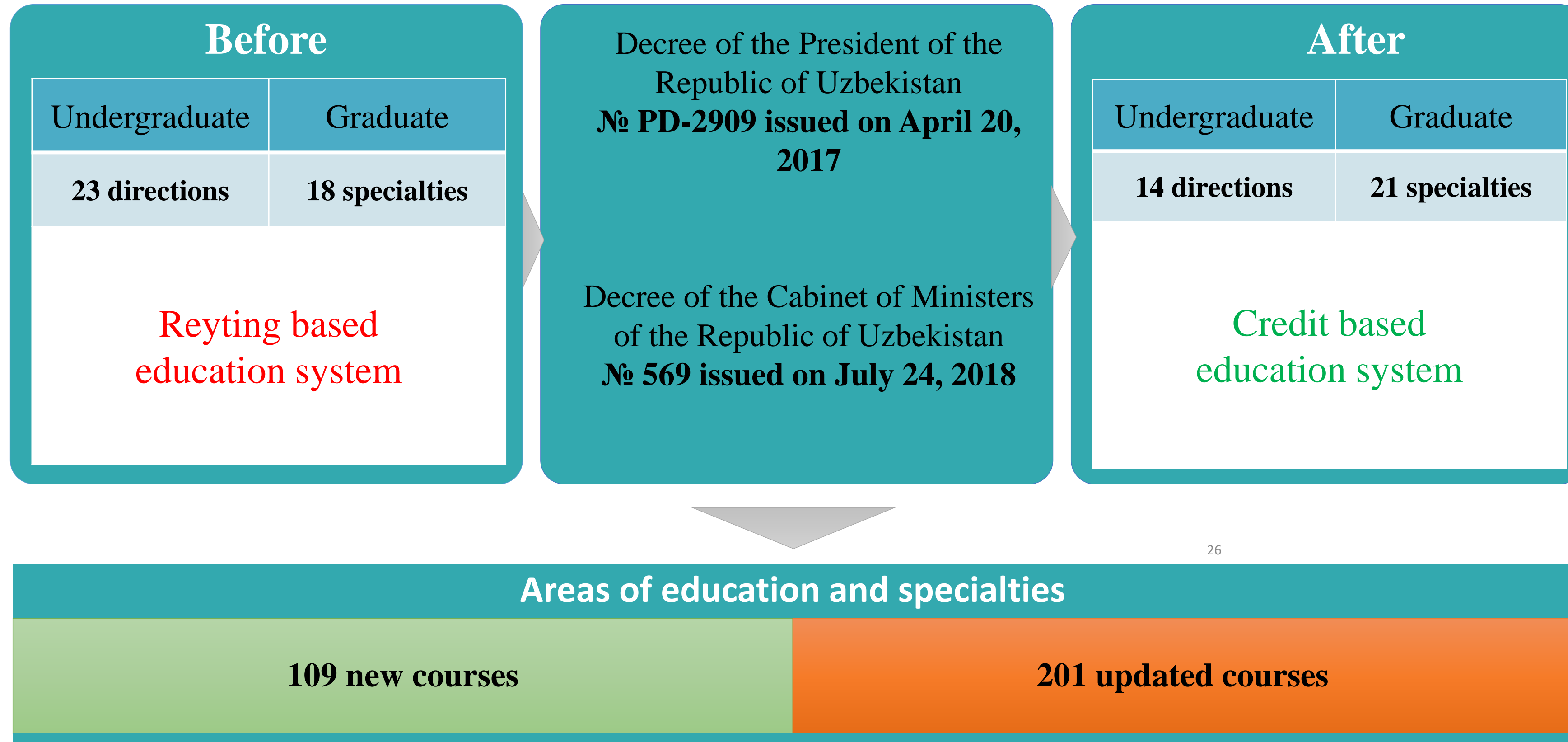


KOICA
Korea International
Cooperation Agency

jica Japan International
Cooperation Agency

Reforms in education system of Tuit

Before and after comparison



26

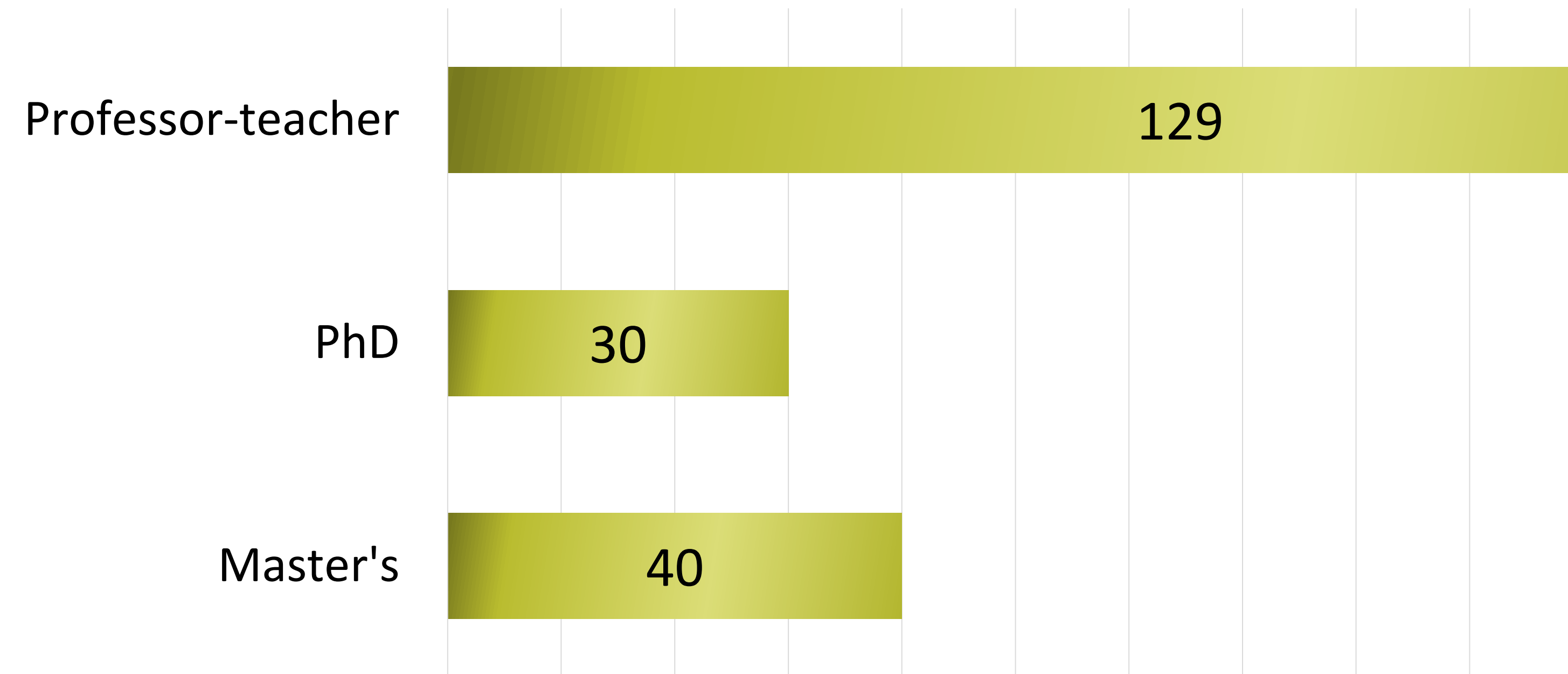
Action plan to PD-2909

for 2017-2021

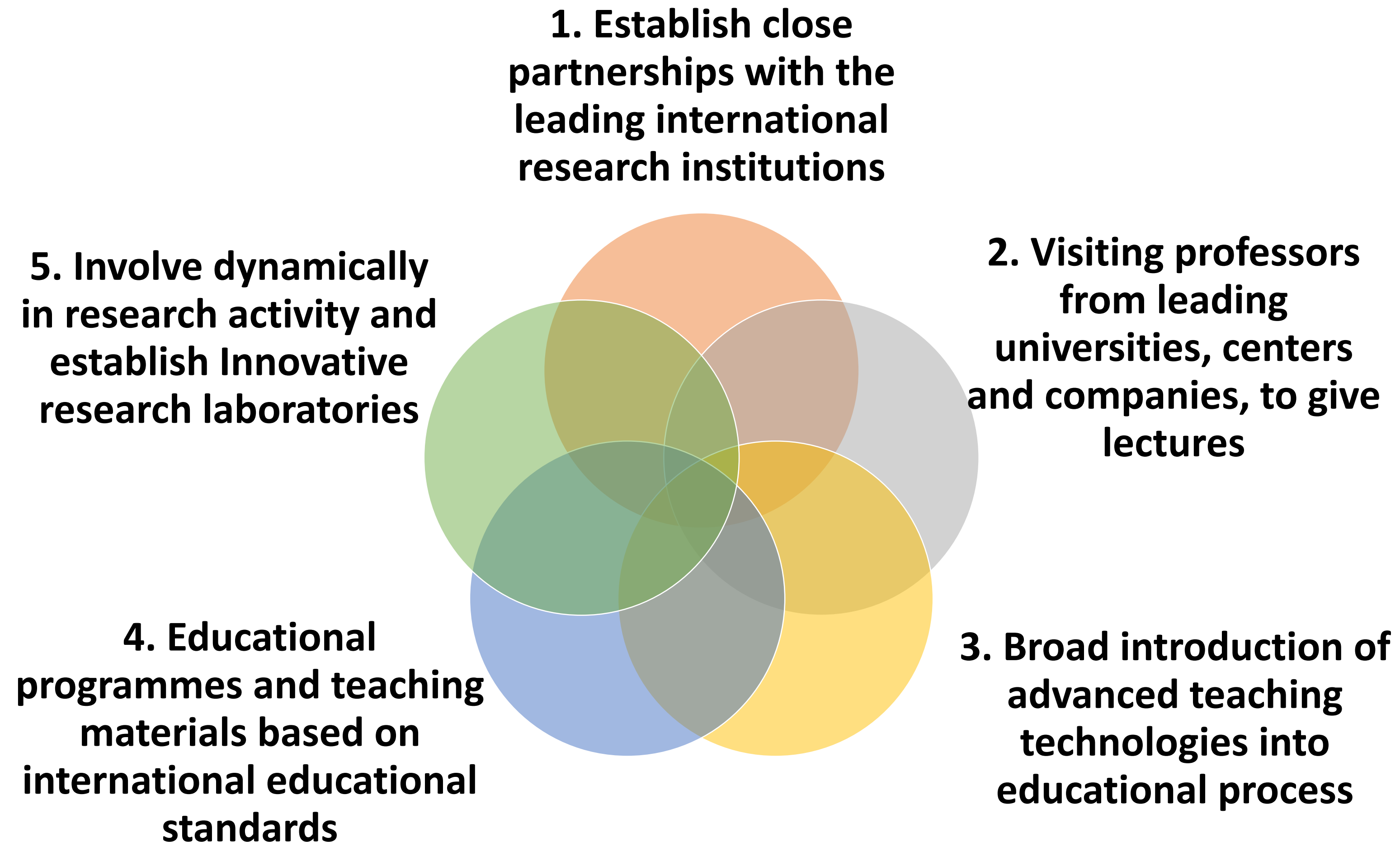
- ❖ determine the priority areas for cooperation of TUIT with the leading profile institutions based on the profile of training and the specifics of research activities.
- ❖ establish and expand the partnership relations of TUIT with foreign specialized educational and scientific institutions in accordance with the priority areas of international cooperation.
- ❖ ensure agreements on inter-university cooperation with foreign specialized educational and scientific institutions-partners.
- ❖ promote the involvement of highly qualified professors and scientists in the educational process of TUIT.
- ❖ organize training courses for pedagogical and scientific personnel of TUIT in leading foreign educational and scientific institutions.

Qualification courses according to PD-2909

Plan for 2017-2021



DIRECTIONS OF DEVELOPMENT according to pd- 2834



contacts



+998 71 235-09-00



interdep@tuit.uz



[tuit international relations
department](#)