



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on the results of the work of the external expert commission on assessment
for compliance with the requirements of the standards of international accreditation
of educational programs (based on ESG)**

“1-49010202 - Technology of milk and dairy products”

Technological University of Tajikistan

Site Visit Dates: from 10 to 12 February, 2020

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"1-49010202 - Technology of milk and dairy products"
Technological University of Tajikistan
from 10 to 12 February, 2020

Dushanbe

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(I) LIST OF DESIGNATIONS AND ABBREVIATIONS

AIS - Automated Information System
ATU - Almaty Technological University
ETF - Engineering and Technology Faculty
HEI - Higher Education Institution
EEC - External Expert Commission
CJSC - Closed Joint-Stock Company
IC - Individual Curriculum
QED - Catalog of Elective Disciplines
MES - Ministry of Education and Science
IAAR - Independent Agency for Accreditation and Rating
RW - Research Work
SRW - Student Research Work
EO - Educational Organization
EP - Educational Program
US - University Staff
WC - Working Curriculum
RT - Republic of Tajikistan
RF - Russian Federation
QMS - Quality Management System
SIW - Student Independent Work
SIWGT - Student Independent Work under the Guidance of a Teacher
TUT - Technological University of Tajikistan
CIS - Commonwealth of Independent States
ECTAS - European Credit Transfer and Accumulation System
GIZ - Deutsche Gesellschaft für Internationale Zusammenarbeit
GPA - Grade Point Average
SWOT - Strengths, Weaknesses, Opportunities, Threats

(II) INTRODUCTION

In accordance with the order No. 2-20-OD from January 13, 2020 of the Independent Agency for Accreditation and Rating, from February 10 to 12, 2020, an external expert commission assessed the compliance of the educational program “1-49010202 - Technology of milk and dairy products” with the Technological University of Tajikistan IAAR international accreditation standards (approved for No. 68-18 / 1-OD of 05.25.2018).

The report of the external expert commission (EEC) contains an assessment of the presented educational program to the IAAR international standards, recommendations of the EEC on further improvement of the educational program and profile parameters of the educational program.

EEC STAFF:

1. **Chairman of the commission** - Akybaeva Gulvira Sovetbekovna, candidate of economic sciences, Astana IT University (Nur-Sultan, Republic of Kazakhstan);

2. **IAAR expert** - Denis Shabanov, Head of Innovation Development Department, Federal State Budgetary Institution National Accreditation Agency in the Field of Education (Russian Accreditation Agency) (Moscow, Russian Federation);

3. **IAAR expert** - Chizovich Veslav Aleksandrovich, Professor, Doctor of Economics, Higher Commercial School (SGH) in Warsaw (Warsaw, Poland);

4. **IAAR expert** - Timurbekova Aigul Kulakhmetovna, professor, candidate of technical sciences, Kazakh National Agrarian University (Almaty, Republic of Kazakhstan);

5. **IAAR expert** - Komilova Dilrabo Abduvalievna, associate professor, candidate of technical sciences, Khujand Polytechnic Institute of the Tajik Technical University named after academician M. Osimi (Khujand, Republic of Tajikistan);

6. **Representative of employers of the IAAR** - Khotamov Bako Tagoevich, deputy General Director of “Gulistoni Dushanbe” OJSC (Dushanbe, Republic of Tajikistan);

7. **The representative of the IAAR students** - Ashurov Shakhrom Sayfiddinovich, the 4th year student of the educational program 1-74060202 "Technical support of the processes of storage and processing of livestock products", Tajik Agrarian University named after Shirinsho Shotemur (Dushanbe, Republic of Tajikistan);

8. **Coordinator from the IAAR** - Timur Kanapyanov, Doctor PhD, Head of the International Projects and Public Relations of the IAAR (Nur-Sultan).

(III) REPRESENTATION OF THE EDUCATION ORGANIZATION

The Technological University of Tajikistan was established by Decree of the Council of Ministers of the Tajik SSR in September 20, 1990 No. 207 as the Higher College of Technology of Tajikistan, in 1991 by the Resolution of the Cabinet of Ministers of the USSR of July 29, 1991 No. 530 and the Resolution of the Cabinet of Ministers of the Tajik SSR of September 29, 1991 No. 266 transformed into Technological Institute of Light and Food Industry. In 1993, by the Decree of the Council of Ministers of the Republic of Tajikistan No. 80 dated February 19, 1993, it was transformed into the Technological University of Tajikistan.

The Technological University of Tajikistan, being one of the leaders of educational institutions of higher professional education of the Republic of Tajikistan, seeks to realize the goals of the state strategy in the field of education, and also focuses on increasing its status in the global educational space.

The Technological University of Tajikistan was among the first to start training competitive specialists in the field of light and food industries and one of the first to introduce a credit system in the educational process.

During its existence, TUT has prepared more than 12,500 highly qualified specialists for various sectors of the national economy, of which more than 600 students graduated with honors.

Currently, the university employs 280 teachers, including 22 doctors and 120 candidates of sciences. The degree of teaching staff is 50.7%. Of the total number of teaching staff, 218 (75%) are full-time employees, of which 109 persons have the degree of candidate and doctor of sciences (50.0%).

5694 students study at the university (as of 1.02.2020), of which 4314 (75.7%) are full-time students, 186 (3.2%) are masters students, 1380 students (21.1%) are students in correspondence and distance form.

In December 2013, the Technological University of Tajikistan was recognized by the Interfax Agency as the only university in the Republic of Tajikistan to be included as the best among 200 universities in the CIS countries. As a result of monitoring by the Interfax Agency among the 400 best universities of the CIS countries, TUT took the 151 place.

According to the results of the ranking of multidisciplinary universities, TUT ranks first in the National Rating of Universities of the Republic of Tajikistan, in the 13th place in 2016, and the 11th in 2018, in 10th place in 2019, which characterizes the continuous growth of the TUT rating among universities of the Republic of Tajikistan.

Personnel with higher and postgraduate education are trained at 8 faculties in 41 undergraduate specialties, 36 master's specialties and 8 PhD doctoral programs. TUT is one of the first universities of the republic, which over the years has been phased implementation of the main provisions of the Bologna process. In the 2005-2006 academic years, work began on the implementation of educational programs on the credit system of education and today practical results have been achieved, both in mandatory and optional and recommendatory parameters of the Bologna process, such as:

- three-tier system of higher education;
- academic mobility of students and teachers;
- quality control of higher education;
- active involvement of students in the formation of educational programs, the organization of the educational process and social work;
- lifelong education, distance and e-learning.

The university has 8 faculties, 19 departments, 3 centers, as well as the Institute of Technology and Innovation Management in Kulob, a branch of the university in Isfara, a gymnasium in Kulob and the Innovative Lyceum "Dushanbe".

The necessary infrastructure of the educational process has been created at TUT. There are 133 classrooms, including 26 lecture rooms, 25 computer classes, 17 laboratories and 65 classrooms for practical and seminar classes. The number of places at the university is 3380, of which 1815 are places for lectures, 625 for practical classes, 598 for computer classes and 342 for laboratory classes. At the university, all laboratories are equipped with the necessary modern equipment, as well as 54 university classrooms equipped with multimedia technologies (electronic boards and projectors). Currently, 819 computers, 247 printers, 94 projectors, 64 electronic boards, 43 scanners and 20 copy machines are used in the learning process.

In 2020, the university plans to introduce modular structuring of educational programs, taking into account a competent approach.

Indicators of the quality of training specialists at TUT are their relevance in the labor market, career achievements and a high level of competitiveness - the employment of graduates has reached more than 74%.

The system of social partnership is built on interaction with consumers; concluded more than 65 contracts with enterprises and organizations for employment and internships; surveys of leaders of practice bases are conducted; the content of educational

programs is updated taking into account the requirements of employers. In 2010, the TUT Association of graduates was organized.

TUT actively uses the capabilities of modern information and communication technologies - it creates its own software products to support the educational process, specialized websites and faculty sites, e-books, video lecture courses, animation of technological equipment, documentaries and information programs are produced.

Scientific activity is organized under the leadership of the Department of Science, scientific structures of faculties and departments with the direct participation of the faculty of the university. Over the past 3 years, the total funding from foreign grants for research projects amounted to more than 625.6 thousand somoni. Accordingly, TUT also carries out research projects financed from the budget of the Republic of Tajikistan, the amount of financing of which for the same period amounted to 1526.2 thousand somoni. The university has a number of scientific schools engaged in research work, which for 2016-2018 received 19 patents of international and national level. For scientific and educational achievements, 5 young scientists at TUT received I. Somoni state awards for young scientists in the field of science and technology, 2 received the A. Sino State Prize, 2 received the S. Umarov State Prize. In addition, the 2nd received a WIPO gold medal, one gold medal named after V. Blinikov and one was awarded the WIPO - 2019 medal, two were awarded the silver and bronze medals "KIWIE-2016" and "KIWIE-2019" in South Korea.

TUT carries out research in accordance with the priority directions of state policy, reflected in state programs for the development of education and science, the development and functioning of industries, innovative development of the Republic of Tajikistan, etc. The research and development at the university reflected state and industry priorities, as well as specialized research areas formed on the basis of state strategies, concepts and programs, in particular:

1. The National Development Strategy of the Republic of Tajikistan until 2030.
2. The medium-term development program of the Republic of Tajikistan for the period 2016-2020.
3. The strategy of innovative development of the Republic of Tajikistan for the period until 2020.
4. The national concept of targeted research on human development, ensuring democratic principles and the development of civil society for 2013-2028.
5. The program for the development of natural, mathematical and technical sciences for 2010-2020.
6. The state environmental program of the Republic of Tajikistan for 2009-2019.
7. The program of accelerated industrialization of the Republic of Tajikistan for the period 2020-2025.
8. The program for the development of human potential and intellectual property for the period until 2020.
9. The program of development of the state language of the Republic of Tajikistan.
10. The list of priority areas for the development of science, engineering and technology in the Republic of Tajikistan for 2015-2020.

The results of scientific research of university scientists are introduced into the educational process in the relevant disciplines when giving lectures, performing laboratory and practical work, conducting SRSP and SRS. Based on the research results, programs are compiled and special courses and elective courses for students are taught. Monographs, study guides, electronic textbooks, and teaching staff articles published in various collections and magazines are used by students in their term papers, dissertations, and master's theses.

In general, for 2016-2019 years according to the results of research work, teaching staff of TUT has been published 49 monographs, 186 textbooks and teaching aids, 80 electronic textbooks and other scientific and methodological works that are used on a systematic basis in the educational process.

As a result of research and promotion in the publication for 2015-2019 years university staff and students published over 2040 scientific papers. During this period, more than 740 students participated in scientific conferences, subject Olympiads, competitions, exhibitions, etc.

The principle of information transparency of the university is implemented at TUT, it is widely represented in the information space of the republic and the Internet space. The principle of feedback has been implemented - sociological surveys and monitoring of the social well-being of students and teachers are carried out.

The TUT scientific library has more than 173,700 copies of educational, educational, methodological, scientific and technical literature, as well as an electronic information base of more than 490 thousand sources of educational and scientific-technical nature. The library is equipped with a modern reading room with 287 seats, an electronic reading room with 53 seats has been organized, the electronic scientific literature fund is more than 41 thousand copies.

One of the priorities of the TUT team is the implementation of a set of measures to educate young people with high civil and moral principles, a sense of patriotism and social responsibility. To implement these tasks, student self-government, the Ecological + Charity Club "Eco +", youth organizations were created; more than 100 events of a patriotic orientation were held (in the period 2016-2019). The university has created all the necessary conditions for the creative development of students and the holding of sports events. The proportion of students actively participating in social activities, the work of circles, sections, etc. makes up more than 40% of the total contingent.

The Technological University of Tajikistan is an active conductor of the idea of a global educational space and to date has already concluded 117 cooperation agreements with universities in 24 countries, including 14 countries included in the European higher education zone Belarus, Great Britain, Germany, Spain, Italy, Cyprus, Latvia, Lithuania, Russia, Poland, Turkey, Sweden, Ukraine, France, as well as 10 countries of the Asia-Pacific region: India, Kazakhstan, China, Pakistan, Kyrgyzstan, Uzbekistan, New Zealand, Malaysia, etc. TUT is one of the most active universities in the Republic of Tajikistan in the field of academic mobility.

The academic mobility of faculty and staff is one of the important areas of international and educational activity of the Technological University of Tajikistan.

Thanks to the active participation of university employees and teachers in international competitions for educational grants, the Technological University of Tajikistan (TUT) became the owner of 12 grants of the European Union and other foreign communities, which play an important role in the training of modern specialists, access to modern educational and technical equipment and vocational training faculty and staff of the university.

In the framework of cooperation with the TEMPUS, Erasmus Mundus, Erasmus + programs, from 2014-2019, 103 university teachers took advanced training courses in countries such as Germany, Spain, Italy, Portugal, Slovakia, Poland. During this period, 27 undergraduate students, 21 undergraduate students, 19 university employees under doctoral programs were sent to European Union countries. In addition, during this period, as part of the university's international cooperation on various other international programs, 153 teachers participated in scientific and educational seminars, trainings, master classes in foreign countries of the European Union, Russia, Kazakhstan, China, Korea, India, Japan, Korea, Pakistan and etc.

In the academic year 2018-2019 alone, TUT sent 1 master's degree in the Erasmus + project to the Silesia University of Poland, 1 PhD graduate student in Latvia, 12 graduate students in information technology from the St. Petersburg University of Information Technology, Mechanics and Optics, and 10 students to continue their studies Moscow University of Electronic Engineering in the field of contact information. And also during the academic year, 3 students submitted documents for training in the countries of the European Union, by announcing the educational quotas of these states in the direction of undergraduate and graduate programs and their results will be known in October-November of the current year.

TUT closely collaborates with GIZ in the framework of the project "Professional Education in Central Asia". The project partners are selected universities in Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan with educational programs in the field of food technology.

The goal of the Vocational Education in Central Asia program is to support its partners in improving vocational education in the food industry in order to achieve international standards and regional commensurability.

The University of Technology of Tajikistan is actively involved in international programs and projects, such as, Erasmus Mundus, Erasmus +; Giz; JICA; WTIT; The World Bank; ITS UNDP; Agahan Foundation, UNESCO, LOEO, ITEC, etc.

EP "1-49010202 - Technology of milk and dairy products"

Educational activity under the program 1-49010202 - "Technology of milk and dairy products" is carried out at the department "Technology of food production named after I. I. Kurbanova" on the basis of the State License AU No. 0002786 dated 05/05/2019 and attachments to the license issued by the State Service for Supervision of Education of the Ministry of Education and Science of the Republic of Tajikistan. Head The department of "Technology of food production" is Ph.D., acting Associate Professor Khushmatov Azimdzhon Toirovich.

The staff of the department of "Technology of food production named after I.I. Kurbanova" consists of 16 teachers, of which 11 are full-time, including 1 doctor of sciences, 8 candidates of sciences and 2 assistants. From the first years of the department became one of the most famous and prestigious in training specialists in the field of "Technology of milk and dairy products." The number of full-time teachers with academic degrees and titles in the department "Technology of food production named after I.I. Kurbanova" is - 82.0%.

The contingent of students in the specialty 1-49010202 - "Technology of milk and dairy products" on the 02.10.2020 is 49 students.

The proportion of students studying in the specialty 1-49010202 - "Technology of milk and dairy products" in the state language in the 2019-2020 academic year was 40%, the proportion of students studying in Russian was 60%.

For the accredited EP leading teachers with extensive experience and mainly with academic degrees and degrees are involved, especially for groups with the Russian language of instruction. So, in the first year of specialty 1-49010202, the degree of teachers who conduct classes in the OP is 87%, in the second year - 55% and in the fourth year - 100%.

The average graduate employment rate in the last 5 years is:

2014-2015 - 70%

2015-2016 - 81%

2016-2017 - not issued

2017-2018 - not issued

2018-2019 - not issued

In 2017-2018, according to the GIZ program of academic mobility "Vocational Education in Central Asia", the assistant of the department "Food Production Technology" Z. Mergandova participated for 5 weeks at the Almaty Technological University (Republic of Kazakhstan, ATU).

In the framework of the GIZ international project on academic mobility, from March to April 2018, Doctor of Technical Sciences, professor of Almaty Technological University Dikhanbaev F.T. and 5 students of the named university were in TUT. She held classes in the discipline "Technology of milk and dairy products."

As part of the GIZ international project on academic mobility from 2017-2019, 2 TUT teachers taught at ATU (Kazakhstan) and 10 students studied at the named university. In addition, during the summer holidays, 4 students under the GIZ academic mobility program "Professional Education in Central Asia" were sent to practice in Bishkek and Almaty. It is also planned in March this year to send 10 students and two teachers to Bishkek under the academic mobility program.

The research activity of the teaching staff of the department is the basis of the quality of the educational process, is used in the development of elective disciplines, NIRS. For example, according to EP 1-49010202 - "Technology of milk and dairy products", the results of research work of the faculty of the department were reflected in the formation of teaching materials of elective disciplines "Methods of researching the properties of raw materials" and "Scientific foundations of the use of non-traditional raw materials in the production of milk and dairy products".

Currently, the teaching staff of the department, together with students, are implementing the following research projects:

1. Development of technology for the manufacture of new types of alcoholic, nonalcoholic and canned goods using local raw materials (sales period 2018-2022, the source of financing is the republican budget, the cost is 355,000 somoni).
2. Isolation of natural antioxidants from local raw materials (sales period 2016-2023, the source of financing is self-financing).
3. The technology of obtaining and researching the properties of vegetable oils from non-traditional oilseeds (sales period 2017-2023, the source of financing is self-financing).
4. Various aspects of the use of food additives in dairy, bakery and confectionery products (implementation period 2018-2025, the source of financing is self-financing).

It should be noted that over the past 5 years, teachers of the department have developed 10 textbooks with the signature stamp of the Ministry of Education and Science of the RT, 40 teaching aids issued by the EMC of TUT, implemented and received more than 20 acts of implementation, more than 30 patents for inventions, 4 monographs, more than 70 scientific article in quoted international journals and Republican Bulletins.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

The educational program "1-49010202 - Technology of milk and dairy products" is internationally accredited by the IAAR for the first time.

(V) DESCRIPTION OF EEC VISIT

The work of the EEC was carried out on the basis of the approved Program of the visit of the commission of experts on international accreditation of educational programs at TUT in the period from February 10 to 12, 2020.

In order to coordinate the work of the EEC on 02/09/2020, an assembly meeting was held during which the powers were distributed among the members of the commission, the

schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, meetings were held with the rector, vice-rectors of the university in areas of activity, heads of structural divisions, deans of faculties, heads of departments, teachers, students, graduates, employers. In total, **154** representatives took part in the meetings (table 1).

Table 1 - Information on the target groups that took part in meetings with the EEC IAAR:

| Category of Participants | Number |
|--------------------------------|------------|
| Rector | 1 |
| Vice-rectors | 5 |
| Heads of structural divisions | 28 |
| Heads of departments and of EP | 10 |
| Lectures | 12 |
| Students | 40 |
| Graduates | 41 |
| Employers | 17 |
| Total | 154 |

During the tour, members of the EEC familiarized themselves with the state of the material and technical base of accredited EPs: visited laboratories for determining the quality of raw materials and finished products of the Department of Chemistry, the Laboratory of Analytical Chemistry, the Laboratory of General and Inorganic Chemistry, the Laboratory of Physical Colloid Chemistry, the scientific laboratory of the Department of Chemistry, the laboratory of technology and equipment meat and milk processing, hydraulics laboratory, canning laboratory, training center and office of the GIZ project "Professional education in Central Asia and "Laboratory of Microbiology, Laboratory of national and international cuisine, restaurant service laboratory and the department of "Technology of food production named after I.I. Kurbanova".

At the meeting of the EEC of the IAAR with the target groups of TUT, the mechanisms for implementing the policy of the university were refined and the specifics presented in the report on the self-assessment of the university were specified.

EEC members attended training sessions:

-discipline "Technology of milk and dairy products", lecture on the theme "Mechanical and heat treatment of milk", EP 1-49010202 - Technology of milk and dairy products, 4 year, candidate of technical sciences Nazarov Shukhrat Abdugulomovich, senior lecturer of the department "Technology of food production named after . I.I. Kurbanova "(room 106, educational building No. 4);

-discipline "Analytical chemistry", laboratory lesson on the topic "Determination of food moisture", EP 1-49010202 - Technology of milk and dairy products, 2 year, candidate of chemical sciences Mirzorakhimov Kurbonali Karimovich, acting professors of the department of chemistry (room 104, academic building No. 4);

-discipline "Inorganic chemistry", lecture on the topic "Atom structure", 1-49010202 - Technology of milk and dairy products, 1 year, candidate of chemical sciences Ikromi Muhabbat Boboevna, acting Professor of the department "Technology of food production named after I.I. Kurbanova "(room 106, educational building No. 4).

During the visit, members of the EEC visited the practice base for the accredited EP "1-49010202 - Technology of milk and dairy products": CJSC "Shiri Saodat"; CJSC Combine the Width of Dushanbe.

In accordance with the accreditation procedure, a survey was conducted of 45 teachers, 76 students, including junior and senior students.

In order to confirm the information presented in the Self-Assessment Report by external experts, the university's working documentation was requested and analyzed. Along with this, experts studied the university's online positioning through the university's official website <http://www.tut.tj>

Within the framework of the planned program, recommendations for improving the accredited educational programs of TUT developed by the EEC based on the results of the examination were presented at a meeting with the management on 12.02.2020.

(VI) COMPLIANCE WITH INTERNATIONAL ACCREDITATION STANDARDS

6.1. Standard 1. QUALITY ASSURANCE POLICY

Standard:

The educational organization should have a published quality assurance policy that is part of their strategic management. Internal stakeholders should develop and implement this policy through appropriate structures and processes involving external stakeholders.

Recommendations:

Politics and mechanisms for its implementation are the basis of a logical and consistent system for ensuring the quality of educational organization. The system is a cycle of continuous improvement and contributes to the reporting organization of education. It supports the development of a quality culture in which all stakeholders take responsibility for quality at all levels of the functioning of the educational organization. To strengthen it, policies and mechanisms for its implementation have official status and are available to the general public.

A quality assurance policy is more effective if it reflects the link between research, teaching and learning and takes into account contexts, both national, in which the public institution operates, and intra-university. Such a policy supports

- organization of a quality assurance system;*
- Departments, schools, faculties and other units, as well as the management of educational organizations, staff and students who fulfill their responsibilities to ensure quality;*
- academic honesty and freedom, as well as intolerance to manifestations of various kinds of academic dishonesty;*
- processes to prevent intolerance of any kind or discrimination of students and teachers;*
- participation of external stakeholders in quality assurance.*

The policy is embodied in activities involving a variety of processes and procedures for internal quality assurance, which involve the participation of all departments of the educational organization. The degree of policy implementation is regulated, monitored and reviewed at the level of the educational organization itself.

A quality assurance policy also applies to any activity carried out by subcontractors or partners.

Evidence part

The Technological University of Tajikistan in its activities proceeds from an understanding of the quality of education as a comprehensive characteristic of educational activities and training of specialists expressing the degree of compliance with the State standards of higher professional education, normative documents of the Ministry of Education and Science of the Republic of Tajikistan, the requirements of the parties in

whose interests educational activities are carried out, including degree of achievement of the planned results of educational programs.

The mission of TUT is to provide high-quality, affordable education, transformed through the development of scientific and educational technologies to train highly qualified, competitive, creative and tolerant specialists who are called upon to contribute to the reproduction of intellectual potential, modernization of the economy, technological development and the formation of an innovative economy of the Republic of Tajikistan.

The university's policy in the field of quality is aimed at implementing the mission, goals and objectives of the university and fully satisfying the needs of consumers of all categories with the results of work in all areas of its activities in accordance with the changing market requirements and standards of the world educational space.

In 2009, the "Concept for the innovative development of TUT for 2009-2011" was developed. The search for new methods and ways to improve the quality of education and bring it into line with the needs of the modern labor market has become the basis for the development of a "Concept for introducing a model for the quality of education, competitiveness and innovative development of the Technological University of Tajikistan for 2011-2020." After approval of the Decree of the Majlisi Namoyandagon Majlisi Oli of the Republic of Tajikistan dated December 01, 2016, No. 636 of the National Development Strategy of the Republic of Tajikistan for the period until 2030, there was a need to introduce changes and additions to the development strategy of TUT, which was due to new priorities in the development of the education system of the Republic as a whole.

TUT development strategy for 2019-2030 The decision of the Scientific Council of April 29, 2019, Protocol No. 9, was approved. In the new version of the Strategy, the choice of directions for the development of TUT up to 2030 is determined by its mission, vision and development priorities of the Republic of Tajikistan, science and economy, the system of higher and postgraduate education, program documents of the Republic of Tajikistan in the field of education. To implement the university's strategy, strategic plans were developed that were systematically updated.

The University considers providing a guarantee of high quality education one of the main priorities in its activities, and develops a culture of recognition of the importance of quality. Ensuring high quality and continuous improvement of the educational process at the university is not an end in itself, but the necessary tools for professional training. The most important principles of the university's activity are the fundamental nature and quality of knowledge, the continuity and continuity of education and science, the usefulness of society and the state, the integration of the university into the global educational space.

The university leadership ensures the effective implementation by all university staff of policies in the field of the quality of educational activities. The policy is implemented at all levels of government and can be reviewed and revised if necessary. Moreover, each employee of the university bears personal responsibility within his competence for the quality of work, since the image of the university and the welfare of its employees depend on the quality of work of each member of the team.

The whole TUT team considers the formation of a quality policy the foundation of university management. Education quality policy is an integral element of the university's strategy and the basis for planning its educational activities.

The activities are carried out on the basis of time-tested traditions and the reform of education in accordance with the requirements for higher education on the basis of "Standards and recommendations for guaranteeing the quality of higher education in the European region", developed by ENQA - the European Association for Quality Assurance in Higher Education.

The University, guided by European standards and principles of higher education, develops and implements an effective quality assurance system based on the university's

clearly defined official policies, procedures and mechanisms by which the university monitors the effectiveness of its quality assurance system.

The most important conditions for the development of a policy for ensuring the quality of documents were the involvement of stakeholders. Quality assurance issues were discussed at meetings of the Academic Councils of faculties, the educational and methodological council of the university, student self-government of the university and at meetings of the Association of graduates of TUT.

The involvement of interested parties in the development and implementation of a quality assurance policy is carried out both through advice created at the university, and through discussion on the university's website and on social networks. The most effective way to get the recommendations of interested parties is to discuss within the framework of formalized structures that are created and sent by the university. These structures include the main groups of stakeholders; the formation of their composition provides for the mandatory representation of employers, graduates studying in all areas of training and specialties, which ensures representativeness. Despite the social nature, the tasks of their activities are clearly defined, mainly planning the work of the university, ensuring the content and quality of educational programs. The quality system of the university provides for the mandatory consideration of the opinions of interested parties when making decisions.

The policy is periodically reviewed and updated as necessary. It is available to internal users on the educational portal [HERE](#).

The educational program of the specialty "Technology of milk and dairy products" is aimed at providing conditions for obtaining a full, high-quality professional education, professional competence in the field of food production technology, the formation of a national model of multilevel continuing education in accordance with external regulatory documents in the field of education.

The policy is periodically reviewed and updated as necessary. It is available to internal users on the educational portal [TUT](#).

The educational program of the specialty "Technology of milk and dairy products" is aimed at providing conditions for obtaining a full, high-quality professional education, professional competence in the field of food production technology, the formation of a national model of multilevel continuing education in accordance with external regulatory documents in the field of education.

The strategic priorities and development goals of the EP specialty "Technology of milk and dairy products" coincide with the main strategic priority for the development of technical education - a developed system for monitoring and managing educational resources. And also, for the comprehensive development of the system of relationships with consumers and their orientation to the interests of society. And in the near future - integration into the pan-European educational space and the international scientific and educational community based on the principles of the Bologna Declaration through the development of a multi-level training system at the university.

Based on the Development Strategy of TUT for 2019-2030, corresponding to national development priorities, the leading departments develop and approve the EP Development Plan annually.

Consumers of EP receive high theoretical and practical training in the field of technology of milk and dairy products, which make it possible to successfully carry out production activities in the public and private sectors.

EPs are annually reviewed and updated in terms of the content of work syllabuses, the composition and content of work programs of disciplines, professional practice programs. The revision and updating of work curricula occurs once at the end of the school

year and is approved for the next school year. The analysis of working curricula is carried out during the academic year by the heads of departments together with teachers.

The university practices the assessment of the quality of implementation of EP. Assessment mechanisms include internal monitoring of class follow-ups, teacher demonstrations, questionnaires, opinion polls of participants in the educational process, feedback from external practice leaders, opinions of chairmen of state certification commissions, and graduate reviewers.

The development of educational programs is carried out taking into account the proposals of organizations and enterprises of the republic participating in the selection and formation of a list of elective disciplines, the development of names and contents of the disciplines of the basic and core cycles and topics of final qualification works, as well as the opinions and suggestions of students and employers based on professional practices, proposals of the chairmen of the State Certification Commission. It also takes into account the demand for graduates in the field of food production and economic sectors, recognition by employers of the quality of training.

Students, faculty members, employers, stakeholders, and representatives of business communities participate in the process of formulating a development plan for educational programs. This process is carried out by discussing professional competencies, expected results, a catalog of elective disciplines, students forming individual educational trajectories. The result of such work is reflected in the effectiveness of the formation and implementation of the development plan of the EP.

The management system at the university is focused on adhering to the principles of collegiality and transparency. The transparency of the processes of formation of the development plan of the EP is confirmed by the participation of the whole team, stakeholders, and employers. This is evidenced by the activities of the Academic Council, Rectorate, the Educational and Methodological Council of the University, providing management of the main processes of the university.

Information about the formed plans for the development of EP, about the adoption of collegial decisions is communicated to interested persons, employers through the TUT website, at meetings of the rector with students and interviews with the media in the management. Interested parties are involved in the formation of the graduate model in terms of proposals for professional practices, employers' requirements based on the results of the survey and questionnaire.

TUT seeks to ensure the quality of the activities performed by contractors and partners (outsourcing), including the implementation of academic mobility. The main goal of outsourcing at the university is to focus directly on educational activities (implementation of EP) and receive a higher level of service for this activity without increasing budget costs. Among the functions that the university has transferred to outsourcing are the protection of the technical housing, the provision of catering at the university, and the removal of household waste. In order to ensure the high quality of this activity, it is being monitored, including through sociological surveys. For example, the vast majority of students surveyed in 2019. (82%) expressed satisfaction with the quality of food in the public catering facilities of the university. This gives reason to believe that the measures taken by the leadership of TUT to solve the problems existing in this area give positive results.

Analytical part

The EEC confirms that the university has a published quality assurance policy that reflects the link between research, teaching and learning. All documents regulating the quality assurance policy, the academic activities of the university are available on the university website.

A quality assurance policy is available to faculty, workers, students, employers, and other interested parties.

TUT policy in the field of quality reflects the relationship between research, teaching and learning. The quality assurance policy reflects the key objectives of the university, including:

- ensuring the quality of continuing education in accordance with international standards and principles of the Bologna process, through continuous improvement and improvement of all processes carried out at the university and their interconnection;

- the increase in the professional level of teachers, in the form of laboratory and practical classes, industrial practice, research and independent work of students (CJSC Shiri Saodat; CJSC Combine the Width of Dushanbe);

- strengthening the connection of student science and practice with production;

- ensuring interaction with research centers and institutes, subjects of innovative activity, industrial enterprises and business representatives in the form of laboratory and practical classes, industrial practice, research work of students and faculty (CJSC Shiri Saodat; CJSC Shiri Dushanbe ");

- increase in the number of employees, students, undergraduates and doctoral students of PhD University, engaged in the development of scientific projects aimed at obtaining a specific result;

- expansion of the university's academic ties aimed at developing the scientific potential of teachers and students.

However, the commission notes that some issues relating to this standard were not fully confirmed during the direct visit of the EEC to TUT.

In particular, EEC notes the insufficient participation of other institutions or stakeholders in the development and implementation of quality assurance policies.

In addition, according to the results of interviews with students in this EP, the commission notes the weak participation of students in the formation of the EP development plan.

In general, it is necessary to conduct training seminars with teachers and students on the design and formation of EP.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

- availability of a published quality assurance policy;

- EP management ensures transparency in the development of the EP development plan based on an analysis of its functioning, the actual positioning of the university and its focus on meeting the needs of the state, employers, interested parties and students;

- EP management attracts representatives of stakeholder groups, including employers, teaching staff, to formulate an EP development plan;

- EP management demonstrates evidence of openness and accessibility for students, faculty, employers and other interested parties.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

- intensify the work of other institutions or stakeholders in the development and implementation of quality assurance policies;

- to intensify the work of students in the formation of the development plan of the EP, with the reflection of proposals, the results of discussions in the minutes of the department, the Academic Council TUT, etc.;

- to conduct training seminars with teachers and students in the design and development of educational programs, focused on the successful functioning of the university's quality policy.

Conclusions of the EEC on the standard “Quality Assurance Policy” according to the evaluation table, the EEC position is marked “satisfactory”.

6.2. Standard 2. DEVELOPMENT AND APPROVAL OF THE PROGRAM

Standard:

The educational organization should have mechanisms for the development and approval of its programs. Programs should be designed in accordance with established goals, including intended learning outcomes. The qualifications obtained as a result of mastering the program should be clearly defined, as well as explained and should correspond to a certain level of the national qualifications framework in higher education and, therefore, the qualifications framework in the European Higher Education Area.

Recommendations:

Educational programs are the basis for the formation of the educational mission of a higher educational institution. They provide students with both academic knowledge and the necessary competencies, including transferable ones, which can influence their personal development and can find application in their future careers.

In developing their programs, educational organizations must ensure:

- *compliance with the objectives of the institutional strategy programs and the availability of clearly defined expected learning outcomes;*
- *participation of students and other stakeholders in the development of the program;*
- *conducting external expertise and the availability of reference and information resources;*
- *achievement of the four goals of higher education defined by the Council of Europe (see Scope and concepts);*
- *unhindered student promotion in the process of mastering the program;*
- *determination of the expected student workload (for example, in ECTS).*
- *providing opportunities for internships (where necessary);*
- *The process of formal approval of the program at the institutional level.*

Evidence part

The goal of EP “1-49010202 - Technology of milk and dairy products” is harmonized with the mission of TUT is to provide high-quality, affordable education transformed through the development of scientific and industry technologies to train highly qualified, competitive, creative, tolerant professionals who are called upon to contribute to technological development and formation innovative economy of the Republic of Tajikistan.

In order to ensure the key requirements of interested parties and further improve the educational process, the development of educational programs is planned and resources are allocated for its implementation in accordance with the strategic plan for the development of technical education. On the basis of the “TUT Development Strategy for 2019-2030”, the issuing department developed and approved the “Development Plan for EP in the direction of preparation 1-49010202 - “ Technology of milk and dairy products ”.

Evaluated by EP in the direction of preparation 1-49010202 - "Technology of milk and dairy products" is developed taking into account the mission and development strategy of technical specifications and contributes to their achievement.

The term for mastering a full-time undergraduate program, provided after passing the state final certification, regardless of the educational technologies used, is 4 years.

The complexity of the EP baccalaureate in an accredited specialty is 240 credits. The volume of the undergraduate program in full-time education, implemented for one academic year, is 60 credits.

In accordance with the Regulation "On the development and approval of educational programs of higher professional education at TUT" and the proposed structure, a working group from the head of the department, representatives of teaching staff, students and employers have developed EPs submitted for accreditation.

The Academic Council of the Faculty, the Scientific and Methodological Council of the Faculty, the Academic and Methodological Council and the Academic Council of TUT are collegial bodies of accredited EPs, which work out a unified academic policy, and also formulate the basic requirements for the quality of EP, for the introduction of innovative forms and teaching methods, for the development of methodological educational process support. Assessment procedures developed by the EP are carried out through an internal audit on the quality management system and Quality Standards of the European Higher Education Area (ESG).

Along with the results of internal monitoring of academic indicators and sociological surveys of students, the official reviews of practitioners and employers supervising professional practice, chairing the certification process of graduates reviewing graduation work are substantively analyzed. Official evaluations of external experts are supplemented by the results of opinion polls and written reviews of the heads of organizations that employed graduates of the department.

Employers, representatives of the practice bases, and competent specialists in this field are involved in the examination of the EP. When developing EP for specialty 1-49010202 - "Technology of milk and dairy products" for flexibility and a qualitative assessment of EP as external experts, representatives of collegiate universities from Kazakhstan were involved - L. Baibolova, Doctor of Technical Sciences, Professor, Vice-Rector for academic work of Almaty Technological University and Musulmanov MM, Doctor of Technical Sciences, professor of the Department of "Milk Technologies" of the Kyrgyz State Technical University named after I. Razzakova, as well as representatives of employers Solekhzod U. - Deputy. RT Minister of Industry and New Technologies, Nazarzoda J. - Deputy Director of the State institution "Training Center and Monitoring the Quality of Education" of the Ministry of Labor, Migration and Employment of the Republic of Tajikistan, Odinzoda D. - Director of the State Unitary Enterprise "Khurokvorñ" MI and NT of RT, Khotamov R.D. - Executive Director of Combine of the Width of Dushanbe CJSC and Dustov D. - Deputy. Director of "Shiri Saodat" CJSC.

The formation of student competencies occurs in the process of passing professional practices. When selecting the base of professional practice, priority is given to institutions that are most fully relevant to the specialty. Experts in this specialty are Odinzoda D. - Director of the State Unitary Enterprise "Khurokvorñ", Nazarzoda J. - Deputy Director of the State institution "Training Center and Monitoring the Quality of Education" of the Ministry of Labor and Employment of the Republic of Tajikistan, N. Komilov - Ph.D., Generalak Director of Combine of the Width of Dushanbe CJSC, Khotamov R.D. - Executive Director of CJSC of "Shiri Dushanbe", Nazarbekova N.Z. - Head Central Laboratory of CJSC of "Shiri Dushanbe", D. Dustov - Deputy Director of "Shiri Saodat" CJSC and Nazarov A. - head of the canning workshop of the "Ilmi Istekh soli" RPE.

Consumers of EP specialty 1-49010202 - "Technology of milk and dairy products" receive high theoretical and practical training. The curriculum provides for the study of humanitarian, natural-mathematical, vocational and special disciplines, as well as passing practices and passing state certifications.

In the process of training a graduate of the specialty 1-49010202 - "Technology of milk and dairy products", general, basic, professional and special competencies are formed and the following skills are acquired:

-management of existing technological processes of enterprises of processing industries;

- statistical processing of experimental data for the analysis of technological processes in the production of various types of products;
- operation of technological, transport, operational and energy equipment at enterprises in the industries;
- the ability to use information technology in the field of professional activity and the use of economic and mathematical methods when performing technical and economic calculations in the process of designing and managing enterprises;
- ✓ use of research methods and instruments for research;
- ✓ organization of safe working conditions and liquidation of accidents.

The relevance of the content of academic disciplines, the fundamental nature and compliance with new scientific directions is ensured by the annual updating of the content of the EP, QED (Minutes of meetings of the Department of Food Technology named after Kurbanov I.I. No. 10, dated May 11, 2019). Employers, leaders of the basic organizations of practices participate in the preparation of QED. In drawing up the QED in the direction 1-4901020202 - "Technology of milk and dairy products", Khotamov R.D., director of Combine "Shiri Dushanbe" CJSC, D. Dustov, director of "Shiri Saodat" CJSC took an active part.

Analytical part

During the visit, EEC members noted that in the process of preparing, discussing and approving the EP, all interested persons participate who can recommend elective courses for inclusion in the catalog of elective disciplines. During the development of this curriculum, students acquire not only professional knowledge, but also form their own worldview, learn to perceive the world in all its complexity and diversity, it becomes possible to eliminate the language barrier in professional communication. Also, when developing an accredited EP in the specialty 1-49010202 - "Technology of milk and dairy products", external experts are also involved, on the proposals of which adjustments were made to the EP.

The systematic formation of student competencies occurs in the process of passing professional practices. Practices are planned in the logical sequence of mastering basic knowledge and emerging competencies. When developing and implementing the Practices and Compliance with Labor Market Requirements programs, the opinions of employers - representatives of food enterprises are taken into account. As members of the EMC and end-to-end practice programs, employers are involved as experts.

However, the involvement of students in the development of educational programs is not justified, i.e. the lack of student participation in internal documents in the development or compilation of a catalog of elective disciplines.

During the examination of the EP, members of the EEC noted a duplication of the name of professional disciplines (RUE 2016-2020), however, in subsequent work plans, this error was eliminated. So, for example, the discipline "Technology of milk and dairy products" was conducted first in the 2nd year, and then in the 4th year.

Final certification is the logical completion of training for this EP. The list of graduation work topics is reviewed annually in connection with the emergence of new priorities in the food industry, the development of science and education, the improvement of technologies, and new teaching methods.

In general, according to the results of the questionnaire of students, 86.8% are fully satisfied with the overall quality of the curriculum and 13.2% are partially satisfied, which confirms the high satisfaction of students.

When implementing the EP in the specialty 1-49010202 - "Technology of milk and dairy products", the necessary integrity is provided, combining the required ratio between the theoretical and practical components of the educational process. The content of

disciplines and final works are aimed at achieving the goals of the EP and obtaining the necessary professional and general cultural competencies.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

- the complexity of the EP is clearly defined in ECTS.
- accredited EP ensures the employment of graduates in the food industry.
- disciplines of EP contribute to the formation of students' professional competence.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

- make changes to the names of professional disciplines so that they do not duplicate each other;
- intensify the participation of students in the development of EP.

The conclusions of the EEC on the standard: "Development and approval of the program" according to the evaluation table, the EEC marked the position "satisfactory".

6.3. Standard 3. STUDENT-CENTERED TRAINING AND EVALUATION

Standard:

The organization of education should ensure the implementation of the program in such a way as to encourage students to take an active role in the joint construction of the educational process, and so that students' assessments reflect this approach.

Recommendations:

Student-centered learning plays an important role in increasing motivation, self-reflection and student involvement in the learning process. To organize education, the introduction of student-centered learning requires a balanced approach to the development and implementation of the educational program and the evaluation of learning outcomes.

Realizing the principle of student-centered learning, the organization of education should provide:

- *respect and attention to various groups of students and their needs, providing flexible learning paths;*
- *use of various teaching methods (where appropriate);*
- *flexible use of a variety of pedagogical methods;*
- *regular feedback on techniques and methods used to evaluate and adjust pedagogical methods;*
- *supporting the student's autonomy while providing appropriate guidance and assistance from the teacher;*
- *strengthening the mutual respect of the teacher and student;*
- *the availability of appropriate procedures for responding to student complaints.*

Given the importance of assessing student performance for their future careers, quality assurance mechanisms for assessment should consider the following:

- *Evaluators must be proficient in testing and testing students' knowledge and increase their own competence in this area;*
- *Evaluation criteria and methods should be published in advance;*
- *Assessment should allow students to demonstrate the level of achievement of the planned learning outcomes. The student should receive feedback, and, if necessary, advice on the learning process;*
- *The exam should be conducted by more than one examiner, where possible;*

- *Assessment rules should include consideration of extenuating circumstances;*
- *Assessment should be consistent, objective in relation to all students and conducted in accordance with established rules;*
- *A formal appeal procedure should be in place.*

Evidence part

In accordance with the requirements of the Bologna multilevel training system - credit technology of training, training is being carried out on educational programs of undergraduate and graduate programs. Regardless of the language of instruction, students are given the opportunity to choose a specific educational path in accordance with the chosen specialty of the food industry, abilities and capabilities. Short lecture courses, books, textbooks, educational and methodical complexes of disciplines, syllabuses and test questions are compiled in the language of instruction (Tajik and Russian), a complex of elective disciplines (QED), working training programs (WTP) are compiled in two languages.

To ensure the dynamic development of students, taking into account their intellectual ability, individual characteristics and harmony in order to implement students-oriented EP, the needs of students and the labor market are taken into account, which directly affects the requirements for both teaching technology and teaching activity in general.

Systematic work is carried out with students of academic groups, individual educational plan (IEP) are developed taking into account the logical sequence of studying the complex of disciplines in the chosen specialty. They have the academic freedom to choose a discipline and lead teacher. When choosing elective courses, the needs of students are mandatory. The contents of the catalog of elective disciplines, their logical sequence, are considered and analyzed at meetings of the department and the EMC of ITF.

For each individual discipline, in accordance with the requirements of the university, taking into account the requirements of the labor market, a working curriculum is developed and approved by the EMC.

The results of a consistent study of the effectiveness of elective courses make it possible to judge the steady positive dynamics in the assimilation of the developed content of the program, focused on the formation of professional competencies of students of specialties in the field of "Food Technology".

Evaluation of the effectiveness of EP is also carried out in terms of the availability of components that form the personal development of students, creative abilities and their social competencies.

The teacher provides individual assistance and counseling during the development of the discipline:

-With the introduction of student-oriented learning, the requirements for teaching and, in general, for teaching activities change, where it is fundamental that students develop competencies in their chosen specialty.

At the department "Technology of food production named after I.I. Kurbanova" constantly carried out work on the implementation of active and innovative teaching methods. In order to introduce innovative technologies, such events as the release of teaching materials, trainings and training seminars for faculty and students themselves are carried out, etc. Within the framework of the GIZ International Educational Project - "Tajikistan-Germany Cooperation" and the "Vocational Education in Central Asia" program in color Short-term seminars are held with leading universities in Kazakhstan, Kyrgyzstan, Uzbekistan and Germany teaching staff on modern educational technologies.

A favorable learning environment has been created for students, including computer equipment, software products, sites, computer classes, reading rooms, a book fund, a fund of educational digital materials, etc. All of these resources are available to them - access to

reading rooms, an electronic library, computer classes, etc. Issues of acquiring and updating equipment are reviewed regularly at meetings of the university administration.

The introduction of the most relevant and effective methods becomes the object of the exchange of experience between teachers. Demonstrative and open classes are held, which are reflected in the journals of mutual visits and the results are discussed at the meetings of the department.

In their practice, teaching staff use various teaching methods that form students' professional competencies.

In order to introduce innovative technologies, measures are taken: the release of teaching materials, trainings and training seminars, short-term advanced training courses for faculty, etc.

The teaching staff of the department during the lectures uses the exercises of psychological communication training, including the use of seminar and practical classes such methods focused on the formation of the student's oral communication:

- all forms of educational dialogue, reports and messages, discussions, discussions and disputes;
- role and business games.
- protection of independent work.

In addition, for the formation of written communication, teaching staff of the department attract students to participate in conferences, seminars and publish articles. The most effective for the formation of competence for working in collaboration are group forms of work. The main thing in this case is the general orientation of the teacher to teaching each student the skills to work on the implementation of educational tasks not only independently, but also in collaboration with fellow students. These methods make it possible to simulate real situations and various aspects of professional activity, find a solution to a specific problem and feel the consequences of decisions made. Active learning methods are very effective because they allow students to develop interpersonal skills in typical work situations, get feedback, adjust their behavior and find alternative ways to solve problems.

In the process of introducing various teaching and learning methods, teachers of the departments develop and create scientific and methodological and educational materials, teaching aids, teaching and methodical complexes, multimedia educational complexes, which are complete, unique and sought-after products that require flexibility, adaptability, variability in the content of tasks and educational technology.

Training workshops are held at the ITF, where they consider the use of active innovative teaching methods in the educational program. To track the satisfaction of faculty with innovative materials (methodological) at a meeting of the department of "TFP named after Kurbanova I.I. " At the end of each semester, discussions are held of open and demonstrative classes in order to analyze the methods used by teachers, active teaching methods and technologies.

In order to monitor the effectiveness and efficiency of the application of innovations, the use of active teaching methods, student surveys are conducted. The effectiveness and efficiency of the use of the technologies used is reflected in the assessments of students' achievements and the feedback of employers about their work after completing their studies at the university (feedback from the leaders and leading specialists of "Shiri Dushanbe" CJSC, Shiri Saodat and other industry enterprises are attached).

Questioning of students on educational programs is carried out in writing and through the AIS "lmc.tut.tj" in electronic form. Students also express their opinion in the process of oral interviews and discussions conducted with teachers, the head of the department and the dean of the faculty.

Tasks for the SIW are given in the working curricula of the disciplines (syllabuses). The complexity of students' independent work is determined depending on the amount of credit indicated in the curriculum of the specialty.

Monitoring of the student's independent work is carried out through the AIS system "lmc.tut.tj", where teachers give points for SIW on a weekly basis. To this end, verification of the fulfillment of tasks of their independent work is carried out. The monitoring results are recorded in the register of performance, attendance and classes on the SIW and are taken into account when setting the mark of milestone control.

The choice of the form and type of independent work of the student in each discipline is carried out in accordance with the specifics of the studied discipline, its goals and objectives, the degree of complexity and relevance, the level of preparation of the student, the complexity of the discipline. Each student is provided with guidelines or recommendations for the implementation of the SIW on paper or electronic media.

The organization and conduct of professional practices are monitored annually. The results of the monitoring are considered at a meeting of the department, where managerial decisions are made to organize and conduct the practice, to expand the bases of practices, and to review the programs of practices. There is a constant interaction with employers who are able to assess the level and quality of students' training during professional practice.

Monitoring the student's progress along the educational path and student achievement is carried out through the AIS "lmc.tut.tj" system, which displays the results of the current control on a weekly basis, and the results of the intermediate certification - after passing the current exams.

AIS "lmc.tut.tj" ensured transparency of the electronic database on the academic achievements of each student in accordance with the requirements of credit training technology.

The results of each examination session are considered at a meeting of the department, the dean of the results of which are taken corrective actions and decisions.

Criteria and methods for assessing knowledge in specific subjects are set out by leading teachers in the curriculum of the discipline and brought to the attention of students by placing specialists in the training case-study discipline of a university-wide automated information system by the Consultation and Registration Center for the Credit Training System TUT.

Based on the results of annual student ratings (annual GPA), the best students of the department are determined by specialties who are offered to participate in the competition for scholarships of the President of the Republic of Tatarstan, scholarships from the mayor of Dushanbe, Huaksin Cement, the Association of Trade Unions of Tajikistan and other scholarship programs. At the end of the year, the best students of the department receive letters of appreciation and diplomas. Based on the results of the annual rating, the GPA for the academic group is displayed and the best group of the year is determined, which receives gratitude from the leadership of the faculty and the university. The results of student performance are reported by the curators at the meetings of the department. All student's academic achievements are reflected in the transcript. Students who have fully complied with all the requirements of the curriculum and working curricula are allowed to final state certification.

In the event of a dispute, in case of disagreement with the result of the exam, the student can appeal. To resolve disputes and make decisions, an appeal commission has been created from among independent experts and representatives of the administration.

To ensure the objectivity of the assessment of knowledge and professional competence of the student, there is a mechanism for objective, accurate and comprehensive assessment of knowledge, skills and qualities, through a built-in system for

assessing current control, intermediate and final certification. When organizing academic work at the ITF, all the necessary conditions are created to ensure that the level of students' knowledge matches the planned learning outcomes, goals and objectives of the program.

It is important to note that according to the results of questioning students, the level of accessibility and responsiveness of the university management is fully satisfied with 85.5%, partially satisfied with 11.8%, are not satisfied and find it difficult to answer one student, which corresponds to 1.3%.

Feedback with students, for the implementation of the EP, is carried out through a student asset, whose representatives are members of the EMC for the EP of the faculty and the ITF Academic Council. Their opinion is taken into account when making decisions.

Analytical part

Criteria and methods for assessing knowledge in subjects are set out in the curriculum of the discipline and brought to the attention of students by placing in the training case studies of the discipline a university-wide automated information system by specialists of the Consultation and Registration Center for Credit Training System TUT.

Monitoring the effectiveness and efficiency of the application of innovations, the use of active teaching methods is determined by questioning students on educational programs.

On the positive side, the systematic development and implementation of innovative teaching and teaching methods is shown, and the work on identifying students' satisfaction in educational programs and places and organizations for practical training is reflected.

However, during the examination, the members of the EEC did not see the close relationship of the department with the Association of graduates of TUT in the process of training, employment, assessment of EP. There are no necessary conditions for students with disabilities to access the university. There are no developed educational programs taking into account the individual characteristics of students.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

- the presence of a feedback system through the use of various teaching methods, including interactive.
- active interconnection of EP management with practice bases.
- regardless of the language of instruction, ensuring equal opportunities for students;

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

- to develop educational programs that take into account the individual characteristics of students;
- intensify work on conducting own research in the field of teaching methods of academic disciplines in the context of EP;
- develop close cooperation with the TUT Association of graduates on issues of assessing EP and emerging competencies and employment;
- create comfortable conditions for students with disabilities for learning and extracurricular activities.

The conclusions of the EEC on the standard: "Student-centered learning and assessment" according to the evaluation table, the EEC marked the position "satisfactory".

6.4. Standard 4. ADMISSION, ACHIEVEMENT, RECOGNITION AND CERTIFICATION OF STUDENTS

Standard:

The organization of education should have predefined, published and consistently applied rules governing all periods of the student's "life cycle", ie reception, performance, recognition and certification.

Recommendations:

Providing the conditions and support necessary for students to develop an academic career in the interests of individual students, programs, educational institutions and systems. Relevant, admission and graduation procedures play an important role in this process, especially when there is student mobility within higher education systems.

It is important that access policies, processes and student acceptance criteria are implemented in a consistent and transparent manner. Familiarity with the organization of education and the program should be ensured.

The educational organization should have mechanisms and tools for collecting, monitoring and follow-up based on information about the academic achievements of students.

The objective recognition of higher education qualifications, periods of study and prior education, including the recognition of non-formal education, is an integral component of ensuring student performance in the learning process and promotes mobility. In order to guarantee proper recognition procedures, the educational organization should:

- ensure that the activities of the educational organization of the Lisbon Recognition Convention are consistent;*
- Collaborate with other educational organizations and national ENIC / NARIC centers to ensure comparable recognition of qualifications in the country.*

Graduation is the culmination of a student's study period. Educational organizations should provide students with documents confirming their qualifications, including achieved learning outcomes, as well as the context, content and status of education received, and evidence of completion.

Evidence part

The policy for the formation of the contingent of students consists in their admission to the number of those most prepared for study at the university, who consciously chose a specialty and scored the required number of points according to the results of testing on a set of disciplines conducted by the NTC under the President of the Republic of Tajikistan.

The university determines the order of formation of the student body based on:

- placing a state educational order for training specialists for the food industry;
- social order and implementation of the needs of the labor market in technical and technological education;
- payment for training at the expense of own, external funds and other sources.

Graduates of schools in Dushanbe, RRS and all regions and regions of the Republic of Tajikistan are admitted for full-time studies, graduates of colleges and universities are enrolled in full-time and distance learning, in shortened educational programs and using distance learning technology.

Students are informed about the requirements of EP before training in the process of career guidance and advertising with the involvement of the media (magazines, newspapers, television, radio), television of TUT "Marifat", newspaper "Fanovar" and the official website of the university.

Orientation week (fourth week of August) is held for newly enrolled students in order to familiarize themselves with the educational and methodical documentation, including the student's guidebook. Based on the information received, students form the IPS, draw up educational trajectories using the choice of both the teacher and the academic discipline, taking into account their needs for obtaining relevant competencies within the chosen specialty, the student's guidebook is available for each student.

At the ITF, for all educational programs of food specialties, the conditions are created that are necessary for the effective development of the selected EP in accordance with their interests and needs, providing appropriate resources (library, consulting, and information).

All students, regardless of the language of instruction, are provided with access to the electronic resources of TUT: an electronic library, curricula, an academic calendar, a catalog of elective disciplines, individual teachers' private offices with a set of teaching materials for disciplines, etc.

Also, students and visitors to the official website of the university can familiarize themselves with the rules for admission, transfer from course to course, from other universities, from one specialty of the corresponding cluster to another, etc.

From the first day of your stay at the university, students are held meetings with the faculty management, advisers and university administration to adapt students. Students receive a guidebook. The student's guidebook for each academic year is available both on paper and in electronic form on the official website in the "Learning Process" tab, when a student enters the AIS "lmc.tut.tj".

In order to prevent possible problems with students, purposeful work is carried out on an ongoing basis, designed to provide assistance to students who have problems in school, everyday life, relationships with peers, teachers, staff and in the hostel.

Monthly information is provided for the analysis of the contingent of students of all forms of training, a summary report on the contingent for the leadership of the university is being prepared. Based on these data, the faculty conducts outreach and career guidance work both with the current student population and with applicants.

The educational process at the ITF is organized on the basis of a set of developed internal regulatory documents of the UP and the educational process schedule.

The educational process at the ITF is organized on the basis of a set of developed internal regulatory documents of the UP and the educational process schedule.

The content of all the listed normative documents of students and their parents, as well as all interested parties can be found on the official website.

During the work of the selection committee, according to the approved schedule of the faculty, ITF conduct introductory courses for applicants in the content and features of the study of OP. For applicants and their parents, reference books of TUT specialties are developed in the state and Russian languages, containing information about the features of a particular specialty, as well as future professional activities. In addition, career guidance meetings of leading teachers with graduates of schools and colleges are regularly held during the school year. According to the orientation week program, the dean of the faculty and the head of the department conduct an introductory lesson on the rules of credit technology of education, the knowledge assessment system, the rules of translation and calculation of GPA, introduce the faculty and departments, the life and life of students, the Charter of the university, the regulations on moving into a hostel, the rules of residence in the hostel, the code of honor and the circles operating at the university, etc.

Newly enrolled students are introduced to the library's operating mode, library usage rules, and the electronic information retrieval system in accessible Internet resources.

Upon admission, students are provided with a guidebook containing information: about the university, departments and specialties, schedule, information about the

organization of the educational process, the basic rules for organizing the educational process on the credit system of education, the rights and obligations of students, the procedure for registering and re-registering students for study discipline, the organization of current, intermediate and final controls and assessment of their knowledge, information about the order of transfer, restoration and deduction of students, information about the organization of the SIW, the rules for using the material and information resources of the university, the list and procedure for the paid services provided, the list and telephone numbers of the administration.

Students are provided with individual logins and codes in the educational portal in the AIS "lms.tut.tj", where all information is available in electronic media.

Students are created conditions for participation in academic mobility programs. Students, after consulting with the faculty of the department and employees of the external relations department, present a document - an individual curriculum - indicating the disciplines that they will study at the receiving university and the recognition of which they want to receive, and also indicate the compliance of the chosen disciplines with the subjects of the curriculum in which they are studying TUT. At the same time, the department and the graduating departments are doing a lot of work to coordinate the disciplines that he will take in the host university, so that they match the studied disciplines in the sending university as much as possible. This document, in addition, must contain the student's obligations regarding the deadlines for the elimination of arising academic debts.

Upon completion of their stay at a partner institution, students provide the academic mobility coordinator with a transcript with a list of subjects studied, including exam results, internships and research work. Based on the transcript, in accordance with the standard curriculum and the catalog of elective disciplines, compulsory re-crediting of ECTS-type credits is carried out. To ensure the academic mobility of students and the recognition of educational programs (all levels and forms of higher and postgraduate education) in the European educational space, it is necessary to convert the received loans into ECTS loans, interested parties can familiarize themselves on the official website.

In addition to recognizing the results of academic mobility, higher education at TUT can be obtained on the basis of secondary vocational and higher education, thus the university recognizes previous learning outcomes and abbreviated EPs are developed for these categories of students that take into account the previous level of education.

Analytical part

The issues of forming the contingent of students and the results of admission are considered at meetings of departments, faculty, administration and the Academic Council. The formed contingent of students by forms and languages of instruction is approved by the rector of the university.

The responsibility for organizing the movement of students in the university lies with the Vice-Rector for Academic Affairs and Education Quality Management, and at the ITF, the dean of the faculty. Responsibility for the documentary support of the student contingent movement lies with the chief specialist of the educational department, and the employees of the general department are responsible for the formation and maintenance of students' personal files.

Changes in technology, technological processes based on the widespread introduction of computer technology and informatization of management functions require appropriate specialist qualifications and a high level of knowledge obtained by the employee both in preparation for work and in the process of production training. In this regard, professional certification confirms the competence of a specialist to the modern requirements of employers and regulatory documents.

However, with a direct visit of the EEC to TUT, professional certification for an accredited educational program is not confirmed.

In addition, it was not possible to find confirmation of the university's assistance in relation to the Lisbon Convention on Recognition and Cooperation with National ENIC / NARIC Centers. No internal documents have been provided on the basis of which the recognition of previous learning outcomes and qualifications is carried out, including in the framework of academic mobility of students.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

-access policies, processes and student acceptance criteria are implemented in a consistent and transparent manner;

-acquaintance with the organization of education and the educational program is provided for students;

-training requirements are transparent to all target groups.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

-consider preparing students for professional certification.

Conclusions of the EEC on the standard "Admission, academic performance, recognition and certification of students" according to the evaluation table, the EEC marked the position "satisfactory"

6.5. Standard 5. TEACHING STAFF

Standard:

The organization of education should have objective and transparent processes for the recruitment, professional growth and development of all personnel, which allow them to ensure the competence of their teachers.

Recommendations:

The role of the teacher is central to quality training and the acquisition of knowledge, competencies and skills. Diversification of the student body and a strict focus on learning outcomes require a student-centered approach, and, consequently, a change in the role of the teacher (see standard 1.3).

Educational organizations bear the main responsibility for the quality of their employees and the provision of favorable conditions for their effective work. Therefore, educational organizations should:

- Recognizing the importance of teaching, develop clear, transparent, and objective criteria for hiring employees, appointing them to the post, promoting them, leaving and following them in their work;*

- Provide career opportunities and professional development for teachers;*

- Encourage research to strengthen the link between education and research;*

- Encourage innovative teaching methods and the use of advanced technologies.*

Evidence part

Personnel policy is one of the strategic priorities of the university. It is aimed at ensuring qualification requirements for the implementation of educational programs, maintaining the professional potential of the teaching staff, creating conditions for

increasing the professional motivation and career growth of teachers, creating a favorable moral and psychological climate in the team.

The current order at the university ensures the transparency of personnel policies.

In TUT, according to the Labor Code of the Republic of Tajikistan, a wage system has been developed. Regulatory documents regulating the procedure for hiring, promotion and functional responsibilities are published on the university website. Along with this, teachers have the opportunity to apply with working questions to vice-rectors and heads of departments in working mode without prior appointment. This indicates the availability of leadership and its interest in developing feedback with the team.

At the department of TFP“ named after Kurbanova I.I.” 16 teachers work, 11 of them are full-time. Of the total number of full-time teachers: doctors of science - 1, candidates of science - 9 and assistants - 2. The number of full-time teachers with a scientific degree and title is 82.0%. The department employs teachers with significant industrial experience in food enterprises. Also at the department industrial workers are involved in the academic work - Amirshoev F.S. (Director of the Institute of Animal Husbandry of the TAAS of RT), F. Rakhimova (Director of the Research Institute of Nutrition at the MII ofT RT), Nazarbekova N. (Head of the Laboratory of “Shiri Dushanbe” CJSC).

The qualifications of the teachers of the department, their quantitative composition correspond to the directions of training students, meet licensing requirements and indicate the staffing of educational activities.

The qualifications of the teachers of the department, their quantitative composition correspond to the directions of training students, meet licensing requirements and indicate the staffing of educational activities.

In accordance with the rules for competitive filling of posts of faculty and scientific workers of higher educational institutions, the university has a system for hiring teachers on a competitive basis and with the conclusion of an employment contract. The existing mechanism allows you to get a holistic view of the professional solvency of the teacher, to determine its relevance to the desired position.

When hiring faculty, a prerequisite is the applicant for a vacant post of higher professional education, academic master's degree, academic degree of a candidate or doctor of science, doctor of PhD in the specialty, the education corresponds to the profile of the department's specialties, etc.

TUT is responsible for its employees, provides them with favorable working conditions.

During the school year, teaching staff organizes demonstration classes in order to assess the effectiveness of the technologies used, demonstrate teaching methods, improve individual methods, pedagogical finds, and create their own system of educational work with students. As a result of these demonstration classes, shortcomings, shortcomings in conducting classes are identified, the best methodology and forms of conducting classes are also determined, which are to be distributed among university teachers.

Assessment of the quality of teaching and the methodological level of teachers is carried out through analysis of the results of examination sessions, control sections of knowledge and external assessment of educational activities.

Questioning students is a logical continuation of the internal examination of the quality of teaching, during which students give an assessment of the quality of classes for a particular teacher.

The pedagogical load of teachers consists of educational, educational, methodological, research, educational activities, which are planned for one academic year.

Analysis of the performance and assessment of the activities of teachers is carried out at the end of the school year, as evidenced by the minutes of the department's meetings, the conclusion of the department's head in individual plans.

In TUT, the individual load of a full-time teacher, regardless of academic rank and degree for one academic year, is 64 credits (1536 hours), and the active load is 23 credits (552 hours).

The active teaching load of the teacher consists of lectures, practical and seminars, laboratory work, independent work of students under the guidance of a teacher. The fulfillment of the pedagogical load of the teaching staff of the university in full for the academic year is indicated in the reports of teachers and is reflected in the "Individual plan of the teacher."

The effectiveness of the educational and methodical work of the teaching staff of the department is evidenced by published textbooks, teaching aids and methodological developments.

The results of scientific activity are actively introduced into the educational process, reflected in the scientific articles of teachers, abstracts at international and national conferences.

For teaching staff, conditions have been created and are being maintained for the development of personality and the regulation of socio-cultural processes that contribute to the strengthening of moral, civic and general cultural qualities in order to form general cultural (social and personal) competencies.

An integral part of the university's personnel policy, which is planned and contributes to solving the strategic tasks of the university's development, is continuing education courses. Every year, the university develops a continuing education plan for teaching staff, whose main goal is to develop the professional and general competencies of teachers taking into account the needs of the labor market.

One of the tools for continuing education of faculty members is their participation in academic mobility programs. The teaching staff of the department is actively involved in various projects to support academic mobility through international educational projects GIZ, TAMPUS, Erasmus Mundus and Erasmus +.

The necessary conditions have been created for the personal development of teachers at the university, i.e. the university has a reading room and a hall of scientific periodicals of the library with free access for students and undergraduates, teachers to the educational and scientific foundation.

The university conducts sociological surveys of faculty members regarding their satisfaction with the management system. At the same time, in the framework of the EEC visit, a survey of teaching staff was also conducted, so according to the results of the questionnaire on the issue of satisfying the content of public education, 62.2% answered as "very good" and 37.8% - "good". Concerning the opportunities for continuous development, positive dynamics were noted with the answers "very good" and "good" 48.95 and 51.1%, respectively.

For successful professional and corporate communication, timely delivery of orders, orders and other documents, as well as the organization of a full-fledged educational process at the university, information technologies such as an automated information system, corporate e-mail have been introduced and are actively used, and an electronic library is also functioning successfully.

A high level of professional competence of teachers is ensured by the university representation in various events. Supporting educational initiatives, faculty members are actively involved in the development of the regulatory framework, state standards for specialties, test tasks; conducting an external assessment of the educational activities of universities; preparation of expert opinions on the quality of dissertation research, teaching aids and scientific monographs.

Analytical part

The management of TUT has a great responsibility for its employees, provides them with favorable working conditions. All this activity in this direction is reflected in the Charter of TUT.

Further education courses contribute to solving the strategic tasks of the development of the university. So, for the development of professional and general competencies of teaching staff, taking into account the needs of the labor market, an annual training plan for teaching staff is developed.

Teaching staff of the department actively participate in academic mobility programs in various projects through international educational projects GIZ, TAMPUS, Erasmus Mundus and Erasmus +.

So, for example, in the framework of the GIZ project "Professional education in the field of food technology in Central Asia" - Khakimov GK, Kurbanov FB, Ikromi MB, Khushmatov AT, Sharipova MB, Abdullaeva M., Khabibov A.Kh., Huboni S., Nazarov Sh.A., Turaeva G., Samadov I.Sh. and Gafarov A.A. took internships and short-term advanced training courses at leading universities in Germany, Kazakhstan, Uzbekistan, Kyrgyzstan and Tajikistan and received certificates.

Nazarov Sh.A. Ph.D. on technical sciences, senior teacher received a grant under the Erasmus Mundus project, implemented at the University of Lille (France), and he also completed a doctoral research program on a scientific topic at the Institute of Structural Technologies in Padova (Italy).

Khabibov A.Kh. Ph.D. on economic sciences, senior teacher is a member of the Erasmus + "EXTEND" project, within the framework of which he completed internships with the aim of mastering the methodological and pedagogical skills of European colleagues at the University of Bucharest (Romania - 2018) and at the University of Migno in Guimaraes (Portugal - 2019).

The advanced training of the faculty of the department was confirmed by methodological and professional certificates.

However, it is necessary to organize training seminars for the teaching staff of the department on the basis of production, international universities and organizations in order to form a competent approach to solving training issues. It is also necessary to develop an action plan to attract food industry specialists to conduct classes taking into account new modern technologies.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

- university leadership provides favorable conditions for the work of its employees;
- the motivation of professional and personal development of the teaching staff of the accredited EP was demonstrated, including the use of various promotion methods;
- conducting sociological surveys of teaching staff for their satisfaction with the management system.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

- the involvement of leading specialists in relevant fields in teaching;
- attracting foreign and domestic teachers to the educational process, facilitating the participation of teachers, accredited by the OP of international academic mobility.

The conclusions of the EEC according to the standard: "The teaching staff" according to the evaluation table, the EEC marked the position "satisfactory".

6.6. Standard 6. EDUCATIONAL RESOURCES AND STUDENTS SUPPORT SYSTEM

Standard:

The organization of education should ensure that sufficient, accessible, and relevant educational resources and student support services are available.

Recommendations:

During training, students need educational resources, which can be either material (libraries or computers) or human (tutors, curators and other consultants). The role of support services is especially important in stimulating student mobility both within the educational system and between different higher education systems.

When allocating, planning and providing educational resources, support services should take into account the needs of various groups of students (adults, workers, correspondence students, foreign students, as well as students with disabilities) and take into account student-centered learning trends.

Support services and their activities should be organized taking into account the situation of a particular educational organization. Nevertheless, the internal quality system ensures the availability and relevance of all resources to the learning objectives, as well as informing students about the available services.

In providing support services, the key role belongs to the administration and specialized services, therefore, the organization of education should ensure the professionalism of employees and opportunities for the development of their competencies.

Evidence part

An important factor in ensuring the quality of education and guaranteeing the sustainable development of TUT is the continuous improvement of material, technical and information resources. The university has all the conditions for teaching students, conducting scientific research, publishing the results of research work of teaching staff, staff and students.

The University has the material and technical base, providing all types of practical training and research, provided by the curriculum of the university and the relevant sanitary and epidemiological and fire safety norms and rules.

Systematic work is underway to update and improve the material and technical base of specialties. Monitoring of the sufficiency and up-to-date of the resources used is carried out by a working group created from among the teaching staff of accredited EPs. The monitoring results are heard at the meetings of the departments and the faculty council. On the basis of the decisions of the department, accredited EPs make an application for the acquisition of the necessary resources.

Students of accredited EPs have the opportunity and access to use the socio-cultural and sports facilities of the university.

The creation of an effective education infrastructure is a prerequisite for the university to successfully fulfill its mission. Every year at meetings of the Academic Council, the administration, questions are heard on providing educational activities with the necessary resources.

In order to fully realize the principle of student-centered learning in the activities of TUT, the university leadership pursues a policy aimed at providing the educational process with the necessary amount of modern, accessible and diverse educational resources, as well as student support structures. The strengthening and development of the material and technical base of the university, the modernization of the information technologies and tools used in it, the optimization of its organizational structure are aimed at creating the most favorable learning environment at the university.

The need for technical resources in various resources is determined in accordance with the goals of the strategic plan for the development of the university, the needs of the educational institutions and departments of the university, as well as the requirements of regulatory documents in the field of education. In this case, an analysis of statistical data characterizing the activities of the university, contained in the annual report on the work of TUT, in the reports of faculties, departments and other departments of the university, as well as analysis of information received during sociological surveys or received through other feedback channels is used.

At the beginning of each academic year, all departments of the university send applications to various state institutions and departments. On the basis of the submitted applications, a university procurement plan is drawn up (by tender).

Currently, there are 9 educational buildings, 22 different laboratories, Centers and specialized classes, 17 computer classes, 1 student dormitory, 1 sports hall, 4 outdoor sports grounds, the "Fanovar" innovation and technology park and a garage for official vehicles on the balance of TUT. The number of classrooms in all academic buildings is 105 units. The total area of educational buildings, workshops, laboratories, gyms, sports grounds where classes are held with students is 6178.7 square meters, the training area is 5227.4 square meters.

The dynamics of the development of material and technical resources is positive. Based on the results of assessing the degree of depreciation of buildings, inventory results, the moral aging of computer equipment, etc., measures are being taken to maintain university resources at the level of requirements for educational institutions.

The issues of sufficiency and modernity at the disposal of EP resources - classrooms, laboratories, computer equipment and software, financial resources, access to international databases, research results, professional practice and employment systems, teaching aids and materials are considered at meetings of departments, councils of faculties, UMC and the Academic Council of the University.

The mechanism for monitoring the sufficiency and modernity of the educational resources used includes the analysis of the state of these resources in the preparation of annual final reports on the work of faculties, departments and other structural units of the university, as well as in their planning of their activities and the preparation of applications for public procurement. In addition, the monitoring of educational resources used is carried out with the help of annual sociological surveys of students and teaching staff in the framework of projects such as "Assessment of the social well-being of students at TUT", "Assessment of the social well-being of teachers and employees of TUT", "Opinion of students about the effectiveness of the educational process at TUT".

In the course of these surveys, students and teachers, among other things, evaluate the material and technical support of the educational process, the sufficiency of such educational resources as educational and scientific literature, the number of places in the reading room, the Internet, computer equipment, and the equipping of classrooms, classrooms, and laboratories with the necessary equipment.

A prerequisite for the implementation of student-centered learning is the availability and effective functioning of a system of individual assistance and counseling of students on educational issues at a university. TUT has a sufficient number of accessible and diverse student support services.

The most important factor in ensuring the quality of education at the university is the leadership of TUT and faculty who consider the continuous improvement of information technology resources. The e-learning system created at the university allows using the latest technical achievements, introducing innovations, automating the educational process, creating electronic educational resources, and being actively present in the Internet space.

TUT electronic educational resources include electronic teaching materials and test tasks developed by teaching staff; electronic textbooks, multimedia and interactive materials developed at the university or acquired; video lectures and video tutorials; electronic versions of educational and scientific literature, digitized funds of the TUT library; electronic databases of scientific periodicals, educational literature, the use of which is available through the scientific library of the university.

Students use these resources through the TUT library funds, where electronic textbooks, educational films, video lectures, etc. ; electronic reading room, in which the digitized funds of the library and other electronic databases are located; electronic databases of departments of TUT where electronic versions of curricula, teaching materials, test tasks are available, available through the university's local network (elibrary.tut.tj); TUT website and an educational portal that provides Internet access to the teaching materials, test assignments for all subjects studied, the schedule of training sessions, educational videos and the electronic catalog of the TUT library, etc.

The university has created a unified corporate telecommunications network, (lms.tut.tj), which is a platform for the development, implementation and use of ICT.

A student is informed about external and internal mobility programs on a regular basis by employees of the external relations department by holding meetings with students and faculty at faculties, transmitting information through mobility coordinators, and posting information on the TUT website.

Students take part in international scholarship grant programs annually: GIZ, Erasmus +, ITEC, OSIAF.tj, Sur-Place. The University is a partner of Center for International Programs JSC, annually in cooperation with the Center's representatives meetings, online conferences, online briefings, information days and consultations are held.

The organization of socio-cultural and educational adaptation of foreign students is directly involved in the management of faculties and host departments: deans and heads of departments. Control over their socio-cultural adaptation is carried out directly by the vice-rector for international relations and social issues and student self-government of faculties.

Talks are held with them about the traditions and cultural values of Tajikistan, visits to city museums are organized, assistance is provided in the development of new activities and forms of behavior.

In general, the material, technical, informational and library resources used to fulfill the stated mission, goals and objectives comply with the requirements of ongoing educational programs.

Analytical part

As a result of the visual inspection by members of the EEC of the material base facilities, it should be noted that to ensure the educational process, the university has all the necessary educational and material assets to accredit the accredited EP. Classroom and laboratory facilities, classrooms comply with established norms and rules.

However, the university should improve the technical capabilities for people with disabilities, replenish the amount of specialized literature in the areas of training, especially in electronic format.

The information provided by the university on the indicated EP on material and technical and information resources shows a tendency to improve.

As a result of the analysis of the activities of the accredited EP according to this standard, it can be concluded that the completeness and accessibility of the material and technical and information resources indicated by the EP have been evaluated. There is a dynamics of resources and the learning environment, library support of the educational

process; activities directed by the EP leadership to improve the resource support for the implementation of the EP are highlighted.

In the implementation of educational activities, the university is guided by regulatory documents that regulate the mandatory regulatory requirements for the material-technical and educational-laboratory base of educational organizations. There is a fairly good level of information support for educational and scientific-educational activities with access to full-text electronic resources of educational and scientific significance, which meets the needs of students and university staff.

The Commission notes the need to continue focused work to ensure conditions for the training of people with disabilities, including the development of a version of the university's website for people with visual impairments. In addition, it is necessary to take into account the needs of various groups of students in the context of EP (adults, workers, foreign students).

The EEC also notes that under the accredited program the work on the development, publication and acquisition of educational literature in the state, Russian and English languages has been insufficiently done.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

-library resources were formed, including a fund of educational, methodological and scientific literature on general education, basic and majors in paper and electronic media, periodicals, access to scientific databases;

-an examination of graduation work is carried out on plagiarism;

-there is access to educational Internet resources;

-Wi-Fi is functioning in the territory of the educational organization;

-the university is committed to ensuring that the educational equipment and software used to master the educational program are similar to those used in the relevant industries.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

-to intensify work on the development, publication and acquisition of specialized literature for an accredited EP in the state, Russian and English languages;

-in the distribution, planning and provision of educational resources, it is necessary to strengthen the degree of taking into account the needs of various groups of students (adults, workers, foreign students, as well as students with disabilities).

Conclusions of the EEC on the standard "Educational resources and student support system" according to the evaluation table, the EEC marked the position "satisfactory".

6.7. Standard 7. INFORMATION MANAGEMENT

Standard:

The educational organization must ensure that it collects, analyzes and uses relevant information to effectively manage its areas of activity and its educational programs

Recommendations:

Presentation of reliable information is a prerequisite for making a decision. Educational organizations should use this information in order to know what works efficiently and what needs to be improved. Confidence is needed that the educational organization has mechanisms for collecting and analyzing information about its activities, its educational

programs and uses the information received in the work of the internal quality assurance system.

What information is collected to some extent depends on the type and mission of the EO. When collecting information, the EO must consider the following:

- *key performance indicators;*
- *information about the student body;*
- *academic performance, student achievement, and dropout rates;*
- *student satisfaction with program implementation;*
- *availability of educational resources and student support services;*
- *employment of graduates.*

Various methods of collecting information may be used. It is important that students and staff are involved in the collection and analysis of information and the planning of subsequent procedures.

Evidence part

In order to improve the quality of educational services using modern information technologies, in 2016 the University acquired the LMS Learning Management System (LMS), which allows automating processes comprehensively. "LMS" is a quality management system for the educational process, which provides the development of electronic courses, their placement and the direct conduct of e-learning using distance educational technologies, maintains a system of accounting for student performance and activity at the end of the session.

Also, the information system "lms.tut.tj" is a unified system of testing and grading, it implements ample opportunities for generating reports and generating information on the tests performed, which reduces the influence of the subjective factor on the part of the teacher (mood, skill level, personal attitude to a student, etc.) when evaluating students' answers, high objectivity in evaluating the work performed, which subsequently affects the degree of students' interest, the possibility of mathematical and statistical processing results, which increases the objectivity of the pedagogical control, increasing the frequency and regularity of the control of knowledge in connection with the reduction of time spent on the execution of tests and test automation.

The state exam is also carried out using "lms.tut", the results of which are automatically implemented in the system, which makes it possible to instantly track the rating of students.

The official website of the university is one of the TUT information systems that informs about plans for the development of academic programs and the adoption of collective decisions.

The university library plays an important role as the main center for providing information to the educational process and in the formation of professional skills of students. The TUT library operates in accordance with the orders and instructions of the Founder of Peace and Unity, the leader of the nation of the President of the Republic of Tajikistan, respected Emomali Rahmon, the Laws of the Republic of Tajikistan "On Library Activities", "On Information", "On Copyright and Related Rights", and the Charter of the library and the Academic Council of the university, based on the work plan.

Students and teachers through the TUT Scientific Library can use periodicals of the electronic database of the National Library of Tajikistan; Central Scientific Library of the Academy of Sciences of the Republic of Tajikistan; Electronic base; Scientific and Technical Library of the SP Center and the Base of the Eurasian Patent Organization; Electronic magazines "Food industry", "Dairy industry", "Technique and technology of the food

industry”, “Issues of methodological training”, “Economics and management of innovative technologies” and with others.

Since April 25, 2014, the “Marifat” television and educational programs sector has been operating on the base of TUT, which notifies employees and students of all radio events, and also participates in the training of specialists in the field of information security, telecommunications and computer technologies. This sector implements the program “Search and support of talents” among students, scientists and other employees involved in educational activities.

The officially approved indicators of the effectiveness and efficiency of EP activities are the students' achievements in their quantitative expression (awards, victories, places, etc.) obtained by them for a certain period of time; the total diversity of activities, areas of EP, their security; the ability of the institution to fulfill in full, on time and qualitatively social order.

The effectiveness of the university is also determined by the ratio between the results achieved by it and the resources used. To evaluate it, statistics are collected and analyzed according to the following criteria: the results of a set of students; academic performance and quality of knowledge in the context of faculties, EP and disciplines; contingent movement; employment of graduates; university staff; his financial situation (earned income), etc. The effectiveness of the university is also evaluated on the basis of analysis of the results of opinion polls of students, teachers and employers. Employers and graduates are involved as external experts to assess the effectiveness and efficiency of the university.

Teachers and employees of the university are involved in the processes of collecting and analyzing information, primarily as its sources, presenting to the management reports on their work containing actual data on its implementation and their analysis. This is mainly done during the preparation of reports on the work of the teaching staff of TUT, its departments and the university as a whole, in the context of the main components of the educational process - training, educational and research activities and their resource support.

In all departments of the university, paperwork is conducted in accordance with the approved nomenclature of cases, the safety and archiving of documents is ensured, work is underway to switch to electronic document management. The performers are promptly familiarized with the information electronically through the mailing list in the electronic document management system on the local network.

They participate in decision-making on the basis of the information collected and analyzed through their representatives in collegial management bodies.

Based on an analysis of the information, risks are identified and predicted during the period of the admission campaign of the TUT. A comparative analysis of the results of admission for previous years of the contingent of applicants, which takes place for further forecasting, is carried out. The risk of contingent loss is identified at the university before the start of the admission campaign. The question of recruiting applicants for the next academic year is systematically discussed at meetings of departments, academic councils of faculties. The reasons for a possible shortage of university entrants based on available information are considered. Decisions are being made to reduce the likelihood of risk or to reduce its consequences, and to strengthen career guidance in secondary schools in Tajikistan.

There are also the following risks in the implementation of EP: educational migration, the outflow of scientific and pedagogical personnel, the absence of a military department at a university, the increase in the price of EP in its implementation, the backlog of discipline from the conditions of real professional activity, the process of forming competencies, and others. Overcoming the identified risks is complex a task that can be solved by combining the efforts of subjects of the educational process at different levels - from teachers and

university administrators to developers of educational standards. Risk minimization becomes possible through the development of tools for building competencies, expanding the range of educational services, motivating and stimulating pedagogical and research activities, as well as through the availability of reliable tools for input, intermediate and final control, which optimizes the educational process and makes the process of achieving implementation goals educational programs are more structured and consistent.

The Center for Computer and Educational Technologies provides protection for the software used - licensing of software products; electronic resources published on the Internet - using the https protocol and backup; corporate network - setting up firewalls; computer equipment - installation of antivirus tools; confidential information - access control; corporate information - using authorization and authentication tools.

Analytical part

Analyzing the educational programs in terms of the content and semantic load of this standard in the evaluated areas, the commission notes that the university has a system for managing information and reporting on student enrollment, academic performance, student movement, staffing, academic mobility of faculty and students, which is presented in regular reports at chair meetings, administration and the Academic Council of the University. Regular surveys of students and employers are conducted and, based on the results of their surveys / interviews, appropriate measures are taken to eliminate shortcomings.

The EEC notes that the internal regulatory documentation developed at the university determines the structure and amount of information collected, its reliability and timeliness, allows you to generate analytical reports and make decisions based on facts.

At the same time, there are questions on this standard that are not fully reflected in the self-report and have not been confirmed during the work of the EEC.

The EEC notes that the university has not defined a regulation for updating the university's website information. The site does not contain information on educational programs (educational program, development plan of EP, graduate model) that do not pass accreditation.

Documents confirming the existence of documented information management processes are not fully demonstrated.

The EEC also notes that during the interviewing process, the existence of a mechanism for communication with students, including the existence of conflict resolution mechanisms, was not fully confirmed.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

-the university provided a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrated evidence of eliminating the identified shortcomings.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

-to develop a mechanism for evaluating the effectiveness and efficiency of activities in the context of EP;

-to develop and approve an internal document regulating the issues of updating the content of information on the site, its updating and distribution.

Conclusions of the EEC on the standard "Information Management" according to the evaluation table, the EEC marked the position "satisfactory".

6.8. Standard 8. INFORMING OF PUBLIC

Standard:

The educational organization should inform the public about its activities (including programs). Information should be clear, reliable, objective, relevant and accessible.

Recommendations:

Information on the activities of the organization of education is useful both for applicants and students, as well as for graduates, other stakeholders and the general public.

Therefore, the educational organization should provide information about its activities, including ongoing programs, about the expected learning outcomes for these programs, the qualifications, teaching, training, assessment procedures, passing grades and training opportunities provided to students, as well as information about employment opportunities for graduates.

Evidence part

Information on the activity of TUT and on the implementation of the EP openly publishes on all possible information carriers. TUT organizes various marketing, career counseling and other events, job fairs, scientific seminars and conferences, at which the general public has the opportunity to get acquainted with the activities of the university, its policies and strategies.

The procedure for updating information on the site has been established, responsible persons providing this update have been identified in the university departments.

Students have access to a portal that is specially created to effectively support the educational process and exchange information. It contains many supporting materials on academic regulations and rules.

The site provides information on the activities of the university for applicants and students, for graduates, parents and the general public.

To create an effective system for promoting the employment of university graduates, the Center for Career Growth and Innovation was created at TUT. An important factor in promoting the employment of graduates and further maintaining contact with them is the website of the Career and Innovation Center - <http://tajhosting.website/>

In order to effectively manage external and internal communication policy, to cover activities through the media, the Press Service, "Marifat" TV and the Fanovar newspaper purposefully work in the university. Their work is based on the Concept of PR-support of the TUT.

Basic background information on the activities of the university and the implementation of educational programs is available on the official website <http://www.tut.tj>. The preparation of information for posting on the University's Internet resources, in addition to information posted by academic units and teachers on the educational portal, is carried out by the university's responsible structural units. Information is provided in three languages: Tajik, Russian and English.

In order to inform the public, meetings are held with the target audience: employers and heads of industry enterprises in the food industry.

Assessment of satisfaction with information about the activities of the university, about the specifics and progress of the implementation of the EP is regularly conducted through opinion polls and other feedback channels.

The university's website has open access to published scientific collections "Vestnik TUT", scientific articles of international and national conferences of undergraduates, doctoral students and monographs.

Information on the specifics of the OP is diverse. Every year, in order to provide wide information to the population about the activities and specialties of TUT, the rector of the university approves a career guidance plan.

The university annually publishes an advertising and information booklet, a video is shot about the university, about the departments, image production with the logo of TUT is made, information about the university, faculties, departments, specialties is prepared and posted on the website.

News about the life of the university is published on social networks - on Instagram, on Facebook. Currently, the number of followers on Facebook is more than 1,000 subscribers and on Instagram about 870 followers.

Announcements on the conditions for admission of applicants to TUT are annually published in newspapers, broadcast on television, as well as on large LED screens in the city squares.

The activities of the university in full accordance with its mission are closely related to the life of society. TUT teachers take part in city, regional and republican events; public figures, masters of culture, politics participate in university events; articles and speeches of the university leadership and its scientists are always in demand in the media.

A database of university scientists (monographs, scientific articles, textbooks and teaching aids) has been formed in the electronic catalog of the scientific library, and the scientific library regularly publishes a bibliographic index of teaching staff for anniversary dates.

Information on collaboration and collaboration with internship partners is available at <http://tajhosting.website/>.

In all educational and administrative buildings of the university there are thematic stands with which students and guests can familiarize themselves with the provisions and internal regulations of the university.

Analytical part

Information on the activities of TUT and on the implementation of the EP is published on the university's website, as well as on social networks.

Information on the accredited undergraduate degree in the specialty 1-4901020202 - "Technology of milk and dairy products" has been published on the official website of the university. However, the full information on the site based on the materials of the accredited EP is given in only one language, Russian, although the working languages of this site are three languages. Some tabs on the official website were inactive (there is only a layout with section headings), and some part contains incomplete information.

There is no information about Association of graduates on the official site of TUT in order to obtain feedback for close cooperation in matters of training and employment.

At the same time, information on the activities of TUT in social networks is set at a good level, and a system of traditional events is described in detail.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

- the availability of information about vital functions, strategies and missions of HERE;
- the availability of leadership and its interest in developing feedback with the team and students, as well as with the public;
- the use of various methods of disseminating information, including the media, information networks to inform the general public of interested parties.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

- to ensure constant updating of the university website, including in the context of EP.

The conclusions of the EEC on the standard: “Public awareness” according to the evaluation table, the EEC marked the position “satisfactory”.

6.9. Standard 9. PERMANENT MONITORING AND PERIODIC EVALUATION OF PROGRAMS

Standard:

The education organization should monitor and periodically evaluate programs to ensure that they achieve their goals and meet the needs of students and society. The results of these processes should lead to continuous improvement of programs. All interested parties should be informed of any planned or undertaken actions in relation to these programs.

Recommendations:

Constant monitoring, periodic evaluation and revision of educational programs are aimed at ensuring their effective implementation and the creation of an enabling environment for student learning.

This includes an assessment of:

- the content of the programs, taking into account the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;*
- the changing needs of society;*
- load, academic performance and graduation of students;*
- the effectiveness of student assessment procedures;*
- students' expectations, needs and satisfaction with the program;*
- The educational environment and support services and their relevance to the objectives of the program.*

Programs are regularly evaluated and reviewed by students and other stakeholders. The information collected is analyzed and the program is brought into line with modern requirements. The changes are published.

Evidence part

The main purpose of monitoring and evaluating EP is to achieve certain positive results in the learning process, timely response to the needs of the labor market, as well as the use of the latest achievements of science and technology. Based on the monitoring and evaluation of the EP, changes and additions are made to the structure and content of the EP.

With the aim of continuous improvement of the EP at the department of " food technology named after Kurbanova I.I." using various mechanisms, such as interviews, surveys, questionnaires of students and major employers, monitoring and periodic evaluation of educational programs is carried out.

Revision of working curricula and curriculum programs in the areas of specialist training at the department is based on an approved schedule. The frequency of review of curricula and programs of academic disciplines is carried out once a year, after discussing the changes made, expert reviews, i.e. employers at a department meeting.

The basis for the annual revision of the EP is teachers' suggestions regarding changes in the content and pedagogical teaching technologies, the results of self-assessment, administrative audits, changes in the educational-methodical, personnel, material and technical support for the implementation of EP, etc.

To achieve goals within the framework of the EP, a set of measures is being taken. In accordance with the Regulation on the organization of the educational process, TUT provides for the procedure for updating EPs, which are updated annually, all changes and

additions are approved by the decision of the TUT Teaching and Methodological Council, no later than the beginning of the school year after discussion at the meetings of the departments, at the faculty EMC, taking into account the wishes of the teachers of the departments, employers, recommendations of the chairmen of the SAC and student proposals.

In accordance with the SSHVE of RT, as well as the Regulation on the development and implementation of TUT educational programs, a competency-based approach is used when monitoring and evaluating curricula and programs.

The main EP provides for the possibility of forming individual learning paths for students on the basis of the Regulation on the formation and implementation of academic disciplines for students at TUT.

In order to ensure the effective formation and development of professional skills of students of the specialty 1-49010202 - "Technology of milk and dairy products", once a school year, the use of modern and interactive forms of training is monitored, such as business games, solving certain pressing problems, brainstorming, psychological trainings etc. Meetings of students with representatives of manufacturing enterprises, organizations and specialists are held.

The educational program is updated in connection with the change in state standards of higher professional education, the introduction of new directions and elective courses. Updating the EP is carried out in accordance with the requirements of the Ministry of Education and Science of the Republic of Tajikistan, which is reflected in the catalog of elective disciplines for the corresponding academic year and approved by the Academic Council of TUT.

The wishes of students and the opinions of teachers are considered at a meeting of the department, where a decision is made on how to satisfy them. All interested persons make suggestions for making changes to the content of the EP at a meeting of the department, and in the same place they make a decision in a collegial manner.

TUT actively interacts with business entities of various forms of ownership and activity, including industrial enterprises. In this direction, special attention is paid to enterprises included in the structure of the Ministry of Industry and New Technologies of the Republic of Tajikistan.

TUT with business entities signs an agreement on the passage of professional practice by students in the framework of EP. Heads of practice from the department closely interact with employers and take into account their opinion for the revision and improvement of working curricula and curriculum programs of educational programs.

Representatives of some employers are involved in teaching, take part in meetings of the department and make their proposals for the development and adjustment of work curricula and curriculum programs, as evidenced by the relevant minutes of the meetings of the departments, as well as reviews and reviews of educational materials.

On the basis of questionnaires and surveys among some employers, the quality of training of graduates of TUT is determined.

Stakeholders are actively involved in the revision of the EP. The main areas of interaction between TUT and stakeholders are:

- monitoring and evaluation of stakeholder positions;
- informing and educating stakeholders (distribution of information materials, public presentations, speeches at "round tables", conferences);
- advising and taking into account the positions and interests of stakeholders in planning university activities;
- joint work on the basis of regulated agreements of contracts, active exchange of information to the extent determined by regulatory legal acts;

➤ cooperation: joint training, participation in planning, including at the decision-making level.

At the department of "food technology named after Kurbanova I.I. " in order to ensure the relevance of the taught disciplines, an analysis of their content is carried out. Also, the latest achievements of science are periodically included in the content of some academic disciplines.

In TUT, in order to obtain information characterizing students' satisfaction with a particular educational program, the effectiveness of the educational process, the provision of educational, methodological and information technology tools, forms of monitoring and assessing students' knowledge, sociological surveys of students are regularly conducted.

The educational process at TUT primarily includes the work of the teachers of the departments. Therefore, one of the main characteristics of assessing the quality of the educational process is the satisfaction of students with the activities of the faculty.

The leadership of TUT pays special attention to the issue of personal development of students in the process of developing EP. Today, the problem of developing students' personal readiness to build a successful professional career in a university is becoming more relevant.

The following methods are used for the personal development of students of ITF of TUT in the process of mastering EP: questionnaires, testing, diagnostic conversation, etc., the results of which are recorded in the department of educational work of the university.

These polls will help make the university even more attractive to the students themselves. Their answers will be surely heard and taken into account by the leadership of departments and faculties.

The results of surveys and questionnaires are statistically processed, discussed at the meetings of the administration and are taken into account in the further planning of the EP. According to the statistical monitoring data, a report on the results of the sessions is periodically analyzed and generated at the university level, which is submitted for consideration by the Academic Council to take the necessary measures to achieve positive results.

In order to assess the level of satisfaction of students and graduates, a "Confidence Box" was organized as part of the EP. Based on the complaints and proposals received, a commission is established, approved by the faculty council, which solves the problems.

In TUT, the load, performance and graduation of students are monitored and evaluated. The volume of the load, the level of academic achievement and the graduation of students comply with regulatory requirements, established laws and regulations of the Republic of Tajikistan. To assess the academic load of students, surveys of students and teachers of departments are conducted annually, the results of which are taken into account when forming the educational load of students.

The volume of the student's workload is measured in loans acquired by him during the school year for each academic discipline. The teaching load of teaching staff is carried out in academic hours, which is the time of contact work between the teacher and the student according to the schedule of classroom studies or according to a separately approved schedule for other types of educational work.

Analytical part

During the visit, EEC members did not find out how stakeholders are informed when changes are made to the content of the EP and where information about these changes is published.

During their work, members of the EEC did not see confirmation of the monitoring of innovative teaching methods.

The EEC Commission notes that the taught disciplines of the EP in the specialty 1-49010202 - "Technology of milk and dairy products" do not fully reflect the latest achievements of science.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

- the existence of developed forms for conducting a survey of students, faculty and interested parties;
- supporting documents on the participation of stakeholders, employers and producers in the revision of EP are shown;
- annual renewal of public relations taking into account the recommendations of employers and other interested parties.

EEC recommendations for the EP "1-49010202 - Technology of milk and dairy products":

- inform interested parties when introducing changes to the content of the EP, publish information on the university website.

The conclusions of the EEC on the standard: "Continuous monitoring and periodic evaluation of programs" according to the evaluation table, the EEC position "suggests improvement" is noted.

6.10. Standard 10. PERIODIC EXTERNAL QUALITY ASSURANCE PROCEDURES

Standard:

The educational organization must undergo external quality assurance procedures in accordance with European Standards and Recommendations (ESR) on a regular basis.

Recommendations:

External quality assurance procedures in various forms make it possible to evaluate the effectiveness of quality assurance processes within an educational organization. They are catalysts for the development and implementation of new opportunities. They also provide information on the quality of educational organization activities to the public.

Evidence part

An external assessment of the quality of the educational process TUT is carried out in the process of passing the institution of institutional and specialized certification and accreditation by the State Service for Supervision of Education at the Ministry of Education and Science of the Republic of Tajikistan. The state certification and accreditation of TUT is held every 5 years. The university successfully passed the institutional certification in 2004, 2009, 2014 and 2019. According to the results of the institutional accreditation procedure, TUT received a license for a period of 5 years in March 2019 (39 EPs were accredited). The next national institutional accreditation is expected at the end of 2024. Prior to the next certification, the university conducts internal certification. Based on the results of certification in March 2019, an action plan was drawn up to eliminate the comments and shortcomings reflected in the conclusion of the certification commission of the State Service for Supervision of Education at the Ministry of Education and Science of the Republic of Tajikistan.

As a result of the effective work of the teaching staff of the Technological University of Tajikistan and on the results of independent monitoring in 2017 implemented by the State Service for Supervision of Education at the Ministry of Education and Science of the Republic of Tajikistan, the university took 10th place among 31 universities of the Republic

of Tajikistan, and TUT was also included in the list of 10 best universities by ratings with total points more than 50%.

In 2016, the "Tajikistan" weekly, in agreement with the Ministry of Education and Science of the Republic of Tajikistan, held a competition "Top 10 of the best universities in Tajikistan." The aim of the competition "Top 10 best universities in the country" was to study public opinion, the role of universities in the development of education in the republic. The competition was held in 10 nominations among 26 universities. In the nomination "Avanguard" (implementation of advanced innovations and technologies), the Technological University of Tajikistan became the winner and entered the "Top 10 best universities in Tajikistan."

Analytical part

At a direct visit, members of the EEC confirmed the successful completion of the institution of national institutional accreditation by the State Education Supervision Service under the Ministry of Education and Science of the Republic of Tajikistan in 2019.

The Commission confirms that according to the results of the certification there is an action plan to eliminate the comments and deficiencies reflected in the conclusion of the certification commission of the State Service for Supervision of Education at the Ministry of Education and Science of the Republic of Tajikistan.

In addition, it was confirmed that TUT was also included in the list of the top 10 universities by ratings with overall points of more than 50% among the universities of the Republic of Tajikistan.

In 2016, in the nomination "Avangard" (the implementation of advanced innovations and technologies), the Technological University of Tajikistan entered the "Top 10 best universities in Tajikistan."

At the same time, the commission notes the need to undergo external quality assurance procedures.

Strengths for EP "1-49010202 - Technology of milk and dairy products":

-according to the results of the institutional accreditation procedure, TUT received a license for a period of 5 years in March 2019 from the State Education Supervision Service under the Ministry of Education and Science of the Republic of Tajikistan. The next national institutional accreditation is expected at the end of 2024.

EEC recommendations

-The educational program should periodically undergo external quality assurance procedures in accordance with ESG recommendations.

Conclusions of the EEC according to the standard: "Periodic procedures of external quality assurance" according to the evaluation table, the EEC marked "satisfactory"

(VII) OVERVIEW OF STRENGTHS OF EP “1-49010202 - Technology of milk and dairy products”:

Standard 1. Quality Assurance Policy

- availability of a published quality assurance policy;
- EP management ensures transparency in the development of the EP development plan based on an analysis of its functioning, the actual positioning of the university and its focus on meeting the needs of the state, employers, interested persons and students;
- EP management attracts representatives of stakeholder groups, including employers, teaching staff, to formulate an EP development plan;
- EP management demonstrates evidence of openness and accessibility for students, teaching staff, employers and other interested parties.

Standard 2. Development and approval of the program

- the complexity of the EP is clearly defined in ECTS.
- accredited EP ensures the employment of graduates in the food industry.
- disciplines of EP contribute to the formation of students' professional competence.

Standard 3. Student-centered learning and assessment

- the presence of a feedback system through the use of various teaching methods, including interactive;
- active interconnection of EP management with practice bases;
- regardless of the language of instruction, ensuring equal opportunities for students.

Standard 4. Admission, academic performance, recognition and certification of students

- access policies, processes and student acceptance criteria are implemented in a consistent and transparent manner;
- acquaintance with the organization of education and the educational program is provided for students;
- training requirements are transparent to all target groups.

Standard 5. Teaching staff

- university management provides favorable conditions for the work of its employees.
- the motivation of professional and personal development of teaching staff of the accredited EP was demonstrated, including the use of various promotion methods.
- conducting sociological surveys of teaching staff for their satisfaction with the management system.

Standard 6. Educational resources and student support system

- library resources were formed, including a fund of educational, methodological and scientific literature on general education, basic and majors in paper and electronic media, periodicals, access to scientific databases;
- an examination of graduation work is carried out on plagiarism;
- there is access to educational Internet resources;
- Wi-Fi is functioning in the territory of the educational organization;
- the university is committed to ensuring that the educational equipment and software used to master the educational program are similar to those used in the relevant industries.

Standard 7. Information Management

-the university provided a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrated evidence of eliminating the identified shortcomings.

Standard 8. Public awareness

-availability of information about vital functions, strategies and missions of TUT.

-the availability of leadership and its interest in developing feedback with the team and students, as well as with the public.

-the use of various methods of disseminating information, including the media, information networks to inform the general public of interested parties.

Standard 9. Continuous monitoring and periodic evaluation of programs

-the presence of developed forms for conducting a survey of students, faculty and interested parties.

-supporting documents on the participation of stakeholders, employers and production workers in the revision of EP are shown

-annual renewal of public relations taking into account the recommendations of employers and other interested parties.

Standard 10. Periodic external quality assurance procedures

-according to the results of the institutional accreditation procedure, TUT received a license for a period of 5 years in March 2019 from the State Education Supervision Service under the Ministry of Education and Science of the Republic of Tajikistan. The next national institutional accreditation is expected at the end of 2024.

(VIII) REVIEW OF RECOMMENDATIONS FOR IMPROVING QUALITY OF EP “1-49010202 - Technology of milk and dairy products”:

Standard 1. Quality Assurance Policy

Intensify the work of other institutions or stakeholders in the development and implementation of quality assurance policies.

To intensify the work of students in the formation of the development plan of EP.

To conduct training seminars with teachers and students in the design and development of educational programs oriented towards the successful functioning of the university's quality policy.

Standard 2. Development and approval of programs

Make changes to the names of professional disciplines so that they do not duplicate each other.

To intensify the participation of students in the development of EP.

Standard 3. Student-centered learning and assessment

Develop educational programs that take into account the individual characteristics of students;

To intensify work on conducting our own research in the field of teaching methods of academic disciplines in the context of EP;

To develop close cooperation with the TUT Association of graduates on issues of assessing EP and emerging competencies and employment;

Create comfortable conditions for students with disabilities for learning and extracurricular activities.

Standard 4. Admission, academic performance, recognition and certification of students

Consider preparing students for professional certification.

Standard 5. Teaching staff

Involvement in teaching leading specialists in relevant industries.

Attracting foreign and domestic teachers to the educational process, facilitating the participation of teachers, accredited by the EP of international academic mobility.

Standard 6. Educational resources and student support system

To intensify the work on the development, publication and acquisition of specialized literature for the accredited EP in the state, Russian and English languages.

In the distribution, planning and provision of educational resources, it is necessary to strengthen the degree of taking into account the needs of various groups of students (adults, workers, foreign students, as well as students with disabilities).

Standard 7. Information Management

To develop a mechanism for evaluating the effectiveness and efficiency of activities in the context of EP.

To develop and approve an internal document governing the updating of information on the site, its updating and distribution.

Standard 8. Public awareness

Ensure constant updating of the university website, including in the context of the EP.

Standard 9. Continuous monitoring and periodic evaluation of programs

To inform interested parties when introducing changes to the content of the EP, publish information on the university website.

Standard 10. Periodic external quality assurance procedures

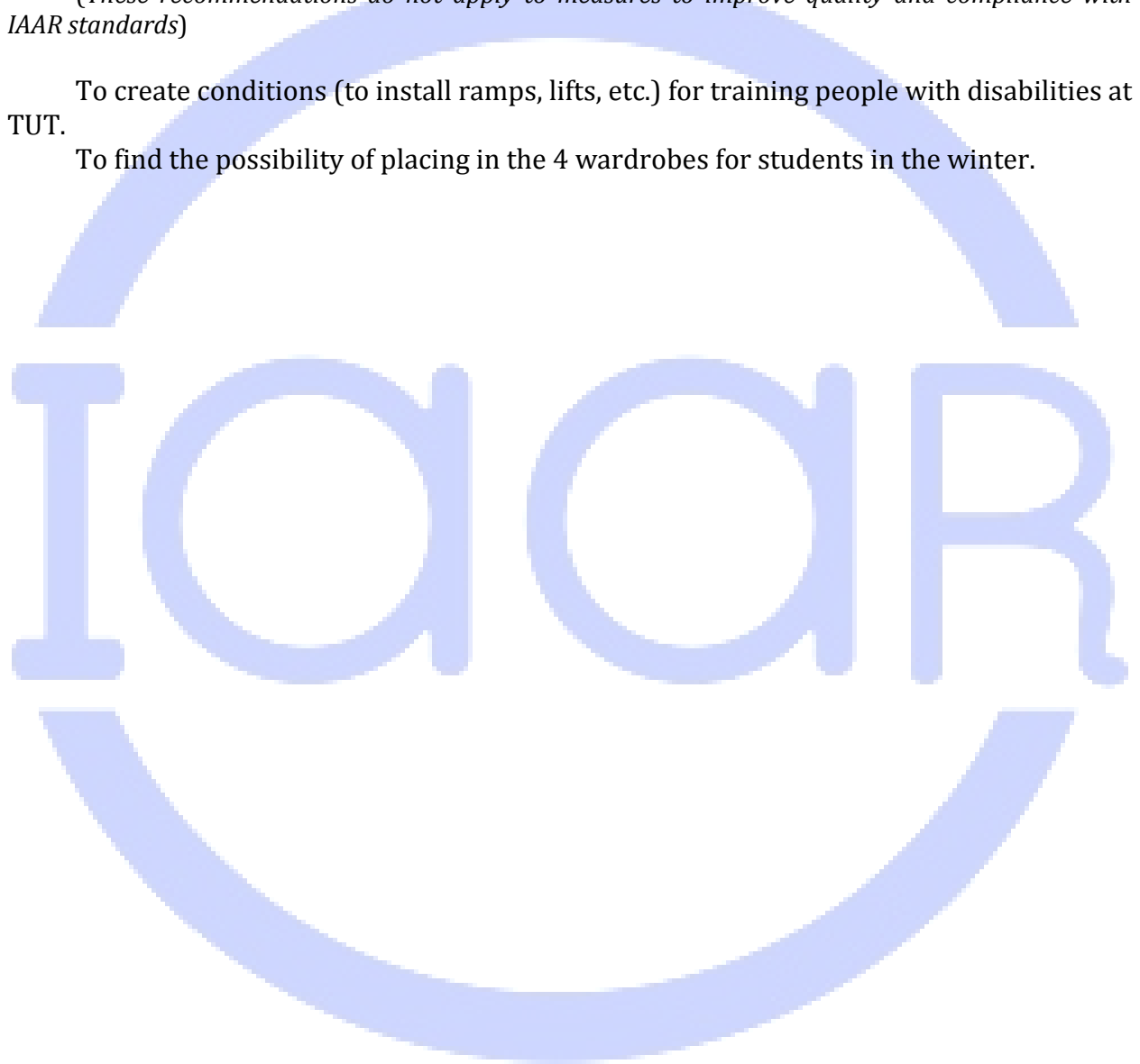
The educational program should periodically undergo external quality assurance procedures in accordance with ESG recommendations.

(IX) REVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF EDUCATION

(These recommendations do not apply to measures to improve quality and compliance with IAAR standards)

To create conditions (to install ramps, lifts, etc.) for training people with disabilities at TUT.

To find the possibility of placing in the 4 wardrobes for students in the winter.



Appendix 1. Evaluation table “Conclusion of the external expert commission” (EP “1-49 01 02 02 - Technology of milk and dairy products”)

| # | International Standards of IAAR ESG Part 1. | Education Organization Position | | | |
|--|--|---------------------------------|--------------|----------------------|----------------|
| | | Strong | Satisfactory | Suggests improvement | Unsatisfactory |
| Standard 1. QUALITY ASSURANCE POLICY | | | | | |
| 1 | The educational organization should have a published quality assurance policy, which is part of its strategic management. Internal stakeholders should develop and implement this policy through appropriate structures and processes involving external stakeholders. | | + | | |
| Standard 2. DEVELOPMENT AND APPROVAL OF THE PROGRAM | | | | | |
| 2 | The educational organization should have mechanisms for the development and approval of its programs. Programs should be designed in accordance with established goals, including intended learning outcomes. The qualifications obtained as a result of mastering the program should be clearly defined, as well as explained and should correspond to a certain level of the national qualifications framework in higher education and, therefore, the qualifications framework in the European Higher Education Area. | | + | | |
| Standard 3. STUDENT-CENTERED TRAINING AND EVALUATION OF EXCELLENCE | | | | | |
| 3 | The organization of education should ensure the implementation of the program in such a way as to encourage students to take an active role in the joint construction of the educational process, and so that students' assessments reflect this approach. | | + | | |
| Standard 4. ADMISSION, ACHIEVEMENT, RECOGNITION AND CERTIFICATION OF STUDENTS | | | | | |
| 4 | The organization of education should have predefined, published and consistently applied rules governing all periods of the student's “life cycle”, ie reception, performance, recognition and certification. | | + | | |
| Standard 5. TEACHING COMPOSITION | | | | | |
| 5 | The organization of education should have objective and transparent processes for the recruitment and professional growth and development of all staff that allow them to ensure the competence of their teachers. | | + | | |
| Standard 6. EDUCATIONAL RESOURCES AND STUDENTS SUPPORT SYSTEM | | | | | |

| | | | | | |
|---|---|----------|----------|----------|----------|
| 6 | The organization of education should ensure that sufficient, accessible, and relevant educational resources and student support services are available. | | + | | |
| Standard 7. INFORMATION MANAGEMENT | | | | | |
| 7 | The educational organization must ensure that it collects, analyzes and uses relevant information to effectively manage its activities and its educational programs. | | + | | |
| Standard 8. PUBLIC INFORMATION | | | | | |
| 8 | The educational organization should inform the public about its activities (including programs). The information provided should be clear, reliable, objective, relevant and accessible. | | + | | |
| Standard 9. PERMANENT MONITORING AND PERIODIC EVALUATION OF PROGRAMS | | | | | |
| 9 | The education organization should monitor and periodically evaluate programs to ensure that they achieve their goals and meet the needs of students and society. The results of these processes should lead to continuous improvement of programs. All interested parties should be informed of any planned or undertaken actions regarding the programs. | | | + | |
| Standard 10. PERIODIC EXTERNAL QUALITY ASSURANCE PROCEDURES | | | | | |
| 10 | The educational organization must undergo external quality assurance procedures in accordance with European Standards and Recommendations (ESG) on a regular basis. | | + | | |
| Total | | 0 | 9 | 1 | 0 |