



KURUM İÇ DEĞERLENDİRME RAPORU 2021



SUMMARY

The purpose of this report is to identify the strengths and weaknesses of Firat University under the titles of Leadership, Management and Quality, Education and Training, Research and Development, Social Contribution, together with evidence. The report first provides information about the institution, specifies the goals and objectives, and provides information about the faculties and units within the university.

During the preparation process of Firat University KİDR-2021, information meetings were held with the participation of academic and administrative staff by the Quality Coordination Office under the presidency of the relevant Vice Rector on how to fill in the information. First of all, through the Unit Internal Evaluation Report (BİDR) system, Quality Ambassadors in all faculties, institutes, colleges, vocational schools and centers within the University were organized to upload the evidence in the relevant system. Each unit shared the tasks within itself and established a connection with the Quality Coordination Office and worked in cooperation in uploading the evidence to the system. A successful and trouble-free process was achieved thanks to the connections between the BİDR system carried out in the institution and the titles in the YÖKAK system. The subheadings of each system were filled in with their evidence by academicians who had relevant knowledge.

The findings from the institution's self-assessment studies have identified strengths and areas open to improvement. In terms of Leadership, Management and Quality; As of the end of 2021, Firat University has become a "Research University", new strategic plan studies have begun, processes related to ISO 9001:2015 have been completed and field visits have been carried out by TSE, the "Safe Campus" certificate given by TSE has been continued, accreditation studies have continued in various units (5 programs in the Faculty of Engineering, 4 programs in the Faculty of Education, Faculty of Medicine and Faculty of Veterinary Medicine), and a letter of intent has been submitted for application to YÖKAK KAP . The necessary programs have started to be prepared by the Digital Transformation Office.

In terms of Education and Training; Education and training activities have continued without interruption during the pandemic period with its strong academic staff and sufficient infrastructure. Studies on education and training processes have been regularly followed up in the relevant boards/commissions, especially the education commission, and the necessary measures have been taken quickly. During the pandemic process, foreign students have been closely taken care of, and a coordination office has been established for foreign students. The accreditation of various units has been continued, and new units have been accredited. The Southeast Career Fair was organized with broad participation by the Career Planning Application and Research Center. Studies have begun on the establishment of the student dean's office.

In terms of Research and Development; Firat University has been selected as a "Research University" by the Council of Higher Education as of the end of 2021. According to the 2021 URAP ranking, Firat University ranked 1147th in the world and 15th in our country. According to the INCITES database, it ranked 2nd in Turkey in the field of Computer and Software, 1st in Turkey in the field of Thermodynamics, 2nd in Turkey in the field of Mathematics, and 1st in Turkey in the field of Physics. According to the Shanghai ranking, it ranked 1st in Turkey in the field of Veterinary Medicine, 1st in Turkey in Energy Science and Engineering and Mechanical Engineering. In 2021, it was among the top 50 universities in the Entrepreneurial and Innovative University Index. In 2021, 2 high-budget projects were supported by TÜBİTAK and 21 Firat Development Agencies. In ISIF-2021, our university's patents won 1 gold, 3 silver and 1 bronze medals. For the first time in the history of Firat University, a patent has been commercialized. In 2021, our academics won 1 TÜBİTAK and 1 TÜBA outstanding achievement award. Our students achieved significant success in TEKNOFEST in 2021. Research projects continued to be supported by BAP, and subscriptions to databases were continued by the Library Department. Successful academics and students continued to be rewarded.

In terms of social contribution; Firat University Hospital continued to provide health services not only to Elazığ but also to the region. Despite the pandemic conditions, large-scale maintenance and repair work was carried out to increase the quality of the service provided and patient satisfaction. Physical measures suitable for pandemic conditions were taken at the Dental Hospital and patients continued to

be served. Service continued at the Animal Hospital. The number of personnel was increased and the continuity of the service provided regarding animal health was ensured. Trainings given to farmers continued at TAHAM , and various certified trainings were carried out through FÜSEM. Contribution was made to the protection of the environment by ensuring the reproduction of endemic plants in a laboratory environment at the Plant Tissue Culture Laboratory. Various consultancy services required by companies were provided through Fırat Teknokent , and various social responsibility projects were carried out by student groups.

1. Information About the Institution

1.1. Contact Information

Rector

Prof. Dr. Fahrettin GOKTAS

The manager to whom the Quality Coordination Office is affiliated and the President of the Quality Commission:

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1.2. Historical Development

Having a deep-rooted history, Fırat University started its educational activities in 1967 in Elazığ, a city with a rich cultural life. In the following years, it has become a higher education institution that has made significant contributions to the development of higher education in its region by opening higher education institutions in the districts of Elazığ, Bingöl, Muş and Tunceli provinces and Kemaliye district of Erzincan, and by training personnel for universities through its postgraduate activities.

The first technical school in Elazığ was opened in 1967, and in the same year, the decision of the Ankara University Senate to establish the Faculty of Veterinary Medicine in Elazığ was approved by the Ministry of National Education. The Technical School was transformed into the Elazığ State Engineering and Architecture Academy (EDMMA) in 1969 with the law numbered 1184, and the Faculty of Veterinary Medicine started education in 1970 under Ankara University.

In order to gather all higher education institutions in Elazığ under a single roof, “Fırat University” was established on April 11, 1975 and started its activities within the framework of a structure consisting of the Faculties of Veterinary Medicine, Science and Letters. In Fırat University, which was restructured with the Higher Education Law No. 2547 and the Statutory Decree No. 41, the Faculties of Science and Letters were merged and renamed the Faculty of Science and Letters, while EDMMA was transformed into the Faculty of Engineering and incorporated into the university in 1982. Starting from this year, many faculties, institutes, colleges and vocational schools have been opened in the city center of Elazığ and in neighboring provinces (Bingöl, Muş, Tunceli) and districts (Muş-Malazgirt, Erzincan-Kemaliye) affiliated with Fırat University, which has been striving to become a regional university. As of 2018, Fırat University has; It has 16 faculties, 2 colleges, a state conservatory, 9 vocational schools, 4 institutes, 24 research centers, a university hospital, a dentistry hospital, and an animal hospital. In these units; 9523 associate degree, 30803 undergraduate, 5339 postgraduate, a total of 45665 students and 1862 academic staff, 1511 administrative staff continue education-training and R&D activities.

1.3. Mission

Fırat University has undertaken the duty of educating individuals who are qualified in the field of education and research, prioritize scientific and ethical values, continuously improve themselves in their professional fields, take into account the expectations of their stakeholders, and have a sense of social responsibility, and to contribute to the development of our country by producing science, art and technology at national and international levels.

1.4. Vision

To be a respected research university that pioneers change and development in the fields of education, research, technology and community service, and produces competitive and result-oriented national and international projects.

1.5. Core Values

Quality: Our university attaches importance to quality, internalization and continuity of quality in its education, research and administrative activities.

Transparency: Transparency and accountability in management activities, as well as maintaining a sense of trust between individuals and units, are essential.

Commitment to Ethical Values: One of our core values is to fulfill our duties in line with our mission and goals, in accordance with ethical rules, fairly, honestly, respectfully and on time.

Participation: In order to achieve quality and successful management, ensuring the participation of internal and external stakeholders in the execution of work is one of our basic principles.

Student Focus: Our core values include working to continuously increase student satisfaction, involving students in decision-making processes, conducting education in a student-centered manner, and ensuring continuous improvement through feedback from students.

Social Responsibility Awareness: Fulfilling our responsibilities regarding priority issues related to our province, region and country is one of the fundamental values of our University.

Environmental Awareness: Utilizing renewable energy sources, protecting natural beauties and spreading recycling awareness and practices within our University are among the fundamental values of our University.

Productivity: Our fundamental principles are to successfully and effectively carry out our basic duties, to carry out/take part in activities that will benefit society and our stakeholders, and to ensure the continuity and increase of the added value provided by our University.

1.6. Looking to the Future

As Firat University, our primary goal is to carry our university to the top ranks among universities in our country and the world, with the awareness of a university with a strong institutional structure and international recognition, within the framework of a management approach that cares about the expectations of its stakeholders and aims to serve the society with the knowledge, technology and social responsibility projects it produces.

Our university, with its ever-changing and growing structure, provides quality education to our youth, who are the guarantors of the future, and prepares them for the future. It also makes efforts to meet the social, cultural and sportive needs of its students and staff by using its resources in the best and most efficient way. The main components of achieving this goal are; training qualified individuals who are entrepreneurial, innovative, socially responsible, care about environmental values and have high self-confidence, and bringing competent personnel in the field of science and technology to our university.

The 2019-2023 Strategic Plan is a roadmap prepared by taking into account our principles and values on the way to achieving Firat University's mission and vision. The new goals that emerged as a result of our university's experiences and accumulation and the work to be done in the coming periods are clearly set forth in the plan.

1.7. Organizational Structure

A university is a higher education institution consisting of faculties, institutes, colleges and similar institutions and units that provide high-level education, scientific research, publication and consultancy with scientific autonomy and public legal personality. The academic and administrative organizational structure of universities is determined by the Higher Education Law No. 2547 and the Regulation on Academic Organization in Universities, and the administrative units by the Decree Law on Higher Education Supreme Organizations and the Administrative Organization of Higher Education Institutions. The organization of our university is also structured within the framework of this legislation. The current capacity of our university has been developed by conducting analyses regarding

the competence level of human resources, institutional culture, technology and information infrastructure, and physical and financial resources.

1.7.1.Academic Organization

The academic bodies of the university are the Rector, Senate and University Administrative Board. The Rector is appointed by the President from among those who have the academic title of professor. The Senate consists of vice rectors, deans, one faculty member from each faculty elected by the faculty boards for a period of three years, and the directors of institutes, colleges and vocational schools affiliated to the Rectorate. The University Administrative Board consists of the deans, chaired by the Rector, and three professors elected by the Senate to represent different educational units and fields affiliated to the university for a period of four years.

1.7.2.Administrative Organization

The administrative organization of the university consists of the General Secretariat, Internal Audit Unit, Department of Information Technology, Department of Administrative and Financial Affairs, Department of Library and Documentation, Department of Student Affairs, Department of Personnel, Department of Health, Culture and Sports, Department of Strategy Development, Department of Construction and Technical Affairs, Legal Counsel and Revolving Fund Operations Directorate. The administrative units of universities are subordinate to the General Secretariat. The General Secretary is responsible to the Rector for the work of the university administrative organization.

A. LEADERSHIP, MANAGEMENT AND QUALITY

A.1. Leadership and Quality

A.1.1. Management Model and Administrative Structure

Management model and administrative structure in our university (legal regulations) institutional approach , traditions, preferences); decision-making mechanisms, elements of checks and balances; the multi-faceted nature of the boards voice and independence of action, representation of stakeholders ; management model Comparison , institutionality and continuity of the model established and adopted . The board of trustees in foundation higher education institutions , vice rectors and advisors (upper management) working style, authorities and responsibilities, communication with the academic community of the institution ; The harmony of the management style with the targeted corporate identity has been established and adopted . The organization chart and reporting/ subordination relations ; job descriptions, work flow processes exist and reflect reality ; in addition , these have been published and the functioning by stakeholders awareness has been provided .

Firat University consists of the Rector, 3 Vice Rectors, 1 Secretary General, Senators, University Administrative Board and commissions, academic units affiliated to Vice Rectors and administrative units affiliated to the General Secretariat. At Firat University, structures such as the Senate, University Administrative Board, Quality Commission, Education Commission were established as decision-making mechanisms and a system in accordance with the standards was established for free decision-making and process management. In order to ensure pluralism in the decision-making mechanisms established, internal and external stakeholders were assigned and active tasks were given to increase their traces on the system. Main Processes were left to the management of Vice Rectors (*FU Organization Chart, FU Senator List, FU Administrative Board List, Commissions List and Members*). At Firat University, the management model is based on the Turkish Standards Institute's TSE 9001:2015 Quality Management System, and the main process is based on the Higher Education Quality Council's (YÖKAK) Evaluation Topics;

- A. Leadership, Management and Quality,
- B. Education – Training,
- C. R&D,

D. Social Contribution

titles have adopted a management model that prioritizes studies aimed at turning the PUKÖ cycle into a culture. Firat University is a university managed with strategic processes in accordance with the Strategic Plan (2019-2023 Strategic Plan). As Legislation Analysis, it has focused on the Higher Education Law No. 2547, the Civil Servants Law No. 657 in the center of Administrative Management and the 11th Development Plan in strategic processes. Firat University has created **the Quality Handbook in accordance with the management model it has adopted** and made it available to all its stakeholders (*FÜ Quality Handbook*). *The institution has created the necessary processes, procedures, workflows, duties, authorities and responsibilities, sensitive tasks and organizational charts in accordance with the management model and declared 2020 as the "Year of Awareness" in order to turn it into a culture (<http://kalite.koord.firat.edu.tr/tr/page/8677>)*. The first results of this study are observed in the positive differences observed in 2021.

Since the management model adopted by Firat University is created with the TSE 9001:2015 Quality Management System, the management model is monitored and continuously improved through the necessary mechanisms (*A. Senate Decisions, B. Board of Directors Decisions, C. Education Commission Decisions*). Reports are prepared by obtaining the completion rates of application and performance indicators from the units every 6 months for the implementation of the Strategic Plan (*D. Strategic Plan Reports*).

A.1.2. Leadership

The on-site management approach of Firat University has minimized the complexity with the delegation of authority of the Rector. Task distributions have been made according to the Main Processes. The fact that Academic Unit managers are also members of the senate also prevents possible confusion and uncertainties. Quality studies at Firat University are directly connected to the Vice Rector with the coordination. Firat University Quality Coordination Office (FÜKAK) carries out various applications for the spread of quality culture (*Policies Animation Video*). The prevalence levels of quality culture are monitored with the periodic Internal Audits conducted within the scope of TSE 9001:2015 processes.

A.1.3. Institutional Transformation Capacity

With its nearly 50-year history, Firat University has constantly kept pace with regional, national and international changes and trends. Due to the conjuncture it is in, it has provided the academic infrastructure and human resources of almost all universities in the region. Firat University strategically addresses the 11th Development Plan within the scope of Legislation Analysis (Strategic Plan Legislation Analysis). The institution has increased the interaction by signing protocols on common ground in line with the Strategic Plan for its internal and external stakeholder studies (*Elazığ Municipality Protocol, Forestry Regional Directorate Protocol, Elazığ Governorship, Arçelik Protocol*). Firat University provides consultancy services for the strategic work of the stakeholders in the region.

Firat University is a member of the United Nations Development Program. Our university, which manages the Sustainable Development Goals with strategic processes, publishes an annual Sustainability Report. In addition, Green In the Metric ranking, it is ranked 13th in Turkey and 244th in the world. Trying to make Institutional Transformation a culture, Firat University strives to keep a constant change dynamic alive by taking place in national and international rankings (*GrrenMetric Certificate, Teknofest Degrees*).

In the previous KİDR reports, the strategic vision of becoming a Research University was realized in 2021. The effort and change to become a research university is an indication that the Institutional Transformation Effort is Dynamic (*Firat University Research University News*).

A.1.4. Internal Quality and Assurance Mechanisms

Firat University carries out an internal quality assurance system based on PUKÖ cycles. The Internal Quality Assurance System uses a model that is unique to itself and is called the Firat Model. Firat University requests each unit to prepare an UNIT Internal Evaluation Report (BIDR) within the context of the main processes carried out in the units within 1 calendar year: A. Leadership, Management and Quality, B. Education - Training, C. R & D, D. Social Contribution. In the system carried out by the Quality Coordination Office, a 5-point rubric evaluation model is used for the units with 14 criteria and 46 sub- criteria . This system is carried out thanks to the Quality Ambassadors established in all Units (*Quality Ambassadors List*). Thanks to the forms prepared for the 2021 evaluations, it is expected that the works and transactions carried out in all units will enter their maturity levels in the context of the 4 main processes mentioned above and upload their evidence files (*BIDR Training Announcement*). For the BIDRs prepared by the units, a Unit Feedback Report will be published for each unit by the Quality Coordination Office. Current versions of the Quality Assurance System documents are available at <http://kalite.koord.firat.edu.tr/tr/page/8677>.

A.1.5. Public information and accountability

Informing the public has been adopted as a principle , which channels will be used and how It is designed , declared as accessible and all information steps are taken systematically. The institution's web page provides accurate , up-to-date , relevant and easily accessible information; ensuring this There is a mechanism for institutional autonomy and accountability concepts complement each other. There are findings regarding internal and external accountability methods . It is designed and implemented. It is systematic, within the framework of the announced calendar. is carried out , the responsible parties are clear. The effectiveness is measured with the feedback received. is being evaluated in the institution's region . external stakeholders , related local governments , other relations with universities , public institutions , non-governmental organizations , industry and local people The 6-Month Strategic Plan Reports, BİDR Reports, Senate Decisions, Board of Directors Decisions, meetings with stakeholders, and protocols prepared by Firat University are published on the www.firat.edu.tr website.

A.2. Mission and Strategic Objectives

A.2.1. Mission, vision and policies

Mission and vision statements are defined , known and shared by the employees of the institution . It is specific to the institution , and guides to create a sustainable future . (<http://www.firat.edu.tr/tr/page/menu/msyon-ve-vizyon-4053>).

quality assurance policy and this policy is shared with stakeholders It has been prepared by taking into account the opinions of the employees of the institution. The policy is known and shared by the employees of the institution . The policy document is simple, concrete and realistic . It describes the sustainable quality assurance system in general terms. The management its shape , structure, basic mechanisms, central structure and access to units In addition, the dissemination of the mission, vision and policy document to the base is regularly shared with animations (<https://youtu.be/mm3jETcX8AU>). Likewise It has policies on education and training (including distance education), research and development , social contribution, management system and internationalization and has the features listed for the quality assurance policy . These policy statements have concrete results and effects reflected in practices; examples can be presented (<http://kalite.koord.firat.edu.tr/tr/page/8675>) .

A.2.2. Strategic goals and objectives

culture and tradition at Firat University , covering the current period , there are short/medium and long term goals , targets, sub-goals, actions and their timing, prioritization , responsible people, financial resources, all stakeholders It was prepared by taking the opinions of the stakeholders (especially strategic stakeholders) . While preparing the current strategic plan, the previous one was evaluated in detail . has been done and used ; annual realization is followed and discussed in relevant boards and necessary measures are taken. (*2019 – 2023 Strategic Plan*).

A.2.3. Performance Management

Institutional Performance Management in Our University is carried out with a unique method . Our University In light of the data it provided to various platforms , it published the Corporate Performance Guide . The prepared Corporate Performance Guide was announced in the meetings held in the Units and practical training was provided to the Quality Ambassadors . Performance Guide is available at <http://kalite.koord.firat.edu.tr/tr/document/0835> to stakeholders open in this way presented . Also available on Google Classroom The units were enabled to prepare “BİDR” using the product and the peer evaluation model was adopted by preparing “BGBR” in response to the units . In addition, the Department of Information Technology “ BİDB ”, the Department of Strategy Development “SGDB” and the Department of Personnel “ PDB” were jointly work For <https://staff.firat.edu.tr/> portal has established . Personnel and unit performance evaluations are included in the relevant application. In addition to the Strategic Plan performance indicators , our University's Institutional Evaluation Report " KİDR" indicators , domestic and international rankings ("URAP", "QS", "THE", "ARWU", "CWUR", "NTU", "US News -Best Global Universities ", " Entrepreneurial Innovator The data in question is created by “SGDB” and entered into the relevant platforms . Thus , our University’s Quality and Strategic Planning processes can be carried out by coordinating our units from a single center . Performance indicators are monitored in 6-month periods and in 1-year periods Annual and 5-year Plan-Do-Check -Act “PUKÖ” cycles are included in the Quality Performance Guide .

A.3. Management Systems

A.3.1. Information management system

At Firat University, data on important activities and processes are collected, reported and used for strategic management. At Firat University, Electronic Document Management System (EBYS) , Student Affairs Automation Information System (OBS) , Personnel Information System (ABS) , Distance Education Portal There are information management systems such as (UE) , Infrastructure Projects Management Portal (BAP) , etc. The Information Management System used by academic and administrative units is integrated and feeds quality management processes.

A.3.2. Human resources management

The rules and processes regarding human resources management are strictly defined since they are governed by laws. These processes, which are carried out transparently in Human Resources, are known by all stakeholders in the institution. Appointment criteria for academicians have been determined and published (Appointment Criteria). The appointment of academicians other than academicians is managed transparently in accordance with the regulation. All processes (Announcement, Preliminary evaluation results and Results are published). The appointment of administrative personnel is managed transparently according to the results of the Public Personnel Exam and the position announcement. Education and merit are the primary criteria at Firat University, and increasing competencies is the main goal. A total of over 1800 hours of in-service training programs have been prepared annually between 2021 and 2024. In-service training could not be carried out effectively due to the ongoing pandemic in 2021 .

employee (academic-administrative) satisfaction, complaints and suggestions are implemented. Monitoring and Improvement studies cannot be fully carried out.

A.3.3. Financial management

At Firat University, basic income and expense items have been defined by the Strategy Development Department and are monitored over the years through Strategic Plan Reports.

Total Current Budget (income) = State education contribution + student income + research income + national competitive research support + international research support + social contribution income (Hospitals, FUSEM, FUZEM, TÖMER, TAHAM etc.) faculties and centers service income + laboratory/experiment/measurement etc. income + donations (non-state, conditionally or unconditionally transferred to the university) are monitored in detail and associated with the institution profile.

A.3.4. Process management

Firat University Higher Education Services has TSE ISO 9001: 2015 Quality Management System. As required by the Quality Management system, all quality documents are published on the Firat University Quality Coordination web page (FUKAK Documents) . All processes and sub-processes, duties, authorities and responsibilities of all activities are defined. Responsible persons in the processes, workflow, management, ownership are written and internalization studies are ongoing by the institution. TSE ISO 9001: 2015 Quality Management System Certificate can be shown as evidence of the success of process management. Continuous process improvement cycle has been established. However, the first PUKÖ cycle has not been completed.

A.4. Stakeholder Participation

A.4.1. Internal and external stakeholder participation

Our University with internal and external stakeholders only during the planning phase not all In all processes ; planning, implementation, control and precaution taking steps come together. Our internal and external stakeholders naturally take part in the commissions within the Quality Assurance System. They are members and take an active role in working groups. In this way, our university's quality studies and processes all stages They are enabled to be dominant and express their opinions .

Internal Stakeholders

Our institution's relations with its stakeholders It keeps the internal stakeholders constantly alive. Especially in the decisions to be made within the institution, to your opinions importance . Improvement is made thanks to the feedback received. Our university's " Open Door" application is working on all It is aimed for our stakeholders to have a say at all times . The Open Door application can be accessed at <https://forms.gle/3kvkc5TySSEWQsXP7> . With the “QR Code” application implemented in our units, not only at certain times We receive feedback from our stakeholders at all times .

Our University inside Our stakeholders can take part in various decisions with the “ You Have a Say Platform”, which was originally established to increase the footprint of our stakeholders .

External stakeholders :

naturally belongs to the Quality Commission. has two external stakeholder representatives as members . In all quality studies carried out Our stakeholders directly the process It is located in . Our University important public institutions and private institutions located in its geographical location sector their organizations, headquarters and directorates It signs protocols and makes important collaborations through . It signs protocols with our stakeholders according to their areas of expertise and implements effective and large projects . In this context, it has made a national impact with its collaborations . Forest Region The details of the protocol made with the Directorate can be accessed at <https://www.haberturk.com/elazig-haberleri/84898627-fu-ile-orman-bolge-mudurlugu-arasinda-iki-protokol-imzalandi> . In addition, rocket engine production was carried out at the Innovation Center established with the cooperation of our external stakeholders . to develop projects for has started .

Our university's main processes are Education-Training ; "R&D and Social Contribution" in many areas. to work Decisions are made with the contributions of our internal and external stakeholders . “FÜSEM”, “FUZEM”, “TAHAM”, “Barrier-Free Firat Unit” and “TÖMER” are among the Our 25 affiliated application and research centers and three hospitals contribute to the social contribution activities of our University. It goes beyond the borders of our region and contributes on a national scale .

Stakeholder Name	Internal Stakeholder / External Stakeholder	Importance Level	Degree of Impact	Priority
Academic Staff	ROPE	Y	G	BC

Administrative Staff	ROPE	Y	G	BC
Students	DP	Y	G	BC
Potential Student Resources	DP	Y	G	BC
Graduates	DP	Y	G	BC
Student Families	DP	Y	G	BC
Retired Personnel	DP	D	Z	WATCH
Firat University Hospital	ROPE	Y	G	BC
Patients and Relatives	DP	D	Z	Watch
Firat Technopolis	DP	Y	G	BC
Firat Technopolis Companies	IP/DP	Y	G	BC
Firat Technology Transfer Office	DP	Y	G	BC
Ministry of Education	DP	Y	Z	WATCH
Ministry of Youth and Sports	DP	Y	G	BC
Ministries	DP	Y	G	BC
Education Accreditation Bodies	DP	Y	G	BC
Elazig Chamber of Commerce and Industry President	DP	Y	G	BC
Organized Industrial Zones in the Region	DP	Y	G	BC
Science Technology and Innovation Policies Board	DP	Y	G	BC
Presidency Strategy and Budget Directorate	DP	Y	G	BC
Other Universities	DP	Y	G	BC
Elazig Governorship	DP	Y	G	BC
Elazig Municipality	DP	Y	G	BC
Elazig Local Governments	DP	Y	G	BC
Elazig Silk Road Youth Center	DP	Y	G	BC
Firat Development Agency	DP	Y	G	BC
ISGEM	DP	Y	G	BC
ISKUR	DP	Y	G	BC
Press Organizations	DP	Y	G	BC
Employers and Companies	DP	Y	G	WG
Public Procurement Authority	DP	Y	G	BC
KOSGEB	DP	Y	G	BC
General Directorate of Credit and Dormitories	DP	Y	G	BC
Professional Chambers	DP	Y	G	BC
OSYM	DP	D	Z	WATCH
Private Healthcare Institutions	DP	D	Z	WG
Presidency of Court of Accounts	DP	D	Z	WATCH
Civil Society Organizations	DP	Y	G	BC
Suppliers	DP	Y	Z	WG
TUBITAK	DP	Y	G	BC
Turkish Patent and Trademark Office	DP	Y	G	WG
Turkish National Agency	DP	Y	G	BC
Presidency of the Turks Abroad and Relatives Association	DP	Y	G	BC
UAK	DP	Y	G	BC
NO	DP	Y	G	BC
YOKAK	DP	Y	G	BC

A.4.2. Student Feedback

The most important feedback process regarding educational programs is course evaluation surveys. Course Evaluation Surveys are applied at the end of each academic term . After the necessary checks, the evaluations are made by the relevant unit managers and teaching staff. It is presented to the members for their review. In addition, students' lessons and teaching The comments they wrote about the member of the teaching The feedback from the surveys is seen by the members of the faculty who teach the course. member , department The feedback from the surveys is reviewed by the faculty member who teaches the course in order to make the necessary improvements . member , department The opinions expressed by the students are reviewed by the head of the faculty and the relevant dean's office. If there are any improvements that can be made within the scope of the course, teaching is made by the member .

In the Execution of Programs Students Taking Active Roles: Course Evaluation Surveys

Students The most important feedback process regarding the curriculum is done through course evaluation surveys . Course Evaluation Surveys are applied at the end of each academic term . The average score from both sections of the surveys and the teaching member of department / faculty / university The ranking of students worldwide is calculated and reported in survey evaluations . In addition, students' course and teaching The comments they wrote about the member of the teaching The feedback from the surveys is seen by the members of the faculty who teach the course. member , department It is being examined by the president and the relevant dean's office in order to make the necessary improvements . The scope of the survey is also evaluated by the Rectorate . work has been initiated . Students , teaching staff by a group of experts Improvement by benefiting from feedback from members and units recommendations are made.

A.4.3. Alumni Relations Management

We communicate with our graduates through various methods. First, we collect the necessary information from all graduates and in line with the data obtained. In order to take precautions, Firat University Career Planning Application and Research Center was established . In the surveys applied to the graduate students, current e-mail address and phone number are taken. Then, through this contact information , graduates are asked to enter their information into the Alumni Information System. People who log in and register to the system can benefit from many can benefit from this opportunity . In addition, requests sent to the university regarding job postings and internship opportunities are shared with graduates to help them evaluate their career opportunities and contribute to their employment. Within the scope of career planning career days , our students and the sector important company representatives are brought together. (<http://kariyer.firat.edu.tr>)

There is also a "Graduate Information System" in the field of activities for graduates (<https://obs.firat.edu.tr/oibs/kariyer/>). Thanks to this system, all our graduates can benefit from various announcements were made through communication channels, and they were allowed to register to this system and enter detailed information about their fields of study into the system. Firat University graduates were able to work with the units they graduated from and the University Top With its management communications continue.

A.5. Internationalization

Internationalization processes The management and organizational structure are institutionalized . It is compatible with the institution's internationalization policy. The functioning and effectiveness of the management and organizational structure are examined. The resources allocated to internationalization (financial, physical, human power) are determined , shared , institutionalized , and these resources are monitored and evaluated in terms of quantity and quality . Internationalization performance is monitored. Monitoring mechanisms and processes It is established , sustainable , and there is evidence of improvement steps.

In the 2019-2023 Strategic Plan of Firat University, 4 targets are emphasized under the 1st goal. In line with the Quality Policy Document and vision of our institution. has planned and implemented

sustainable systems in all main processes regarding internationalization . In this context Internationalization studies of central administration It is planned and carried out in the Foreign Relations Unit with the understanding of . Our Foreign Relations Unit 's web page is <http://dib.firat.edu.tr/> It can be reached from the address . Our Foreign Relations Unit has its own mission and vision, adhering to the Strategic Plan, policies, mission and vision of our Institution . The mission and vision of the Foreign Relations Unit can be reached from the address <http://dib.firat.edu.tr/tr/node/183> . At the same time , all quality processes are clearly stated in the documents tab at kalite.koord.firat.edu.tr, the duties, authorities and responsibilities of the actors in internationalization .

In our institution, internationalization is not only limited to students It is not planned as a mobility . Change It accepts foreign students with "FÜYÖS" organized and coordinated in countries . In addition, there are joint collaborations , projects and protocols and practices on internationalization with various institutions and organizations .

Performance management regarding internationalization is evaluated within the framework of the strategic plan and performance evaluation is carried out with 6-month and annual reports.

B. EDUCATION AND TRAINING

B.1. Program Design, Evaluation and Update

B.1.1. Design and approval of programs

The processes followed in program design and approval at Firat University are basically similar in all units and the applications are carried out within the framework of the Higher Education Law No. 2547 and other regulations and directives related to this law. In this context, the design of the curriculum in all programs is based on the purpose and learning outcomes of the program and program approvals are made in accordance with the relevant regulations. Programs designed by program managers with stakeholder participation are discussed in the University Education Commission after being approved on a unit basis, and in case of approval within the framework of the FU Education Commission Directive , they are included in the agenda of the University Senate and placed in the program/course catalog of the relevant unit by the decision of the Senate. Monitoring of program outcomes is carried out on a unit basis in the relevant superior boards (faculty / college boards, institute boards , etc.) to which the unit is related.

Within the framework of the Educational Planning Commission studies at our university, common outcomes of undergraduate programs are determined in accordance with the "Bologna" process. While determining program objectives and outcomes, the following steps are followed to ensure the program's "TYYÇ" compliance;

1. Bologna undergraduate qualifications; “YÖK” Türkiye Higher Education Qualifications Framework “TYYÇ” undergraduate education qualifications are examined in detail.
2. All examinations are reviewed by the department board or the department board to determine whether they comply with the program objectives, outcomes and “TYYÇ”.
3. Making mutual definitions of the decided knowledge and skills in the course content in English and Turkish.
4. Creation of draft document with common outputs
5. Obtaining opinions from faculty members and students
6. These opinions are reviewed by the relevant commission and suggestions and deficiencies are evaluated and forwarded to the department or program head.

The developments and their consequences due to the Covid-19 pandemic have affected the normal processes in the field of education. If deemed appropriate by the Senate at our university, some of the formal courses in the first and second education programs can be given via distance education upon the proposal of the relevant departments. In the structuring of learning outcomes and necessary education processes in distance/blended education processes, which program/programs will be carried out via distance processes were evaluated in the department board decisions and in line with the Firat University Senate Decisions for the 2020-2021 academic year, it was decided to use distance education in many programs and the hybrid method in applied fields (**Senate Decision 13.6.**)

Evidence

- B.1.1.1. FU Education Commission
- B.1.1.2. FU Education Commission Directive
- B.1.1.3. Senate Decision 13.6
- B.1.1.4. Criteria for Opening a Master's Program
- B.1.1.5. Doctoral Program Opening Criteria
- B.1.1.6. YÖK's Article on Opening Departments and Programs

B.1.2. Balance of course distribution of the program

At Firat University, the structure and distribution of compulsory, field-specific and non-field-specific elective courses that provide cultural depth and the opportunity to get to know different disciplines in associate, undergraduate and graduate degree programs are created according to the relevant regulations, procedures and principles. When distributing undergraduate courses within the programs, first the requests from the departments are evaluated, the necessary qualifications for the course content are taken into consideration and the fields of all the faculty members of the department are evaluated, and the department head determines these and notifies the faculty dean. This request is re-evaluated in the Faculty Board and if found appropriate, it is approved and opened for the next term.

When distributing graduate courses, course requests are received from faculty members in the relevant department and these requests are evaluated by the department. If the requests are found appropriate, they are forwarded to the department board and the institutes. These requests are re-evaluated by the Institute Administration from different perspectives such as whether the courses are included in the curriculum and whether the number of courses requested by the faculty members is in accordance with the senate principles. If the evaluations are found appropriate, they are approved and the courses are opened for the next term. One of the most important goals at the end of the term is for the competencies of the academic staff to match the qualifications required by the course content.

Evidence:

- B.1.2.1. Turkey Higher Education Qualifications Framework Postgraduate Departments
- B.1.2.2. About Bologna Programs
- B.1.2.3. Bologna Undergraduate Qualifications
- B.1.2.4. Bologna Program Qualification

B.1.3. Compatibility of course outcomes with program outcomes

Firat University Student Information System and "Bologna System" explain all the information about the courses taken by our students, the course evaluation methods, and grading in accordance with Firat University Associate and Undergraduate Education and Examination Regulation and Firat University Postgraduate Education and Training Regulation. Course outcomes are prepared to determine cognitive, affective and motor levels.

A system is being prepared by Firat University Distance Education Center "FÜZEM" and Firat University Student Affairs Department, Firat University Information Processing Department in order to monitor the compliance of course outcomes with program outcomes, how our students respond to program outcomes, how our students are satisfied with the prepared curricula and the current curricula, and to organize surveys on the extent to which the courses in the curriculum contribute to the business

life of graduates. These surveys will be conducted under various headings using this system. When this system becomes operational, deficiencies will be eliminated in accordance with the “PÜKO” logic and the quality of education provided to our students will be further increased.

Evidence:

B.1.3.1. Senate Principles of Firat University Postgraduate Education-Teaching and Examination Regulation

B.1.3.2. Firat University Associate and Undergraduate Education Regulation

B.1.3.3. Firat University Associate and Undergraduate Education Senate Principles

B.1.3.4. Firat University Education-Training and Examination Regulation

B.1.4. Course design based on student workload

The European Credit Transfer System (ECTS), which is a student-centered credit accumulation and transfer system based on the determination of credit values based on student workload and based on learning outcomes and transparency of the learning process, is used in programs designed based on a student-centered and active learning approach. These workloads are shared with stakeholders through program and course information packages and used in all applications related to education and training.

The ECTS credit determination process is calculated by the relevant department commission according to certain criteria. This calculation method is explained in detail in the Bologna system. In addition, the activity and workload according to which the ECTS credit is calculated is formulated in the information section of each course. The time spent by Firat University students for all activities related to the courses (theory, practice, homework, out-of-class study, project, internship, midterm exam, final exam, etc.) is included in the workload calculation and the ECTS calculation is made accordingly. ECTS values have been determined for the courses in all departments/programs. The ECTS system is used in the course adaptations of students coming and going from horizontal transfer and international mobility programs.

In the programs, the workloads of professional practice/field study and internships of Firat University students in workplace environments in Turkey and abroad are carried out in accordance with the internship directives of all academic units that have professional practice/field study and internship applications. In 2010, studies were initiated to determine the credit “ECTS” based on the student workload of the courses in the course curriculum programs for all levels (associate degree , undergraduate and graduate), and it was completed in 2011, and the “ECTS” application was made mandatory for all students as of the 2011-2012 Academic Year. In addition, our University received Diploma Supplement Label (DS Label) approval from the European Commission in 2013. In addition to ECTS studies, success measurement and evaluation methods are checked by the “MÜDEK” accreditation institution for the Departments of the Faculty of Engineering, and by the “EAEVE” and “VEDEK” accreditation institutions for the Faculty of Medicine and the Faculties of Veterinary Medicine, respectively.

Evidence:

B1.4.1. Bologna Information System “ECTS” Calculation Method

B.1.5. Monitoring and updating programs

In order to ensure that the programs in all academic units where our university carries out its educational activities reach their educational objectives and meet the needs of students and society, it uses data obtained from students, graduates, various institutions and organizations of the society and statistics kept on end-of-term student success in our programs. In addition, continuous updating of programs within the scope of “TYYYÇ” is ensured with activities such as harmonization policy with Erasmus +, Mevlana and Farabi programs, diploma supplement, information meetings for students. These responsibilities are meticulously carried out in the committees established in all programs. The up-to-dateness of the departments is announced to the stakeholders through meetings, workshops and symposiums held with external stakeholders. In accredited programs, program review activities are carried out as a result of evaluations made by program coordinators and other committees established

within the program for this purpose. Necessary measures are taken to overcome the deficiencies, weaknesses, concerns and observations determined by the evaluators. Internal and external stakeholder opinions are also taken into consideration with the help of new graduate, old graduate and employer/manager surveys and monitoring and updating are provided with the decisions taken by the education committees in line with the determined update suggestions. The results of the surveys of new graduates, old graduates and employers/managers are evaluated by our academicians who have professional qualifications in their fields and the program is updated based on the appropriate demands of the stakeholders. This application is concluded with the written board decisions of the unit decision-making bodies. Our university monitors whether the programs have achieved their educational purposes and whether they meet the needs of the students and society according to the success rates of our graduates in national and professional exams, employment rates, workplace successes and promotions. This application has not yet been spread to all units of the university and a comprehensive measurement and evaluation is not carried out as in accredited units. In order to spread the application, there is a Graduate Information System .

Evidence:

- B.1.5.1. Firat University Academic Survey System
- B.1.5.2. Administrative Staff Satisfaction Survey
- B.1.5.3. Academic Staff Satisfaction Survey
- B.1.5.4. Student Satisfaction Survey
- B.1.5.5. Alumni Information System

B.1.6. Management of education and training processes

In the structuring of academic units related to education at Firat University, the Higher Education Law No. 2547 and the Academic Organization Regulation in Universities are taken as basis. In addition, the organizational structures, objectives, duties and responsibilities of the units related to education are clearly stated in the relevant legislation. In all of the boards, commissions and units established for the holistic management of education and training at our university, decision-making, planning, organization, communication, coordination and evaluation processes are used effectively. In addition, the areas of expertise are taken as basis in determining the board and commission members and expert human resources are used effectively. Within the hierarchical organizational structure, all units related to education and training from the lowest unit to the highest unit aim to improve and develop education and training processes.

The Firat University Senate and the Firat University Board of Directors serve as the main decision-making body in the design, implementation, evaluation and updating of education and training programs. In addition, there is an education commission in our university to manage and evaluate the education-training processes in a holistic manner. The main purpose of the education commission is to express an opinion to the Senate on the compliance of the changes in the education-training practices or new application proposals of the faculties, institutes, colleges and vocational schools of Firat University and other education-training focused units with the legislation, the University's Strategic Plans and the action plans of the administration. The organizational structure, working method, duties and responsibilities of the commission are clearly stated in the Firat University Education Commission Directive.

Evidence:

- B.1.6.1. 2021-2022 Academic Calendar
- B.1.6.2. Exam Evaluation Workflow Process
- B.1.6.3. Student Affairs Workflow Process
- B.1.6.4. Department Heads Workflow Process
- B.1.6.5. Education and Examination Regulation
- B.1.6.6. Postgraduate Education and Training Examination Regulation
- B.1.6.7. FU Information Technology Department

B.1.6.8. FU Student Information System

B.1.6.9. Announcement Regarding the Distance Education System Survey

A.2. Implementation of Programs (Student-Centered Learning, Teaching and Evaluation)

B.2.1. Teaching methods and techniques

At Firat University, all educational programs have active learning methods that will enable students to achieve program objectives and learning outcomes. Due to the pandemic, in order to actively continue student-centered learning processes with the distance education process, meetings were held in the units, relevant boards and the University Senate, plans were made and decisions were made to enable the use of different teaching methods and techniques in order to gain program competencies planned within the scope of formal/face-to-face education and to achieve the targeted educational objectives (Evidence B.2.1.a, Evidence B.2.1.b, Evidence B.2.1.c). These decisions were systematically announced on the university website (<http://www.firat.edu.tr/tr/page/announcement>). In case methods such as transformed/flipped learning, project-based learning, presentation, problem- or scenario-based learning that are student-centered and suitable for distance education are preferred; the infrastructure of Firat University Distance Education Center (FÜZEM) has been developed to provide training opportunities to faculty members/students on learning and teaching resources.

content has been created to ensure that students' individual differences, disabilities or access restrictions are taken into consideration within the scope of distance education application principles determined by the decision of the University Senate (Evidence B.2.1.a, Evidence B.2.1.c ; Evidence B.2.1.d).

In order to easily understand the education-teaching methods to be implemented at Firat University in the fall semester of 2021-2022, a booklet called “ Firat University Post-Pandemic Education and Training Guide (Evidence B2.1.e)” was prepared and information on face-to-face, blended and online education processes and the details of their applications was announced to all faculty members and students. In addition, the principles for updating the course information packages of courses in which different teaching resources will be used were determined by the decision of the University Senate and shared with the faculty members.

pandemic process, feedback from students and faculty members was also taken into account. In addition, attempts were made to identify disadvantaged students and take necessary precautions (Evidence B.3.1.g). In the 2020-2021 Spring Semester, distance/blended education was monitored through surveys conducted by the senior management to increase effectiveness and to intervene immediately in possible problems (Evidence B.3.1.h). Within the scope of this monitoring, planning was made to receive feedback from students throughout the semester. With these surveys, the student's perception of "current distance education practices" was measured. Following the completion of the courses, a "general course evaluation" is requested from students through a survey conducted for all courses at the end of each semester. At this point, the reflection of the results regarding the feedback received from students and the different teaching methods used by the faculty members on the improvement results can be systematically monitored (Evidence B.2.1.i).

Evidence

Evidence B.2.1.a. 2021-2022 Fall Semester Academic Year Application Principles for Associate, Undergraduate and Graduate Programs

Evidence B.2.1.b. Senate Decisions Regarding the Conduct of Education and Training Activities in the Fall Semester of the 2021-2022 Academic Year

Evidence B.2.1.c. Senate Decisions on the Procedures and Principles of Education within the Scope of the New Normal After the Pandemic of the Spring Semester of the 2021-2022 Academic Year

Evidence B.2.1.d. Training video on preparing lessons in the distance education system for the disabled

Evidence B.2.1.e Post-pandemic Education Guide

Evidence B.2.1.g Some Measures Were Taken to Increase the Adaptation of Our Disabled Students to the Distance Education System

Evidence B.3.1.h --- Surveys taken from students for the purpose of improving distance education

Evidence B.2.1.i --- Survey results for improving distance education

B.2.2. Measurement and evaluation

At Fırat University, the European Credit Transfer and Accumulation System (ECTS) is used to determine the credit values of the courses based on student workload. In 2010, studies were initiated to determine the credit ECTS based on student workload of the courses in the course curriculum programs for all levels (associate , undergraduate and graduate), and it was completed in 2011, and the ECTS application was made mandatory for all students as of the 2011-2012 academic year. ECTS information is included in the course information packages (Evidence B.2.2.a). The credit values (ECTS) based on workload of all courses in the programs were determined and announced on the Fırat University Bologna Information System .

In 2013, it received the Diploma Supplement Label (DS Label) approval from the European Commission. Regular evaluation of students and monitoring of their success is essential in education. In order to calculate the course load required to determine the ECTS credits of the courses, the ECTS Workload Determination Questionnaire Student Form was prepared and implemented (Evidence B.2.2.b). On the other hand, for departments that work in accordance with accreditation systems, success measurement and evaluation methods are designed and implemented in detail to measure the achievement of the targeted learning outcomes.

At Fırat University, in line with the decisions of the Council of Higher Education (YÖK decision dated 19.03.2020 and numbered E.22344, YÖK decision dated 31.03.2020 and numbered E.24625, YÖK decision dated 04.06.2020 and numbered E.34351) during the pandemic process, the program managers who carried out distance education activities exchanged views and made evaluations regarding the measurement-evaluation processes in the University Senate. To be implemented in the 2020-2021 Spring semester; measurement-evaluation principles have been determined for programs providing associate degree/undergraduate and graduate level education (Evidence B.2.1.c). In line with the YÖK decision in the 2020-2021 Spring semester, it has been decided that the exams will be held online or using alternative measurement-evaluation methods (exam, assignment, presentation, case discussion, etc.) and that they will be announced to the students. During the implementation of this decision; The measurement and evaluation systems provided by the FÜZEM infrastructure have been determined by the principles of distance education application, and information on how to apply different methods has been made available for the use of faculty members. For the 2020-2021 Spring Semester mid-term exams, mostly homework, presentation, case discussion, online (test) exams were applied, and similar principles were applied for make-up exams (Evidence B.2.2.d). The exam duration, the time the student enters the system, and the time spent on each question can be monitored in terms of exam security. In case of internet outage or similar problems, the student is given a second right to log in during the exam period. For the 2021-2022 Fall Semester, it has been decided that all exams except midterm exams of the courses to be held via distance education will be held face-to-face within the framework of the teaching principles determined by the University Senate with the post- pandemic process, and that midterm exams for the courses given via distance education will be held in electronic environments with/without supervision or face-to-face (Evidence B.2.1.e).

At Fırat University, the most important feedback process regarding the curriculum is carried out through evaluation surveys. Course Evaluation Surveys are applied at the end of each academic term. After the necessary checks, the evaluations are presented to the relevant unit managers and faculty members for

review. In addition, the comments written by the students about the course and the faculty member are also seen by the faculty members. The feedback from the surveys are examined by the faculty member teaching the course, the department head and the relevant dean's office in order to make the necessary improvements. The feedback from the surveys are examined by the faculty member teaching the course, the department head and the relevant dean's office. If there are any improvements that can be made in terms of measurement and evaluation within the scope of the course within the framework of the opinions conveyed by the students, the faculty member makes them.

Evidence

Evidence B.2.2.a Sample course information package

Evidence B.2.2.b ECTS Workload Determination Survey Student Survey

Evidence B.2.1.c. Senate Decisions on the Procedures and Principles of Education within the Scope of the New Normal After the Pandemic of the Spring Semester of the 2021-2022 Academic Year

Evidence B.2.2.d Distance education exam examples (related to different measurement tools included in the program)

Evidence B.2.1.e. Senate Decisions Regarding the Conduct of Education and Training Activities in the Fall Semester of the 2021-2022 Academic Year

B.2.3. Student admission, recognition and crediting of prior learning

At Firat University, clear and consistent criteria specific to each discipline (e.g. central placement exam, special talent exam, horizontal transfer, vertical transfer, etc.) are defined for both national and international student admissions, and student admission and graduation conditions are guaranteed by relevant regulations and guidelines. The relevant processes are shared with the public under the title of legislation/regulations and guidelines on the <http://ogrenci.dab.firat.edu.tr/tr> web page.

Students are accepted to Firat University associate and undergraduate programs through a central placement exam conducted nationally by the Student Selection and Placement Center (ÖSYM). The main placement conditions and quotas are reported to ÖSYM. There are also programs that accept students through a special talent exam (e.g. Fine Arts Education, State Conservatory) provided that the base score required for application to undergraduate programs is provided in the central placement exam, and the principles for accepting students through a special talent exam are determined by our University Senate (Evidence B.2.3.a).

Students are admitted to postgraduate programs within the scope of the provisions of the Council of Higher Education Postgraduate Education and Training Regulation and the Firat University Postgraduate Education-Training and Examination Regulation (Evidence B.2.3.b, Evidence B.2.3.c). Students are admitted to these programs within the framework of the Academic Personnel and Postgraduate Education Entrance Exam (ALES) held at the national level and the qualifications and conditions determined for the relevant programs. The regulations and guidelines defined for the institutes can be accessed under the documents heading specific to the relevant institute on the web pages <http://fen.firat.edu.tr/tr> , <http://sosyal.firat.edu.tr/tr> , <http://saglik.firat.edu.tr/tr> and <http://egitim.firat.edu.tr/tr> . The principles and rules regarding the recognition and crediting of prior learning regarding postgraduate student admissions are defined and the process is operated in accordance with the relevant regulations and the determined calendar.

Again, within the framework of the criteria of the Council of Higher Education, students are admitted through horizontal transfer. In horizontal and vertical transfers, variables such as ECTS, credit and content are considered and prior learning (knowledge and skills acquired through formal, distance and hybrid learning) are recognized and credited (Evidence B.2.3.d). Legislation and guidelines designed and followed for adaptation and exemption processes are shared with the public (Evidence B.2.3.e). In

addition, students' minor and double major admission criteria are defined ([Evidence B.2.3.f](#)) and announced to students ([Evidence B.2.3.g](#), [Evidence B.2.3.h](#)).

In addition, Firat University accepts and evaluates applications from foreign students within the framework of the International Student Acceptance Principles determined by the University Senate (Evidence B.2.3.i). Student admission is made through the Foreign Student Exam (YÖS). Application requirements for YÖS are published in a specified calendar and the exams are evaluated objectively by being held at domestic and international exam centers. Information on the international student exam is shared with the public [on the YÖS unit's web page](#) . A total of 62 different universities accept students through FÜYÖS.

At Firat University Turkish Language Teaching Application and Research Center (TÖMER), international student admission is made according to their Turkish language proficiency level and these students are provided with Turkish language education ([Evidence B.2.3.j](#)). Information regarding admission to TÖMER and education can be accessed [on the TÖMER unit's web page](#) .

Firat University carries out international joint degree programs for dual diplomas with higher education institutions operating abroad. Firat University Faculty of Technology Software Engineering International Joint Degree Program (IJP) is a program carried out within this framework and its application procedures and principles are defined ([Evidence B.2.3.k](#)). The relevant processes are shared with the public under the title of legislation/regulation and guidelines [on the Software Engineering International Joint Degree Program \(IJP\) web page](#) .

In addition, in order to facilitate the adaptation process of our students, separate [adaptation trainings](#) have been organized in our units and this has become a culture. Participation in national and international exchange programs is supported at Firat University, and credit and passing grade equivalences are made for students who benefit from exchange programs and students do not lose credit ([Evidence B.2.3.l](#)).

Evidence

Evidence B.2.3.a. [Associate and Undergraduate Education Regulation](#)

Evidence B.2.3.b [Postgraduate Education-Training and Examination Regulation](#)

Proof B.2.3.c [Senate Principles Regarding Postgraduate Education-Training and Examination Regulation](#)

Evidence B.2.3.d [Associate and Undergraduate Programs Horizontal Transfer Directive](#)

Evidence B.2.3.e [Exemption and Adaptation Procedures Directive](#)

Evidence B.2.3.f [Double Major and Minor Program Directive](#)

Evidence B.2.3.g [2021-2022 Academic Year Spring Semester Double Major - Minor Application Announcement](#)

Evidence B.2.3.h [2021-2022 Academic Year Fall Semester Double Major - Minor Transfer Announcement](#)

Evidence B.2.3.i [Directive on Selection and Placement of International Students for Associate and Undergraduate Programs](#)

Evidence B.2.3.j [Turkish Language Teaching Application and Research Center Regulation](#)

Evidence B.2.3.k [Regulation on Education and Training for International Joint Degree Programs for Dual Degrees](#)

Evidence B.2.3.l. [European Union Education and Youth Programs Erasmus + Exchange Directive](#)

B.2.4. Certification of qualifications and diploma

The processes regarding the graduation requirements of students, diploma approvals and certification of qualifications have been defined and the relevant processes are shared with the public on the website under the title of Legislation/Regulations and Guidelines.

The institution implements the preparation of diplomas and other documents in accordance with the relevant directive of Fırat University. The achievement of degrees and qualifications at all levels, including associate degree, bachelor's degree, master's degree and doctorate, is determined by the Turkish Higher Education Qualifications Framework. In both formal programs and distance education programs, ECTS work and course load is sufficient in the Turkish Higher Education Qualifications Framework. 240 ECTS + At least 2.00 average out of 4.00 is required for a student to graduate. Graduations of students are checked according to the table in the Student Information System, their transcripts are examined one by one to see if they have any missing courses. In the institution, a "Bachelor's Degree" is issued to students who have fulfilled all the conditions for graduation and have earned the right to graduate. The front of the diploma includes the student's date of birth, place of birth, name and surname\ institution name, graduation date, diploma number\ name, surname, title and signature of those who approve the diploma. On the back of the diploma, there is the Turkish ID number or passport number for foreign nationals, school number, mother and father's name, and the signature of the head of the student affairs department (Evidence B.2.4.a). The diploma is given in both Turkish and English on the same side. The information on the diploma and temporary graduation certificate is written based on the graduation date. No photographs are attached to the diplomas, and the graduation average is not stated.

Fırat University, implementing the Bologna process in education, Diploma Supplement Label) and ECTS (European Credit Transfer and Accumulation System) labels continue to be given. Diploma supplement is a document given to students who successfully complete the programs they are registered with along with their diploma. Diploma supplement includes graduation date, diploma number, level of degree received, transcript information and information about the national education system. The gains offered by the diploma supplement to students and institutions include ensuring transparency in higher education, rapid consideration of educational documents such as diplomas, facilitating mobility and making lifelong education accessible. It also provides fair, reliable and competent information about the diploma and skills acquired. Diploma supplement facilitates academic and professional recognition of the diploma, but it cannot replace the diploma and does not guarantee international academic recognition. Diploma supplement is signed by the Head of Student Affairs Department.

In addition, the certificates and curriculum information obtained by students during their education are presented as a clear and concise document through Fırat University Continuing Education Center (FÜSEM).

A.3. Learning Resources and Academic Support Services

B.3.1 Learning environment and resources

In order for the university to conduct student-centered learning, teaching and evaluation, primarily the Vice Rector responsible for Education, the Education Commission, and Department/Program Heads are working in a coordinated manner. Improvements are being made within the scope of reflecting student-centered learning to the entire curriculum, conducting courses interactively with students, and including project/assignment/presentation content in the course structure. Some evidence regarding project-based courses is presented as an attachment. The 7+1 applied education model is being continued at the FÜ Faculty of Technology. In some departments of the Faculty of Engineering, the 7+1 applied education model was adopted with the Senate decision taken in 2021 (2020-2021/18.21). Documents regarding departments and faculties where applied education is provided are presented in the evidence section. In this context, bilateral agreements are being signed between the university and companies. In this context, documents are presented in the evidence section.

Distance Education Center (FÜZEM): To carry out activities within the scope of the Distance Higher Education Regulation Based on Interuniversity Communication and Information Technologies, to develop an environment for all courses/programs offered by Firat University to its students and/or society via distance education by using communication and information technologies, to provide technical support and to ensure coordination between the relevant units of the University. All courses taught in the Faculties, Colleges and Vocational Schools of our University are provided via distance education. Additionally, it actively accepts students in the Non-Thesis Master's programs in Educational Administration, Curriculum and Instruction, Educational Technologies, and the Theology Undergraduate Completion (ILITAM) Program.

Continuing Education Center (FÜSEM) : In addition to the formal associate degree, undergraduate and graduate programs provided by the University, it provides training in areas where students and all segments of society are needed and contributes to the improvement of the educational and cultural level of society, and contributes to the development of cooperation between the University and the public, private sector, local government, civil society and international organizations. It organizes courses, seminars, conferences, project markets, education fairs and similar activities in every field where it is needed, in every environment where formal and distance education methods are used. It organizes organizations that develop relations between University-industry, University-local governments and University-civil society organizations.

Career Planning Application and Research Center: Career counseling is provided in cooperation with the relevant units and all academic programs of the university . Career counseling is provided to university students in their career planning; to adapt to university life and to working life after university, and to settle in jobs that suit their characteristics after graduation. In cooperation with the Continuing Education Center , the university provides training to its students and graduates to increase their professional competencies and follow new developments in their fields, to increase the number of institutions where students can do internships and to ensure that students establish connections with these institutions. National and international graduate education and employment opportunities are investigated for students and graduates, and studies are carried out to solve the problems they may encounter in business life. Monitoring studies are carried out regarding the career development processes of university graduates in cooperation with the coordination . Within this scope, the Southeastern Anatolia Career Fair was held in 2021 within Firat University. Seminars on career planning (certified training on resume (CV) preparation and interview-body language techniques , etc.) are also offered to students at certain intervals .

Research and Application Centers: *There are many research and application directorates and centers established within Firat University,* which were established in order to provide infrastructure and enable the development and advancement of our students and faculty members . Some of these are; Experimental Research Center Directorate (Füdäm); Turkish Language Teaching Application and Research Center (Tömer); Natural Disasters Research Center; Eastern Anatolia Region Research and Application Center; Firat Basin Research and Application Center; Disabled Research and Application Center; Middle East Research Center; Agriculture and Livestock Research Center Directorate; Construction and Concrete Application and Research Center; F.Ü. Earth Sciences Application and Research Center; Harput Application and Research Center; Neuro Marketing and Marketing Research Center; F.Ü. Women's Studies Application and Research Center, etc.

Evidence

B.3.1.1. All documents containing the 7+1 Application Principles (Faculty of Technology)

B.3.3.2. A New Collaboration Between Our University and Arçelik -2021

B.3.3.3. Education and Collaboration Protocol between our University and NETCAD Software Inc. - 2021

B.3.1.4. Graduation Ceremony Held for the First Graduates of Koç-Arçelik " Prep " Program-2021

B.3.1.5. Applied Lesson Example - Reinforced Concrete and Design

B.3.3.6. Applied Lesson Example - Water Resources and Design

B.3.3.7. Applied Lesson Example - Design in Chemical Engineering I –II

B.3.3.9. FÜ. Distance Education Center (FÜZEM)

B.3.3.10. Educational videos prepared by FUZEM for the purpose of developing teaching materials specific to distance education and developing teaching methods for faculty members.

B.3.3.11. Video prepared for the introduction of the Distance Education System to students and effective use training

B.3.3.10. FÜ. Continuing Education Center (FÜSEM)

B.3.3.11. Our University In-service training planning meeting

B.3.3.12. Protocol for the Establishment of “R&D, Innovation ” and “New Generation Maker Center”-2020

B.3.3.13. Career Planning Application and Research Center

B.3.2.14. Our University hosted the Southeastern Anatolia Career Fair

B.3.2.15. Certified Trainings on Resume (CV) Preparation and Interview-Body Language Techniques

B.3.2.16. Firat University Research and Application Centers

B.3.2. Academic support services

In order to introduce the University to the first-year students who have completed their final registrations, orientation programs are organized by the relevant units before the start of the classes. The department/program boards determine an advisor faculty member for each student in accordance with the Associate/Undergraduate Education Regulation . The designated advisor assists the student with registration for classes, adding-withdrawing, and also with health, culture and sports-related issues in line with the student's career planning upon his/her request. Advisory duties are distributed equally to the faculty members in the relevant unit. Advisory services are carried out by taking into consideration the Associate and Undergraduate Education-Teaching Senate Principles .

In postgraduate programs, the Institute Departments assign an academic advisor from among university faculty members or staff to each student enrolled in the postgraduate program starting from the first semester. When making the appointment, the issues in the Thesis Advisor Appointment section of the Postgraduate Education and Examination Regulation and the Senate decisions on the Advisor Appointment Process and Qualifications Required in Faculty Members (ARTICLES 12-17) are taken into consideration.

Each of our students has an academic advisor. Academic advisory services at undergraduate and graduate levels are provided face-to-face by faculty members. During the pandemic , meetings were held via the distance education system.

There is a general satisfaction with academic advisory services throughout the university and this issue has been identified as one of the strengths of the institution. In this context, academic staff provide students with sufficient guidance support in their studies. In addition, OBS (Student Information System) is actively used. Communication between students and advisors is very easy through this system. Student feedback is received through OBS.

At our university, we are sensitive about having student representatives on the boards where decision-making mechanisms are operated. (Example: There is a student representative on the Quality Boards).

Evidence

Directives-Regulations-Protocols

B.3.2.1. Postgraduate Education and Training Examination Regulation (Appointment of Thesis Advisor)

B.3.2.2. Senate decisions on the Advisor Appointment Process and Qualifications Required in Faculty Members (ARTICLES 12-17)

B.3.2.3. Associate/Undergraduate Education Regulation

B.3.2.4. Associate and Undergraduate Education-Teaching Senate Principles

Competition Rankings Obtained as a Result of Academic Counseling

- B.3.2.5. Competition Rankings obtained as a result of Academic Counseling (2021): Example-1
- B.3.2.6. Competition grades obtained as a result of Academic Consultancy: Example-2
- B.3.2.7. TUBITAK 2247-C Intern Researcher Scholarship Program (STAR): Example-3
- B.3.2.8. TÜBİTAK-2242 University Students Research Project Competition Regional Championship (2020): Example-4
- B.3.2.9. 2 Teams from Firat University Achieved Significant Success in TEKNOFEST 2020 Rocket Competitions : Example 5
- B.3.2.10. Great Success of FU Faculty of Communication Students: First and Third Place Awards from the 31st Turkish Journalists Association Aydın Doğan Young Communicators Competition
- B.3.2.11. Firat University Faculty of Communication students won the "second place" award in the "TRT Future Communicators Competition" organized by the Turkish Radio and Television Corporation (TRT).
- B.3.2.12. Our Students' Success in Taekwondo. One of our students became the 2nd in the World : Example 10
- B.3.2.13. The advisor faculty members of the teams that achieved success in TEKNOFEST 2021 were congratulated.

Exhibitions Produced as a Result of Academic Consulting

- B.3.2.14. The exhibition of the Faculty of Communication, Department of Visual Communication Design was exhibited in Puerto Rico-2021
- B.3.2.15. Firat University Faculty of Communication 2020-2021 End of Term Mixed Virtual Exhibition was organized-2021

B.3.3 Facilities and infrastructures

As expressed numerically *in the 2019-2023 Strategic Report* of Firat University , “Our University carries out its activities in eight areas together with the Rectorate, Engineering and “Harput Campus” Campuses. The Rectorate Campus was established on a 4,395,714 m² area deeded in the name of the treasury and allocated to our university and a total of 5,140,284 m² , of which 744,570 m² was expropriated and registered in the name of our university ; the Engineering Campus was established on an area of 885,210 m² deeded in the name of the treasury and allocated to our university. On the Harput campus of 6,229,243 m² allocated to our university : Education - training and research activities continue in the Faculty of Communication, Central Laboratory, Civil Aviation School Laboratories and the “Agriculture and Livestock Research Center (TAHAM)” where farmer trainings are also carried out . In Yurtbaşı, agricultural activities are carried out to support the application studies of the Faculty of Veterinary Medicine on a land of 711,914 m² , and in Sivrice Cevizdere, our University Education and Recreation Facilities provide services on an area of 4,285 m² .

Our university has reached a sufficient level in terms of classroom space, except for the buildings of the Faculty of Dentistry and the Faculty of Economics and Administrative Sciences. With the construction of the buildings of the mentioned faculties, there will be no problems with classrooms. Education-training buildings and laboratories are actively used by students and academic staff. This use continues in night classes within the scope of evening education and in the summer school period.

Firat University has a strong IT infrastructure. In our university;

- Electronic Document Management System (EBYS) for internal and external correspondence,
- Student Information System (OBS) regarding student affairs,
- Academic Information System (ABS)
- Distance Education System
- Hospital automation systems,
- Bologna Information System
- TTS in TUBITAK transactions,
- FÜBAP Automation regarding project supports,
- Firat University Academic Survey System.

Central Authentication System (CAS) is used to access all web-based services at our university. In addition, Domain/ Hosting /E-mail services are provided upon request for activities such as

Conferences/Panels/Symposiums etc. Within the scope of e-mail services; e-mail service with unlimited storage space is provided to all our students, academic, administrative and other personnel. As of 2015, Google for Within the scope of Education , everyone at the university is given an e-mail account using the Gmail infrastructure.

The Department of Information Technology carries out the purchasing processes, post-purchase installation, configuration and coordination processes of the software used in our university within the scope of software and license services. In addition, the design and coding activities of the software that needs to be developed within the department are carried out. A Campus Agreement is made with Microsoft every year for the licensing of the operating system and office software of all computers used in our university.

A file download system has been put into service to ensure that all software is delivered to everyone within the university . Within the scope of hardware and infrastructure services, the Department of Information Technology performs the installation and maintenance of computers, printers, projectors, etc. used in all units. In addition, it carries out all structural cabling (copper, fiber-optic), cable termination, and cabinet arrangement activities on our university campus, and in this context, it performs network switch and wireless access point installation and management. Within the scope of network services; the procurement, installation and management of hardware such as servers, storage devices, camera recorders, network switches, wireless access points, etc. within the body of our Department of Information Technology are carried out.

Firewall positioning, configuration and update activities are carried out against attacks, malware, unwanted e-mails etc. coming from the internet environment on all systems and computers used within our university, and antivirus software purchase and installation activities are carried out on these systems and computers against viruses etc. VPN (Virtual Private Network) service is provided through the firewall so that all our students and staff can access our university network and contracted databases outside our university.

Evidence

B.3.3.1. 2019-2023 Firat University Strategy Report

B3.3.2. Electronic Document Management System (EBYS).

B.3.3.3. Student Information System (OBS) regarding student affairs,

B.3.3.4. Academic Information System (ABS)

B.3.3.5. Distance Education System (UES)

B.3.3.6. Hospital Automation System,

B.3.3.7. Blogna Information System

B.3.3.8. TTS in TUBITAK transactions,

B.3.3.9. FUBAP Automation regarding project supports

B.3.3.10. File Download System

B.3.3.11. Statement that our university has no deficiencies in dormitories and accommodation.

Studies on student feedback

B.3.3.12. Firat University Academic Survey System

B.3.4. Disadvantaged groups

of the Regulation on Consultation and Coordination of Disabled People in Higher Education Institutions , it was established in 2009 to ensure equal access to education opportunities for disadvantaged, vulnerable and under-represented groups (disabled, poor , minority, immigrant etc.) and to observe fairness, diversity and inclusiveness. ***Firat University Disabled Research and Application Regulation was established and a center was established within our university. In addition, the Disabled Student*** Commission was established in 2008 to organize and coordinate activities for disabled students .

, which started its activities in 2008 under the name of “Education and Rehabilitation Center for the Hearing Impaired” and continued its activities as “ **Disabled Research and Application Center** ” with the proposal of our University Rectorate and Law No. 2880 of the Council of Higher Education, on May 7, 2009, various activities are carried out within the scope of a barrier-free university. The basic activities carried out in the center can be summarized as follows;

- To ensure that society is aware and sensitive towards creating a barrier-free life for the disabled at the country level by cooperating with public and private sector institutions and organizations,
- To publish books, magazines, brochures and similar publications, and to organize programs in written and visual media outlets in order to inform the society about the difficulties experienced by the disabled and to educate them on improving the lives of the disabled.
- To provide awareness and training services to disabled people and their families in order to improve the quality of life of the disabled,
- cooperate with other disciplines on research on people with disabilities ,
- Participating in the development of joint projects with public institutions and organizations or facilitating this,
- To identify the deficiencies and mistakes in the knowledge, attitude and behavior of the society towards the disabled and their lives and to organize trainings to eliminate these,
- To raise awareness among university students about facilitating the lives of the disabled and to ensure that they take active part in the projects to be carried out by the Center, to carry out encouraging educational activities for this purpose and to support those who want to work in this field,
- To prepare projects, organize training programs, provide scientific opinions and provide similar services to national and international public and private sector institutions and organizations in line with the Center's objectives. Examples of these studies are presented in the evidence section.
- Providing expert witness services to public and private sector institutions and organizations and individuals on issues within the scope of the relevant legislation.

The successes achieved as a result of the studies carried out for disabled students within our university and the sensitivity shown by our Rector Prof. Dr. Fahrettin GÖKTAŞ towards disabled students are presented in the evidence section. In addition, the awareness that has developed among Fırat University students towards disabled individuals and the news showing the reflections of this awareness are presented in the resources section.

Evidence

B.3.4.1. Fırat University Disabled Research and Application Regulation

B.3.4.2. Speech of the Chairman of the FÜ. Disabled Student Commission

B.3.4.3. Our Rector Prof. Dr. Fahrettin GÖKTAŞ's Birthday Surprise to Two Disabled Students - 2021

B.3.4.4. Disabled Research and Application Center 3 December Disabled Day Programme Organized-2021

B.3.4.5. Our Rector Prof. Dr. Fahrettin Göktaş Disabled Disabled Day message-2021

B.3.4.6. Participation in the Online Meeting of Disabled Students Counseling and Coordination Units - 2021

B.3.4.7. May 10-16 World Disability Week Our Graduates and Pandemic Days (Online Meeting-2021)

B.3.4.8. Fırat University Faculty of Sports Sciences disabled student and Kickboxing National Team athlete Nurcihan Ekinici came in second in the 9th World Para Taekwondo Championship - 2021.

B.3.4.9. Art teacher candidates studying at Fırat University decorated the walls of the center in Elazığ with pictures in order to provide a better environment for disabled children and young people - 2021.

B3.4.10. A talk on “Traditional and Modern Treatments in Mental Illnesses” prepared jointly by Fırat University Disabled Research and Application Center, Elazığ Schizophrenia Solidarity Association and Barrier-Free Fırat Student Community - 2019

B.3.4.11. An application was made to the “Direct Aid Program (DAP)” project, which is a flexible and small grants program funded by the Australian Government and managed by the Australian Ministry of Foreign Affairs and Trade through overseas embassies, by the Directorate of Fırat University Disability Research and Application Center - 2017

B.3.2.12. "Disabled Persons Festival" at Fırat University - 2019

B3.1.13. Some Measures Were Taken to Increase the Adaptation of Our Disabled Students to the Distance Education System

B.3.5. Social, cultural, sporting activities

The venue, budget and guidance support for student communities and their activities, social, cultural and sports activities are carried out with the coordination and support of the Health, Culture and Sports Department within the institution.

The Department of Health, Culture and Sports is a unit established in accordance with the 46th and 47th articles of the Law on Higher Education No. 2547, amended by No. 2880, with the aim of protecting the physical and mental health of FÜ students, treating or treating those who are ill, evaluating their extracurricular time according to their accommodation, nutrition, work, rest and interests, providing opportunities for acquiring new areas of interest, providing services that will improve both their health and social situations, and enabling their talents and personalities to develop in a healthy way, raising them as individuals who care about their mental and physical health, and acquiring regular and disciplined work, rest and entertainment habits together.

Evidence

B.3.5.1. Department of Health, Culture and Sports

B.3.5.2. Activity reports of student societies;

Activity report of scientific societies-2021

Activity report of student groups affiliated to the cultural branch coordinator - 2021

Student communities affiliated with the health branch coordinatorship activity report-2021

Student communities affiliated to the social branches coordinatorship activity report-2021

B.3.5.3. Our success in the 2022 activity program of the Turkish University Sports Federation

B.3.5.4. Firat University Faculty of Sports Sciences disabled student and Kickboxing National Team athlete Nurcihan Ekinici came second in the world in the 9th World Para Taekwondo Championship - 2021.

B.4. Teaching Staff

B.4.1. Appointment, promotion and assignment criteria

The Regulation on the Procedures and Principles Regarding the Central Exams and Entrance Exams to be Applied in Transfer or Open Appointments to the Academic Staff Positions of our University Units, Other Than Academic Staff, is recruiting academic staff in accordance with the provisions of Law No. 2547 and Article 48 of Law No. 657. ***The methods followed for the recruitment of academic staff other than academic staff*** have been determined and presented to the candidates in a Table form in order to facilitate their consideration in applications.

The processes related to the recruitment, appointment and promotion of teaching staff are carried out in accordance with the regulations and processes issued by the Council of Higher Education and the University Personnel Department, primarily Law No. 2547. The new appointment-promotion directive of our university, which was accepted by the Senate in 2018 and put into effect (Firat University Directive on Promotion and Appointment to Academic Membership), was also used in 2021. Within the scope of the directive, the ***"Information on Promotion and Appointment to Academic Membership", which allows our faculty members who request appointment to automatically calculate their scores, "System"*** Our academic staff have been calculating their scores without any errors since 2019 with a portal called. Again, ***in 2021, the norm and non-norm cadres for all units of our university*** were determined at the end of the previous year and announced on our university's homepage. Again, at the end of 2021, the 2022 cadre requirement plan was made. The decisions of the Department Board, Department Board, Faculty/YO/Vocational School Board regarding these were conveyed to the Rectorate.

Evidence

- B.4.1.1. Roadmap followed in the appointment of teaching staff other than faculty members
- B.4.1.2. Sample announcement for recruitment of non-Academic staff - (December 2021 announcement)
- B.4.1.3. Pre-evaluation result sample for a faculty member other than a faculty member - (December 2021 announcement)
- B.4.1.4. Sample of the recruitment result for non-teaching staff (December 2021 announcement)
- B.4.1.5. Firat University staff planning for 2021
- B.4.1.6. Appointment and promotion criteria directive
- B.4.1.7. Appointment principles, score calculation and application system
- B.4.1.8. Academic Member Announcement (Academic Promotion) announcement sample - Announcement text dated December 6, 2021.pdf**

B.4.2. Teaching competence (Active learning, measurement and evaluation, innovative approaches, material development, competence acquisition and quality assurance system)

In the 2019-2023 Strategic Plan, our university has determined its goals as five basic items to become a world-class research university.

Purpose-1: Increasing the Quality of Education and Social Life

Purpose-2: Developing Scientific Research Activities

Purpose-3: Improving Community Services

Goal-4: Strengthening University-Public-Private Sector Collaboration

Objective-5: Strengthening the Institutional Structure

the 2019-2023 goals, which include supporting graduate students, postdoctoral researchers and faculty members in academic, social, economic and cultural terms in order to strengthen the research infrastructure, have also been set out in detail.

TUBITAK Project Preparation and Implementation Trainings are regularly organized [HYPERLINK "http://www.firat.edu.tr/tr/page/event/fen-ve-muhendislik-alaninda-tubitak-2209-a-ogrenci-projeleri-hazirlama-egitimi-4488"](http://www.firat.edu.tr/tr/page/event/fen-ve-muhendislik-alaninda-tubitak-2209-a-ogrenci-projeleri-hazirlama-egitimi-4488) for graduate students at our university and useful information is provided to the participants. Researchers and faculty members who are at the beginning of their academic lives are also effectively guided by *the Project Coordination and Consultancy Center* within the university during the project preparation and presentation processes .

In addition, in order to increase the number of young entrepreneurs on the way to becoming an entrepreneurial and innovative university, the project development support is provided in the preparation and implementation processes of the TUBITAK 1512 Techno -Entrepreneurship Project and the support of the project management and consultancy office *of Firat Technopark - Technology and Transfer Office, one of the BIGG implementing institutions* . Techno -Entrepreneurship Project Preparation Trainings, Information Meetings and Mentorship services are effectively provided within the Technopark .

certified trainings on the use of experimental animals are organized regularly within the Experimental Research Center . Within the scope of the training program, basic information on Experimental Animals is conveyed and the necessary competencies in the application of Experimental Animals are acquired by the trainees.

Firat University Continuing Education Center organizes trainings on various subjects for students and faculty members within the scope of active learning and innovative development. (İHA -0 Driving License Program and İHA-1 Driving License Program trainings, Cognitive Behavioral Therapy Theoretical Training, OHS (Occupational Health and Safety) Specialist Trainings etc.)

Evidence

- B.4.2.1. Project Coordination and Consultancy Center
- B.4.2.2. Firat Teknokent Technology Transfer Office
- B.4.2.3. Firat University Distance Education Center (FÜSEM)

- B.4.2.4. TÜBİTAK Project Preparation Training for Doctoral Students, News Text -2021
- B.4.2.5. R&D Personnel Training Program-2021 organized in cooperation with our University, Elazığ Governorship and İŞKUR Provincial Directorate
- B.4.2.6. Academic Skills Development and Project Training for Postgraduate Students in the Field of Educational Sciences - 2021
- B.4.2.6. "Introduction to Academic Skills and Project Management" training for students studying for a Bachelor's degree in Health Sciences - 2021
- B.4.2.7. "Applied Training on Preparing and Executing Research Project Proposals for TUBITAK" in the field of Health Sciences - 2021
- B.4.2.8. TUBITAK Research Project Preparation and Execution Training for Multi-Disciplinary and Industrial Production in the Field of Engineering - 2021
- B.4.2.6. Certified Training on the Use of Experimental Animals-2021
- B.4.2.7. IHA-0/1 Driving License Program -2021
- B.4.2.8. Class C OHS Specialist Training -2021
- B.4.2.9. Cognitive Behavior and Therapy Institutional Training -2021
- B.4.2.10. Computer Forensics Specialist Training-2021
- B.4.2.11. SPSS Application Training - 2021
- B.4.2.12. YÖKDİL training-2021
- B.4.2.13. Patent Awareness and Information Training-2022
- B.4.2.14. " Practical Skills for Assessment " for Learning" themed training of trainers seminar-2022

B.4.3. Incentives and rewards for educational activities

Our university aims to provide different types of project support to academic staff in order to encourage scientific research and researchers, to provide technical equipment and materials to researchers, and to provide scholarships to students. For this purpose, our university *has prepared the Regulation on Scientific Research Projects of Higher Education Institutions*. provides project support within the framework of.

Activities aimed at ensuring the professional development of academic staff are supported by the university administration, taking into account performance indicators. For example; with a decision taken in 2019, FÜBAP (Firat University Scientific Research Projects Unit) established the *"Public University- Which project type should be given priority to support industrial cooperation projects? If the relevant public-university-industry cooperation project is submitted, the maximum of that project type* It was decided *that the support amount would be supported with a 50% additional budget .*

Firat University has prepared a performance guideline in order to encourage its academic staff by evaluating their scientific, artistic and similar academic studies and thus to increase the national and international success level of the university. Within the scope of this guideline, academic staff are provided with performance project supports within the scope of their academic performance. Academic staff can provide an extra allowance/support for their work with project budgets determined based on their academic performance score. For this purpose, performance project applications and evaluations are made by taking into consideration our university's *Academic Performance Project Guideline .*

Since the 2015-2016 academic year, the "Thesis of the Year Awards Event" has been held regularly for doctoral and graduate students within our university. are organized, the students and advisors who have completed the most successful thesis studies are determined and rewarded. In addition, students and advisors who have completed their postgraduate studies are congratulated with regularly published announcements.

The aim of the Thesis Award is to ensure that thesis topics contribute to the development of our country, the world of culture and thought, and to increase the research power of our country in basic science as Firat University. In this context, *the Firat University Most Successful Postgraduate Thesis Award Directive* is taken into consideration.

Students and faculty members who represent our university in various scientific platforms and honor our university with the degrees they have earned are carefully monitored by our University Rectorate, their successes are announced in order to inspire the university in general and they are also rewarded by the Rectorate. In this context, the dissemination of success to the general public is encouraged and accelerated.

Evidence

B.4.3.1. Performance Directive

Evidence of internal faculty awards for their achievements;

B.4.3.2. Our Rector Prof. Dr. Göktaş Hosted and Rewarded the Academicians Whose TUBITAK 1001 Projects Were Accepted in 2021.

B.4.3.3. “A Certificate of Appreciation was Given to the Faculty Members in the List of the World’s Most Influential Scientists in 2021

B.4.3.4. Our faculty members who were deemed worthy of the TÜBİTAK Science, Special, Service and Incentive and TÜBİTAK GEBİP Awards in 2021 were given a Thank You Plaque by our Rector.

B.4.3.5. Our University Rector Prof. Dr. Fahrettin Göktaş presented the medals to Fırat University Academicians who achieved success in ISIF’21 Invention Fair Competitions.

B.4.3.6. The advisor faculty members of the teams that achieved success in TEKNOFEST 2021 were congratulated.

B.4.3.7. Performance Awards for Research Assistants from the Faculty of Engineering

Evidence for the evaluation and awarding of their theses - Congratulations to the newly graduated students and their advisors;

B.4.3.8. The most successful theses of 2018-2019 were awarded (Example of the Institute of Science)

B.4.3.9. Announcement of new doctoral graduates with congratulations and wishes for success (Example of the Institute of Science)

B.4.3.10. Announcement of new graduates with congratulations and wishes for success (Example of the Institute of Science)

C. RESEARCH AND DEVELOPMENT

C.1.1. Management of research processes

At Fırat University, “R&D” processes are carried out by various units under the coordination of the relevant vice rector. Technical support is provided to external research projects by the Project Coordination and Consultancy Office, and the monitoring and statistical evaluation of “R&D Projects” submitted outside the institution are also carried out. The use of in-house resources for “R&D” purposes is managed by the “BAP” Unit, and especially the funding of postgraduate studies is provided by this unit. University-Industry Collaboration Projects are monitored by Fırat Teknokent and technical support is provided when needed. Relevant processes are carried out by “Fırat TTO” regarding Intellectual and Industrial Property Rights, and applications with high commercialization potential are evaluated as service inventions by the decision of the university board of directors and supported by our university. Support and guidance regarding entrepreneurship are provided to our academics and students by Fırat Teknokent in cooperation with “TÜBİTAK” . Technical support is provided to projects prepared for “EU” funds by the External Relations Coordination Office.

Fırat University has announced its institutional policy regarding “R&D” in its 2019-2023 Strategic Plan (<http://www.firat.edu.tr/documents/1606908236.pdf>). In addition, the institution’s “R&D” Strategy Document was prepared in 2019. In the Fırat University Strategic Plan, the institution’s mission regarding “R&D” is stated as “To contribute to the development of our country by producing science, art and technology at national and international levels”. Again, the institution’s vision in the strategic plan is given as “To be a respected research university that leads change and development in the fields of education, research, technology and community service, and produces competitive and result-oriented national and international projects.” As of the end of 2021, Fırat University has succeeded in being

among the 20 research universities in our country (<https://www.yok.gov.tr/Sayfalar/Haberler/2021/arastirma-universiteleri-ile-toplanti.aspx>).

In the 2019-2023 Strategic Plan of Fırat University, it was determined as “Goal-2: Developing Scientific Research Activities”. Within this scope, increasing the science/art studies carried out by our University academicians, increasing the externally funded projects carried out at our University, supporting scientific activities in national priority areas and developing cluster studies, strengthening research activities/infrastructure, developing company, project, intellectual industrial and property rights studies within Fırat Teknokent and “Fırat TTO” were stated as targets.

Within the scope of research activities in education-training programs, graduation project exhibitions (<https://www.kanal23.com/haber/elazig/gelecegin-muhendisleri-tasarimlarini-yaristiriyor-yarismasinin-sergi-ve-odul-toreni-yapildi-EmBigcMp>), supports received through “TÜBİTAK” Graduation Projects Support Program, studies to develop professional practice and research skills and abilities of undergraduate students in projects such as “BAP” (Fırat University “BAP” Directive Article 11, paragraph h, “FÜBAP” Directive), 1001, 1002, various training seminars and meetings have been organized.

In order to encourage undergraduate students to write, apply and carry out projects, “TTO” promotes “TÜBİTAK” funds at the University. In this context, undergraduate students carry out “TÜBİTAK” Supported Research Projects under the consultancy of faculty members. In 2021, with the encouragement of the Rectorate, more than 150 applications were made to TÜBİTAK 2209 projects.

There is a Central Laboratory for research activities at our university and it continued to provide service in 2021. In addition, research and development activities are carried out by academics within Fırat Teknokent . Laboratories of departments in science, engineering and health-related fields are actively used for research activities. In addition to individual studies in the departments, laboratory studies of postgraduate theses are carried out. As of the end of 2021, 4177 postgraduate students continue their education at Fırat University and laboratory infrastructures are used in approximately 70% of these theses.

In our institution, “KİDR” Research Performance Indicators are analyzed by the Scientific Research Projects Coordination Unit, Library and Documentation Department, All Institutes, All “R&D” Centers, and Central Laboratory Units according to the Strategic Plan of our University. R&D activities and outputs are regularly monitored under the supervision of the relevant Vice Rector at our university, and in order to make more detailed analyses, a subscription was made to the “ Incites ” database in 2019 and this subscription continued in 2021. Each project submitted to “TÜBİTAK” programs is recorded by the Project Coordination and Consultancy Office and analyzed regularly every year. Accepted projects are monitored by the External Projects Unit within the Fırat University Scientific Research Projects Coordination Unit. Since the data of the Entrepreneurial and Innovative University Index, “YÖK Report Card”, “KİDR”, and “TÜİK” are collected every year and shared with the relevant institutions, regular monitoring of the data is also ensured with “R&D”. In this context, the “ÜYBS” program, which was designed by “YÖKAK” and provided to our universities and which was organized by the Quality Commission and reached its final stage with the studies carried out by the Department of Information Processing, will provide great convenience in the measurement and evaluation of performance indicators.

With the idea of increasing the quality as well as the quantity in R&D projects, our university's Appointment and Promotion Directive was changed in 2018 and is still being implemented. After Fırat University was selected as a Research University by the end of 2021, a new study was conducted regarding the Appointment and Promotion Directive, and it was accepted by the Senate and forwarded to YÖK for approval. Necessary improvements were made in this directive, especially considering the criteria of a research university, and necessary steps were taken to spread the requirements of a research university to a wider group of researchers, provided that they are accessible. In accordance with this regulation, academics were provided with higher scores in case of publications within the scope of “SCI” and “SCI-E” in journals with a high impact factor, and it became mandatory to gain external projects. In addition, with the “FÜBAP” Performance Projects, the academic studies of academicians have been

rewarded (<https://bap.firat.edu.tr/index.php?act=guest&act2=istatistikler&page=1&>), and with the Best Thesis Awards of the Institute of Science (<http://www.firat.edu.tr/tr/page/news/universitemizde-en-basarili-tez-odul-toreni-gerceklestirildi-4026>), the quality of postgraduate studies has been increased. In order to increase the externally funded projects of our academicians, the practice of presenting postgraduate projects primarily to organizations that provide funding outside the institution has continued (<https://bap.firat.edu.tr/index.php?act=guest&act2=duyurular&id=103&genel=1>).

As in previous periods, 3 project trainings supported by “TÜBİTAK” were carried out in our university in 2020 with the participation of internal and external stakeholders (<http://www.firat.edu.tr/tr/page/news/akademik-becerilere-giris-ve-proje-yonetimi-tubitak-bilim-okulu-elazig-2021-egitimleri-firat-universitesinde-basladi-4381>

<http://saglikf.firat.edu.tr/tr/announcements-detail/2027>

In order to spread the project culture to a wider audience, a project writing training was organized for the first time for the academicians of the Faculty of Education at our university. In addition, project writing training was carried out in order to benefit from EU funds (<http://disiliskiler.koord.firat.edu.tr/tr/announcements-detail/11981>). In addition, 3 different trainings were organized for TÜBİTAK 2209 student projects and it was aimed to develop student projects in terms of both quality and quantity (<http://www.firat.edu.tr/tr/page/news/universitemizde-ogrencilere-yonelik-tubitak-2209-a-proje-yazma-egitimleri-verildi-4496>).

In addition, consultancy and training services have been provided to various public and private sector organizations through the Technology Transfer Office. Our university's Agriculture and Livestock Research and Application Center (TAHAM) has continued to provide training for farmers and veterinarians in our region (<https://www.gunisigigazetesi.net/elazig-guncel/ari-yetistiriciligi-sertifika-toreni-duzenlendi-h83240.html>). In addition, Keban Vocational School has provided applied vineyard pruning training to farmers and an effort has been made to establish a project infrastructure in cooperation with the relevant public institutions (<http://www.firat.edu.tr/tr/page/news/keban-myotayim-ilce-ciftcilerine-uygulamali-bag-budama-egitimi-verildi-3957>). "R&D" studies have also been carried out within the scope of social contribution processes. "R&D" activities are carried out in cooperation with our academicians and various institutions and organizations . “TÜBİTAK” supported project studies prepared with the aim of producing high value added products with advanced technology continued within the institution, and 11 high-budget TÜBİTAK 1001 projects were accepted in 2021 (<http://www.firat.edu.tr/tr/page/news/rektorumuz-prof-dr-goktas-2021-yilinda-tubitak-1001-projeleri-kabul-edilen-akademisyenleri-agirladi-4658>). A total of 21 TÜBİTAK projects were started in 2021 and a budget of approximately 3.5 million TL was transferred to our university.

Our institution's goals have been determined to contribute to local/regional/national development and are specified in the 2019-2023 strategic plan. In 2021, there was an increase in the number of publications and citations compared to the previous year. While the number of Web of Science Firat University publications was 961 in 2020, this number was 1037 for 2021.

Cluster studies on priority areas have yielded their results, academics have participated in various competitions with the participation of students and have won various degrees in TEKNOFEST competitions in 2021 (<http://www.firat.edu.tr/tr/page/news/universitemizin-teknofest-basarilari-devam-ediyor-4312>). According to a study by John IOANNİDİS and his friends from Stanford University, “Plos In the list of the world's most influential scientists published in the journal " Biology ", 42 faculty members from Firat University were included among the most successful scientists in the world (<http://www.firat.edu.tr/tr/page/news/dunyanin-en-etkili-bilim-insanlari-listesine-giren-akademisyenlere-tesekkur-belgesi-verildi-4566>).

While our university's Faculty of Economics and Administrative Sciences faculty member Prof. Dr. Burcu ÖZCAN was deemed worthy of the TÜBİTAK Science, Special, Service and Incentive Award, our university's Faculty of Veterinary Medicine faculty member Prof. Dr. Cemal Georg ORHAN succeeded in receiving the 2021 TÜBA-GEBİP Award (

<http://www.firat.edu.tr/tr/page/news/cumhurbaskani-erdogan-universitemiz-akademisyenlerine-tubitak-ve-tuba-gebip-odullerini-verdi-4528>).

Middle East Technical University Informatics Institute “URAP” (University Ranking by Academic As a result of the studies carried out in the Performance) Laboratory , the universities that entered the 2021-2022 world field rankings have been determined. According to the 2021-2022 evaluation, Firat University ranked 15th in Turkey and 1147th in the world (https://urapcenter.org/Rankings/2021-2022/World_Ranking_2021-2022) . In the 2020-2021 URAP field-based rankings, Firat University ranked 6th in Turkey and 629th in the world in the field of Mathematics, and ranked 7th in Turkey and 796th in the world in the field of Physics (<http://www.firat.edu.tr/tr/page/news/universitemiz-matematik-ve-fizik-alaninda-ust-siralarda-yer-aldi-4175>).

ranked 21st among 207 Turkish higher education institutions in the latest list of the " Ranking Web of Universities " published twice a year in July , and 1320th in the world university rankings, which include 31 thousand higher education institutions (<http://www.firat.edu.tr/tr/page/news/universitemiz-turkiyedeki-207-yuksekokretim-kurumu-arasinda-21-oldu-4268>).

Incites database, our University has become the 2nd best University in Turkey in the field of Computer and Software, 1st in Turkey in the field of Thermodynamics, and according to the evaluation of the same database, 2nd in Turkey in the field of Mathematics and 1st in Turkey in the field of Physics.

Firat University, “2021 Shanghai Ranking World University Academic Field Rankings” list has achieved success in 3 different fields. In the field of Veterinary Medicine, it has succeeded in being ranked 1st in Turkey and 201-300 in the world (<https://www.shanghairanking.com/rankings/gras/2021/RS0304>), 1st in Turkey and 301-400 in the world (<https://www.shanghairanking.com/rankings/gras/2021/RS0215>), 1st in Turkey and 101-150 in the world (<https://www.shanghairanking.com/rankings/gras/2021/RS0201>) in Mechanical Engineering. While only our university from our country entered the ranking in the fields of Veterinary Medicine and Energy Sciences and Engineering in the Shanghai field-based ranking, our university has succeeded in being one of the two universities in our country to enter the list in the field of Mechanical Engineering.

According to the results of the "2021 Entrepreneurial and Innovative University Index", Firat University has succeeded in entering the list for 10 consecutive years. Firat University has become one of the 2 universities in the Eastern Anatolia Region that entered the ranking (<https://www.tubitak.gov.tr/tr/icerik-2021-girisimci-ve-yenilikci-universite-endeksi>).

Firat Teknokent participated in the International Entrepreneurship Invention Competition and Exhibition Acceleration Program ISIF'21 in 2021 (ISIF'20 News Link). Patents belonging to our university's academicians and students have achieved the success of receiving 1 gold, 3 silver and 1 bronze medal (<http://www.firat.edu.tr/tr/page/news/universitemiz-basarili-akademisyenleri-odullendirdi-4403>).

As a result of the call for capacity building in the fields of innovation and entrepreneurship opened by “TÜBİTAK” within the scope of the 1601 Program in February 2020, Firat Teknokent was selected as the “ BiGG ” implementing organization again (https://tubitak.gov.tr/sites/default/files/21566/bigge_2022_yili_1._cagri_duyuru_metni.pdf).

A patent owned by Firat University was commercialized for the first time in 2021. As a result of the commercialization activities carried out by Firat Teknokent , “electric teat The patent named “ deeping ” was sold to a commercial company (<http://www.firat.edu.tr/tr/page/news/universitemiz-tarihinde-ilk-kez-bir-patent-ticarilesti-4415>).

Our institution's goals have been determined to contribute to local/regional/national development and are specified in the 2019-2023 Strategic Plan. Priority is given to regional development-oriented studies within the framework of the plan prepared by the Firat Development Agency. Collaborations made within the framework of "UNİP" contribute positively to regional development. Especially in research studies conducted in the fields of social sciences and health, research on regional problems comes to the

forefront. While working with local actors for the development of regional industry, it is seen that our academicians contribute to the studies of many "R&D" centers on a national scale. The goals in the Eleventh National Development Plan are taken into consideration in our University's research studies.

C.1.2. Internal and external sources

At Firat University, R&D activities are carried out individually by academics or research centers using the central laboratory, department laboratories, and library infrastructure. With its deep-rooted history, the infrastructure required for R&D activities has been established over the years through internal institutional resources or funds obtained from external projects.

In 2021, in order to increase the capacity and infrastructure of the "R&D" activities continuing within Firat University, funds such as in-house "FÜBAP" and external "TÜBİTAK" were utilized. In 2021, 297 projects were supported by "FÜBAP" and 29,647,095 TL was allocated to these projects. As of 2021, 401 projects supported by "FÜBAP" are ongoing and the total budget of these projects is 40,244,794 TL. When the distribution of "FÜBAP" projects is examined, it is seen that the applications of all units of our university, especially the Faculties of Medicine, Engineering, Technology and Science, are supported (<https://bap.firat.edu.tr/index.php?act=guest&act2=istatistikler&page=2&>). In 2021, 3,498,414.04 TL of "TÜBİTAK" allocations were used in our university. When the use of "BAP" resources is examined in 2021, it is seen that projects in 10 different fields (Individual, Medical Specialization, Master's Thesis Research, Doctoral Thesis Research, Infrastructure, Initial R&D, Performance, Infrastructure Support, Dentistry Specialization, Comprehensive Infrastructure) are supported (<https://bap.firat.edu.tr/index.php?act=guest&act2=istatistikler&page=1&>).

The most (123) master's thesis research projects were supported by "FÜBAP" in 2021, and a budget of 1,944,863.00 TL was allocated for these projects. In 2021, the most supported projects were the projects presented by the Faculty of Engineering (81) and the Faculty of Medicine (52) and their academicians (<https://bap.firat.edu.tr/index.php?act=guest&act2=istatistikler&page=2&>). When the Performance Projects in force for the purpose of rewarding academicians were evaluated, 40 projects were supported in 2021, and a budget of 513,801.77 TL was allocated to these projects. In order to support researchers who are just starting their research careers, there are master's thesis research projects, doctoral thesis research projects, as well as an introductory research project for those who are just starting their teaching careers within the BAP.

In order to increase the "R&D" projects at our university, 28 project consultancy services and 49 training services were provided to private sector and public institutions within the scope of University-Industry Cooperation (UIC) within Firat Teknokent in 2021 through "Firat TTO ". In 2021, 5 academician companies whose R&D projects were approved started their operations in Firat Teknokent Technology Development Zone. In 2021 , 21 invention notifications, 7 applications to the Turkish Patent Office, 9 Patent Registrations, and 2 Patent Information Meetings were held. In 2021, more than 12 trainings were provided to academicians and company employees through Firat TTO. 1 online fair was participated in. In addition, 187 business ideas were evaluated by "Firat TTO" and 24 trainings and 3-hour one-on-one mentoring services were provided to 106 students or graduated entrepreneurs.

In cooperation with the Firat Development Agency, two high-budget projects (Technology Competence Center for the Children of Firat and Firat Damla Entrepreneurship Center) continued (<https://fka.gov.tr/elazigda-sogep-projeleri-imzalandi-detayi-1605201943175>).

Teknokent with the support of the US Embassy in order to measure the intellectual property competencies of technology-focused SMEs in the Eastern Anatolia Region, to identify their innovation needs and to create commercialization roadmaps (<https://www.navigate2innovation.com/>).

The cooperation protocols made by our university faculties with stakeholders have an important place in research and development. These cooperation protocols are announced on the web pages of the relevant faculties and our university (<http://www.firat.edu.tr/tr/page/news/universitemiz-ile-baku-devlet-universitesi-arasinda-uluslararası-isbirliği-protokolü-imzalandi->

4525 <http://www.firat.edu.tr/tr/page/news/universitemiz-sivil-havacilik-yuksekokulu-ile-ozel-bogazici-havacilik-koleji-arasinda-is-birligi-protokolu-imzalandi-4515>). Our university provides doctoral level education in departments with suitable academic and infrastructure. During their doctoral education, students are supported by academic consultancy and the “BAP” unit of our university depending on their fields of study. In addition, our students, who increase their competence by taking part in projects, are provided with professional business life through our Career Center after their education (<http://www.firat.edu.tr/tr/page/news/universitemiz-kariyer-merkezi-kisisel-gelisim-egitimlerine-basladi-3991>).

C.1.3. Doctoral programs and postdoctoral opportunities

Our university provides postgraduate education in 4 institutes, namely Science, Social Sciences, Health Sciences and Educational Sciences. A total of 1047 doctoral students are receiving education in 4 institutes (C.1.3-1 , C.1.3-2). This process is carried out with the postdoctoral research program guideline (C.1.3-3). There are students who have recently benefited from this postdoctoral program (C.1.3-4). Doctoral programs and postdoctoral opportunities are carried out in the institution in accordance with and supporting the research policy, goals and strategies.

C. 2. Research Competence, Collaborations and Supports

C.2.1. Research competencies and development

In our institution, as in all activities, it is extremely important to obtain the opinions of all our stakeholders in the management arrangements of research and development studies. For example, while creating the appointment principles for the recruitment or promotion of academic staff, draft texts are announced on our university website and the requests of all our academic staff are evaluated by the education committee. The plans prepared by academic staff for “R&D” activities in national priority areas are taken into consideration and the necessary support is provided by all relevant sub-units, especially “BAP”. Studies such as graduation project exhibition, industry-focused project support, big data and artificial intelligence laboratory can be counted among our unique approaches and applications. Our university subscribes to a total of 29 databases that can be used for research purposes, such as “WOS,” “WILEY,” “SPRINGER,” “ACS,” “EBSCO,” and “INCITES.” Throughout our institution, studies on creating a researcher identity in international environments are intensively carried out with Incites Trainings. Thus, on the one hand, the measurement and evaluation of the publication activities of our academic staff and on the other hand, the increase in international recognition are aimed. Within this scope, almost all of our academic staff have been assigned a “WOS” based Researcher-ID with the training seminars and other studies, and they have been able to keep their online accounts up to date. Within the scope of joint research at our university, studies continue in the “Big Data and Artificial Intelligence Laboratory” established with the support of the Presidency of Defense Industries. (<https://www.elazigsonhaber.com/gundem/firat-universitesi-ile-savunma-sanayii-baskanligi-arasinda-sozlesme-h87972.html>). Activities carried out with artificial intelligence and “SAYP” are also among the joint researches. There is a prototyping workshop within the scope of joint researches with Fırat Development Agency. Projects presented by KOSGEB through our academic companies have been supported. In short, joint projects are carried out and/or continue in our institution in cooperation with many institutions and organizations such as “ASELSAN”, “HAVELSAN”, “KOSGEB”, Ministry of Industry, Teknokent , Elazığ Municipality, Fırat Development Agency, “TAİ”.

C.2.2. National and international joint programs and joint research units

There is an International Joint Degree Program (ILP) between Fırat University and Sam Houston University in the United States. Within this scope, our students receive two years of their education at Fırat University and the remaining two years at Sam Houston University. As a result of this program, our students are awarded diplomas from both universities. Within this scope, an international research cooperation infrastructure is also being established (<http://www.firat.edu.tr/tr/page/news/sam-houston-state-universitesi-tayim-ogrencilerimiz-oryantasyon-toplantisi-duzenlendi-4733>).

The Turkish Qualifications Framework Board has placed the qualifications of 129 undergraduate programs in 39 universities, including Fırat University, into the Turkish Qualifications Framework (TYÇ) database. The diplomas of students graduating from these programs will be recognized more quickly abroad, their employment opportunities will increase, and horizontal and vertical student mobility will be facilitated. Only 129 undergraduate programs in 39 universities in Turkey have been granted the right to include the Turkish Qualifications Framework (TYÇ) and European Qualifications Framework (AYÇ) logos on their diplomas. In this context, our University has earned the right to use the TYÇ and AYÇ logos on the Civil Engineering, Electrical-Electronics Engineering, Mechanical Engineering and Medical School Diplomas (<http://www.firat.edu.tr/tr/page/news/universitemizin-4-lisans-programina-avrupa-vizesi-cikti-4516>).

With Fırat University becoming a Research University as of December 2021, priority areas in a total of 12 fields, including 3 fields in social sciences, science and health sciences, related to the 11th Development Plan, have been determined and submitted to YÖK for approval (Senate Decisions). After the approval of these determined fields by YÖK, joint working units will be established by matching with leading universities in these fields in our country.

Within the scope of the protocol signed with the 15th Regional Directorate of Nature Conservation and National Parks, both the propagation of endemic plants and joint academic studies are carried out in the plant tissue culture laboratory in our university (<http://www.firat.edu.tr/tr/page/news/bakan-yardimcisi-isikgece-firat-universiteleriyle-guclerimiz-birlestirdigimizde-ortaya-pozitif-bir-sinerji-cikacak-4042>).

There are also joint studies conducted by academics in various units with national or international organizations. The Fırat University Faculty of Engineering, Department of Metallurgy and Materials Engineering and the National Center of Science, funded by the Kazakhstan government and The project proposal prepared in partnership with “Technology Evaluation” institution has been entitled to be supported (<http://www.firat.edu.tr/tr/page/news/firat-universitesi-ile-kazakistan-hukumeti-arasinda-ikili-isbirligi-projesi-3505>). A protocol has been signed between our university and Baku State University, one of the oldest universities of our sister country Azerbaijan, within the scope of increasing international cooperation and studies in academic fields (<http://www.firat.edu.tr/tr/page/news/universitemiz-ile-baku-devlet-universitesi-arasinda-uluslararası-isbirligi-protokolu-imzalandi-4525>).

Within the scope of the cooperation between our University and Elazığ Chamber of Commerce and Industry in order to improve University-Industry cooperation and contribute to regional development, training on “Foreign Trade and Global Entrepreneurship” was provided to international students studying at our University and certificates were given to the students who participated in the training (<http://www.firat.edu.tr/tr/page/news/dis-ticaret-ve-kuresel-girisimcilik-egitimlerine-katılan-yabancı-uyruklu-ogrencilerimiz-sertifikalari-verildi-4511>).

Elazığ Province and Information Bank Infrastructure to Guide Urban Transformation” prepared by Fırat University within the scope of AFAD National Earthquake Research Program has been accepted by AFAD (<http://www.firat.edu.tr/tr/page/news/afaddan-universitemiz-deprem-arastirma-projesine-destek-4174>).

The R&D Personnel Training Program was organized in cooperation with the Elazığ Governorship, our University and the Provincial Directorate of İŞKUR, and certificates were given to the trainees who successfully completed the training at a ceremony (<http://www.firat.edu.tr/tr/page/news/fusemde-ar-ge-elemanı-egitim-programını-tamamlayan-kursiyerlere-duzenlenen-törenle-sertifikalari-verildi-4222>).

President of the Presidency of Defense Industries Prof. Dr. İsmail DEMİR visited our University Rector Prof. Dr. Fahrettin GÖKTAŞ and held consultations regarding the work of the university in the field of defense industry (<http://www.firat.edu.tr/tr/page/news/cumhurbaskanligi-savunma-sanayii-baskani-prof-dr-ismail-demir-universitemiz-rektoru-prof-dr-goktasi-ziyaret-etti-4031>).

it was planned to carry out education and R&D studies together (<http://www.firat.edu.tr/tr/page/news/universitemiz-sivil-havacılık-yuksekokulu-ile-özel-bogazici-havacılık-koleji-arasında-is-birliği-protokolu-imzalandi-4515>).

C.3. Research Performance

C.3.1. Monitoring and evaluation of research performance

In order to increase research performance and the impact of outputs, research performances of all academic units within Firat University are regularly monitored and monitoring results are evaluated together with stakeholders to take precautions. In this context, evaluations are made by monitoring the data of all research personnel with the “YÖKSİS” database at the <https://staff.firat.edu.tr/> address used in the institution. In addition, all project applications are recorded with the Project Coordination and Consultancy Office Coordinatorship in our institution and periodic reports in accordance with the work plan of approved projects are followed. Project preparation courses are given by expert trainers for researchers who have difficulty in writing projects and their improvement is ensured.

In Firat University academic appointment and promotion directive, research performance is clearly included. In addition to the conditions defined for the appointment and promotion of academic staff, Firat University Academic Promotion and Appointment Criteria Directive states in Article 5/1-c; “ The high score of the candidate(s) is not a sufficient criterion for appointment. The evaluation reports prepared by the jury are taken into consideration for the appointment of the candidate(s) to the announced cadre. In the jury evaluation reports, in addition to the scoring specified in the Directive on Promotion and Appointment to Academic Membership by the jury, the academic qualification and performance of the candidate(s) must be evaluated in detail by taking into account the issues specified in Article 9(1). According to the evaluation results, in order for the candidate to be appointed to the relevant cadre, even if their activities are sufficient in terms of quantity, they must also be deemed suitable and sufficient by the jury in terms of academic quality.” In the evaluation, the candidate's place and potential in the relevant scientific field (continuity of publications, international citations to their publications, scientific research conducted or participated in, and similar important events) are evaluated in depth. The candidate's contribution to education, undergraduate and graduate courses taught, master's and doctoral theses managed, and courses and programs developed are taken into consideration with due weight. In addition, the candidate's professional experience and contributions, and scientific, academic and professional awards received are taken into consideration in the evaluation (http://atanma.firat.edu.tr/pinned_files/yonerge.pdf).

In the institution, the approval, monitoring and evaluation of the budget performance of internal and external research studies in line with the institution's strategic plan, research and development goals and education and training quality are carried out at the highest level by the Rector and the regular monitoring of research budget performances is carried out by the Strategy Development Department, "FÜBAP", Firat Technology Transfer Office ("Firat TTO") and Project Coordination and Consultancy Office Unit. The records kept by these units are reported to the senior management annually and the general status of the university and the research budget and performance status of the departments are evaluated. The institution's research budget performance is evaluated annually and reported institutionally in national and international ranking systems (QS, THE, URAP, Entrepreneurial and Innovative University Index, "YÖK" monitoring criteria, "RUR" etc.) and the institution is included in the ranking systems in the world and in Turkey. Continuous announcements are made in order for the University to benefit more from external research and development supports by evaluating the research budget performances and many project writing and implementation trainings are provided especially within the scope of the "TÜBİTAK" 2237 Program. In addition, academic staff members who perform academically in the institution are evaluated annually according to the rules specified in the relevant directive and Performance Projects are given as awards for faculty members. On the other hand, the institutional shares of externally funded projects are used in the research and development activities of the relevant departments or the relevant faculty members. The institution has an intellectual and industrial property rights commission and a budget used for the protection and commercialization of research outputs along with research and development activities.

C.3.2. Evaluation of faculty/researcher performance

The evaluation of the performance of the teaching staff is carried out both at the rectorate and unit level and is announced with incentive practices at certain periods (<http://www.firat.edu.tr/tr/page/news/muhendislik-fakultesinden-arastirma-gorevlileri-performans-odulleri-4050>). Postgraduate studies are followed up with the best thesis awards of the Institute of Science (<http://www.firat.edu.tr/tr/page/news/universiteimizde-en-basarili-tez-odul-toreni-gerceklestirildi-4026>). In addition, the academic studies of the academicians are measured and rewarded with the "FÜBAP" Performance Projects (<https://bap.firat.edu.tr/index.php?act=guest&act2=istatistikler&page=1> &).

In order to increase international visibility, Researcher -ID and ORCID records have been created for all academics. Scientific activities are evaluated on a unit basis thanks to the activity reports received from the units every year.

Both academic degrees and field or university rankings of various institutions and organizations are monitored by the Project Coordination and Consultancy Office and the achievements are announced (<http://www.firat.edu.tr/tr/page/news/dunyanin-en-etkili-bilim-insanlari-listesinde-firat-universitesinden-42-akademisyen-yer-aldi-4391>). Successful academics are rewarded and researchers are encouraged (<http://www.firat.edu.tr/tr/page/news/universitemiz-basarili-akademisyenleri-odullendirdi-4403>).

D. SOCIAL CONTRIBUTION

D.1 . Management of Social Contribution Processes and Social Contribution Resources

Firat University considers the education-training and research-development activities included in its strategic plan together with the social contribution targets included in its strategic plan and acts with its entire team based on social benefit. The social contribution targets internalized by Firat University are clearly stated in the “Social Contribution Policy Document”. All plans and targets made within our university are created in a form that will serve this policy document. In this context, emphasis is given to R&D studies that benefit society in particular. With this purpose, many ideas are commercialized and added value is gained through Firat Teknokent, which was established . In addition, as included in the strategic plan of our university, it also carries out studies that will increase the education, culture, art and sports activities of the society, improve health standards and provide better conditions for our animal friends with whom we live.

Firat University's social contribution goals are parallel to the United Nations Sustainable Development Goals. In short, Firat University addresses its social contribution activities under three main headings:

1. Services provided directly to society,
2. Social information and education services,
3. Social responsibility projects.

With the Women's Studies and Application Center, it supports scientific research, application, publication, education and documentation studies aimed at developing social sensitivity awareness and solving the social, economic and cultural problems of the society. In addition, the relevant center contributes to the establishment and implementation of the technical infrastructure of the social sensitivity projects course taught and cooperates with the relevant official, private and civil society organizations for the social sensitivity projects to be carried out by university students . In this way, the education and training processes at our university are transformed into a structure that will strengthen social progress. Various public meetings and conferences are organized through the women's branches to strengthen the place of women in society. Again, organizations that will encourage the city to integrate and help students are organized with the women's branches .

(source : <https://www.resmigazete.gov.tr/eskiler/2018/11/20181111-6.htm>)

Aiming to reflect contribution to society in every aspect of life, Firat University has made public health a priority with its research hospital and dental hospital serving not only Elazığ but the entire region. The services provided in its hospitals are constantly monitored by expert teams, thus ensuring that the effectiveness and quality of the service provided are improved. Satisfaction surveys conducted in our hospital also show that patient satisfaction is increasing day by day. (Strategic Plan Annual Monitoring Report)

Elazığ by offering its 5,000-person capacity sports hall for various sports activities and social meetings . It also helps future generations to grow up as athletes by organizing sports courses for children at various periods.

Supporting social contribution with archaeological studies, Firat University contributes to the studies carried out in Harput with its academic staff, thus mediating the transfer of our historical heritage to future generations. Our university, which sees the oral culture as its duty to reach future generations with various activities, has carried out or contributed to the realization of many projects that serve the preservation and dissemination of local culture. Firat University, which also places providing a healthier physical environment for future generations among its targets, carries out sapling planting campaigns with the Forestry Directorate, while implementing the Green In the Metric ranking, it is ranked 13th in Turkey and 244th in the world (Green Metric Ranking News)

Our social contribution policies, goals and strategies adopted by all units of our university are regularly monitored and the outputs are evaluated in order to evaluate their results and to ensure that more effective results are obtained in the following periods.

Aiming to spread academic knowledge to the society, Firat University is also working on a unique model that will ensure that activities are carried out in many areas from agriculture to tourism, from health to industry for social development and will be carried out more comprehensively and effectively. A more productive contribution is planned with this model that will develop the communication skills of the society and increase the participation of women, children and especially disadvantaged groups in life. In this context, Elazığ Governorship, Elazığ Municipality and district governorships and municipalities also continue their cooperation with non-governmental organizations-development agencies.

Our university, which is also a member of the global development network (UNDP) organized by the United Nations, constantly expresses all its works that serve the society in the local and national media in order to inform the society. There has also been a significant increase in the number of media appearances of Firat University compared to the previous year.

In summary, Firat University encourages all human resources and makes all infrastructure facilities accessible in order to achieve the goals in both its strategic plan and social contribution policy document and to ensure that the values it produces are beneficial to society.

Our Social Contribution Goals:

- To ensure that academic knowledge becomes more widespread in society,
- To increase R&D activities by strengthening university and private sector cooperation and to take initiatives that will increase the welfare level of society,
- To increase our work for women, children, the elderly, immigrants and disadvantaged groups, which are among our social priorities,
- To take initiatives to strengthen the ecological balance and to make efforts to convey this awareness to society,
- To ensure that the region's historical and cultural values are preserved and passed on to future generations and to undertake initiatives that will increase tourism revenues,
- To disseminate and contribute more to policies that prioritize human and animal health,
- cooperation with technology in changing living conditions ,
- To provide a total education mobilization by developing projects that will contribute not only to university education but also to all levels of education,

- To identify deficiencies by cooperating with non-governmental organizations and institutions and organizations and to carry out strengthening activities in relevant areas,

In the process of social contribution, all our human resources work on a voluntary basis to achieve these goals. The opportunities offered by our physical infrastructure (hospitals, technopark , sports fields, library, laboratories, Fusem , Taham , etc.) are also open to the society. In addition to all these opportunities, the revolving funds of our institutions that directly serve the society, such as our hospitals, Fusem , Taham, are transferred to improvements and investments that will provide social contribution again within the possibilities. Cash and in-kind resources brought by organizations made with public and private sector collaborations are also used.

D.1.2. Social Contribution Performance

Firat University carries out social contribution activities that are compatible with the Sustainable Development Goals, meet the needs of the society and the environment, including disadvantaged groups, and create value. It operates especially with its centers such as the 900-bed Firat University Hospital, Dental Hospital, Animal Hospital, FÜSEM, and TAHAM . National and international institutional collaborations, assignments to various public institutions and organizations, and social contribution activities such as education, service, research, consultancy, etc. are carried out through the units within the institution. While monitoring mechanisms and processes operate smoothly in our hospitals, they are seen as a direction open to development in our centers.

CONCLUSION AND EVALUATION

Firat University's strengths and areas of improvement are summarized below under the headings of Leadership, Management and Quality, Education and Training, Research and Development, and Social Contribution.

A. Leadership, Management and Quality

Strengths

- Firat University to become a “Research University” by the end of 2021,
- After becoming a Research University, the new strategic plan studies are close to completion,
- The processes related to ISO 9001:2015 have been completed, TSE has visited our university and the certification process will be completed in 2022,
- The quality assurance system in the university should have an institutional structure and quality studies should be carried out under the leadership of the university's senior management.
- Having received the “Safe Campus” certificate from TSE. Taking precautions for the health and safety of our students, academic and administrative staff during the pandemic process,
- Five programs in the Faculty of Engineering, the Faculty of Medicine and the Faculty of Veterinary Medicine have national accreditation,
- The Faculty of Veterinary Medicine is the first faculty in our country to have international accreditation,
- The completion of accreditation processes in the faculty of education and field visits for 4 programs. Accreditation in these departments has been achieved,
- Continuing accreditation studies in the Faculty of Sports Sciences and the Faculty of Theology,
- The letter of intent regarding the application to YÖKAK KAP must be submitted to the institution,

- Providing motivation and necessary support to the senior management regarding KAP and unit accreditations,
- Organizing training and meetings to spread the quality culture to a wider base,
- Relating quality processes, strategic plans and internal control systems,
- Establishing a Digital Transformation Office to prepare and use the software needed within the institution. Offering the prepared software to other universities.

Areas Open to Improvement

- Strengthening the administrative and academic structure of the faculty of pharmacy and creating its physical space,
- Not all units in the institution have similar knowledge levels regarding quality.
- Dissemination of accreditation culture,
- The need to establish the necessary administrative structures regarding the needs of the research university,
- The need to increase studies on measurement and evaluation
- Lack of quality-related sub-units/structures in administrative units,
- The software prepared for data collection, measurement and evaluation is still in the trial phase,
- Insufficient number of cleaning staff per student.

B. Education and Training

Strengths

- Education and training activities are carried out by a strong academic staff in 16 faculties, 3 HS, 4 institutes, and 9 vocational schools ,
- Adequate physical spaces and laboratory facilities,
- All education-related board and commission activities, especially the education commission, are carried out under the coordination of the relevant vice rector.
- Presence of accredited units in Engineering, Medicine, Veterinary and Education faculties,
- There are around 2000 foreign students,
- The presence of a Vocational School within the Organized Industrial Zone and the presence of strong companies within Fırat Teknokent , thus enabling university-industry collaboration activities to be carried out.
- Conducting continuous improvement studies through satisfaction surveys,
- Creating, operating and ensuring the continuity of a strong, fast and advanced distance education (FUZEM) infrastructure that has proven successful under pandemic conditions,
- Supporting students' active participation in domestic and international scientific activities and providing BAP support for this purpose,
- Working closely with the Presidency Human Resources Office within the FÜ Career Planning Application and Research Center, the 2022 Southeastern Regional Career Fair was held at our University,
- The processes regarding the establishment of the Dean of Students Office are nearing completion.

Areas Open to Improvement

- Participation in student and faculty exchange programs remains limited due to the pandemic ,
- The graduate tracking system is not sufficient,
- Failure to take measures by conducting evaluations with stakeholders in determining realistic workload, updating credits and monitoring program qualifications,
- Lack of sufficient social facilities on the Harput campus.

C. Research and Development

Strengths

- Fırat University is among the 20 “Research Universities” in our country,
- Having strong academic staff, physical space and infrastructure in all units, especially in the Engineering, Veterinary, Medical and Technology Faculties ,
- Fırat Teknokent and the necessary collaborations for university-industry collaboration,
- Fırat University has many patents and the first commercialization took place in 2021,
- Cluster studies have started in the priority areas determined by YÖK,
- There are 23 Research and Application Centers,
- Presence of a central laboratory,
- Finding fields that are in the world rankings (such as Informatics, Mechanical Engineering, Physics, Mathematics),
- There are academicians who are members of TÜBA, and also academicians who received TÜBİTAK and TÜBA awards in 2021,
- Carrying out numerous national external projects,
- The library has subscriptions to numerous databases that provide free access to our internal stakeholders.
- Support for R&D projects by BAP,
- There are various reward mechanisms in the institution.

Areas Open to Improvement

- University-industry collaboration is not at the desired level compared to other research universities,
- Insufficient number of international projects,
- Research and Application Centers do not have their own physical space,
- Some application and research centers are not active enough
- The university's place in international rankings is not at the targeted level,
- Insufficient financial support is provided for the participation of academic staff in domestic and international scientific meetings,
- Lack of a unit to regularly monitor R&D activities.

D. Social Contribution

Strengths

- Fırat University Hospital has the characteristics of a regional hospital and provides health services to the surrounding provinces,
- Continuing to provide services at the Dental Hospital even under pandemic conditions,
- Continuity of quality service provided at the Animal Hospital,
- Providing certified training to farmers at TAHAM ,
- Propagation of endemic plants in the Plant Tissue Culture Laboratory,

- Providing consultancy services to companies by academicians through Fırat Teknokent
- Carrying out numerous certified trainings through FÜSEM,
- Carrying out various social responsibility projects through student communities,

Areas Open to Improvement

- Social contribution processes are not carried out within a specific plan/program,
- Insufficient number of social responsibility projects,
- The number of projects carried out in collaboration with institutions and organizations in the city or region is low,
- Insufficient budget allocation for student communities,
- Insufficient number of University-Public meetings.